

## IX System

IP network-compatible intercom

# IX Support Tool Setting Manual

**Software version 2.0.0.0 or later**

Before configuring and using the system, read Setting Manual and Operation Manual (PDF) carefully.  
\*For the installation and connection of each device, refer to Installation Manual.

### Important

- **Begin installation after reading and understanding the procedures for system configuration.**
- **The setting data should be backed up and stored in a safe location after configuration is complete.**

The illustrations and images in this manual may vary from the actual ones.

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# Introduction




This manual describes the IX Support Tool in detail.

IX system offers a separate manual for Installation, Settings, and Operations. Refer to the relevant manual.

For any questions concerning how to use or set up the tool, see our Web site "<http://www.aiphone.net/>."

# 1. Notational symbols in this manual

The following symbols identify important information concerning operational procedures.

 <b>Caution</b>	Indicates important instructions that should be observed or avoided. Please read and understand before proceeding.
 <b>Important</b>	Indicates what should be known before operation. Please read and understand before proceeding.
 <b>Point</b>	Indicates tips and additional information for the operation.

- Page references are shown as "▶ P. XX."
- The screen shots in this manual may vary from the actual ones.

## 2. Device type

The stations are shown as below.

Device type	Example Model Names
Master Station	IX-MV
Video Door Station	IX-DA, IX-DF, IX-DF-HID-I* <sup>1</sup> , IX-DF-HID * <sup>1</sup> , IX-DF-2RA* <sup>1</sup> , IX-DF-PI* <sup>2</sup> , IX-DF-P* <sup>2</sup>
Audio Only Door Station	IX-BA, IX-SS, IX-SS-2RA* <sup>1</sup>




\*<sup>1</sup> North America Only

\*<sup>2</sup> Except North America



## 3. Product manuals

Read the Installation Manual, Setting Manual, and Operation Manual. Have the person who installs or configures the product refer to the relevant manuals.

	<p><b>Installation Manual (Comes with Master Station or Door Station.)</b> Refer to when installing and connecting Master Station and Door Station. (For installer)</p>
	<p><b>Quick Start Programming Guide (Comes with Master Station.)</b> Describes how to configure a basic IX system. (For system administrator)</p>
<p>DVD-ROM</p>  <p>This comes with Master Station.</p>	<p><b>IX Support Tool Setting Manual (Electronic format (PDF file).)</b> Describes how to configure and maintain the system using IX Support Tool. (For system administrator)</p>
	<p><b>IX Master Station Operation Manual (Electronic format (PDF file).)</b> Describes how to operate Master Station. (For user)</p>
	<p><b>IX Door Station Operation Manual (Electronic format (PDF file).)</b> Describes how to operate Door Station. (For user)</p>
	<p><b>IX Master Station Web Setting Manual (Electronic format (PDF file).)</b> Describes how to set up Master Station for the Internet connection. (For system administrator)</p>
	<p><b>IX Door Station Web Setting Manual (Electronic format (PDF file).)</b> Describes how to set up Door Station for the Internet connection. (For system administrator)</p>
	<p><b>IX-MV Installation Manual (Electronic format (PDF file).)</b> Describes how to install Master Station. (For system administrator and Installer)</p>
	<p><b>IX-DA, IX-BA Installation Manual (Electronic format (PDF file).)</b> Describes how to install Door Station. (For system administrator and Installer)</p>
	<p><b>Quick Start Programming Guide (Electronic format (PDF file).)</b> Describes how to configure a basic IX system. (For system administrator)</p>

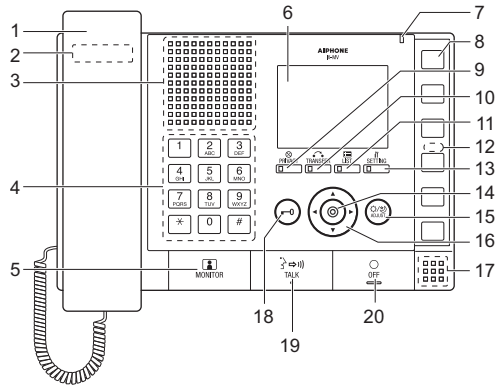
### Point

This manual describes how to set up IX Support Tool. For Web configuration of the stations, refer to IX Master Station Web Setting Manual and IX Door Station Web Setting Manual.

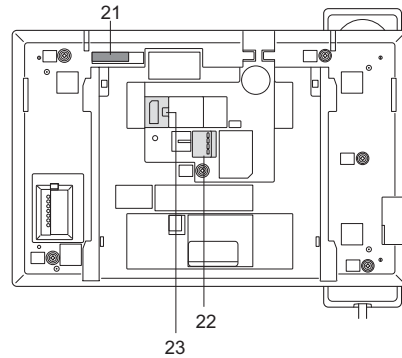
## 4. Station description

### 4.1. Master Station (IX-MV)

#### ■ Part names





Back

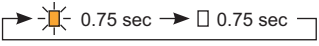
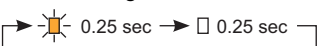
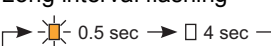
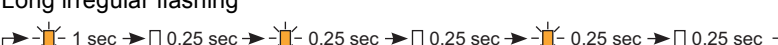




1	Handset	13	SETTING button / Setting indicator (blue)
2	Hook switch	14	Select button
3	Speaker	15	ADJUST button
4	Keypad	16	Up/Down and L/R buttons
5	MONITOR button	17	Microphone
6	Color LCD monitor	18	Door Release button
7	Status indicator (orange/blue)	19	TALK button / Talk indicator (blue)
8	Speed Dial buttons (x 6)	20	OFF button
9	PRIVACY button / Privacy indicator (blue)	21	MAC address
10	TRANSFER button / Transfer indicator (orange)	22	Low voltage cable connection
11	LIST button / List indicator (blue)	23	CAT5e/6 cable connector
12	RESET button (beneath the name plate)*		

\* Press and hold the reset button for longer than 1 second, then release to restart station.

## ■ Indicators

: On; : Off

Name	Status (pattern)	Description	
Status indicator	Orange flashing	Normal flashing 	Booting
		Fast flashing 	Device error
		Long interval flashing 	Communication failure
		Long irregular flashing 	Firmware version upgrading
		Short irregular flashing 	Initializing
	Blue light		During communication, Standby (Depends on setting)

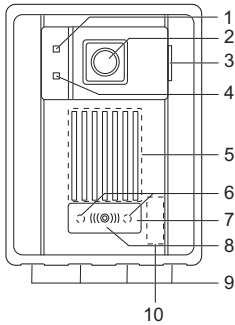
### Point

- For a status other than those noted here, refer to IX Master Station Operation Manual.
- The default language for the master station's display is English.

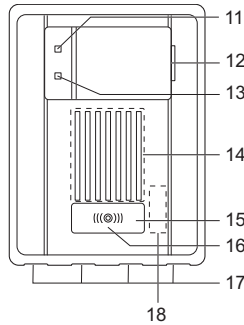
## 4.2. Video Door Station (IX-DA) / Audio Only Door Station (IX-BA)

### ■ Part names

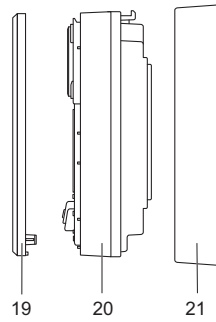
**IX-DA**  
(Video Door Station)



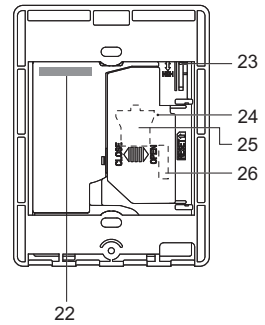
**IX-BA**  
(Audio Only Door Station)



**Side**



**Back**



1	Call indicator (orange)	14	Speaker
2	Camera	15	Call Button
3	Microphone	16	Status indicator (red)
4	Communication indicator (green)	17	Drain holes (4)
5	Speaker	18	MAC address (beneath the panel)
6	LED for night illumination	19	Panel
7	Call Button	20	Main unit
8	Status indicator (red)	21	Mounting frame
9	Drain holes (4)	22	MAC address
10	MAC address (beneath the panel)	23	Camera angle adjustment lever (Video Door Station only)
11	Call indicator (orange)	24	Reset button*
12	Microphone	25	CAT5e/6 cable connector
13	Communication indicator (green)	26	Option connector

\* Press and hold the reset button for longer than 1 second, then release to restart station.

## ■ Indicators

☒: On; ☐: Off

Name	Status (pattern)	Description	
Status indicator	Red flashing	Normal flashing ☒ 0.75 sec → ☐ 0.75 sec	Booting
		Fast flashing ☒ 0.25 sec → ☐ 0.25 sec	Device error
		Long interval flashing ☒ 0.25 sec → ☐ 4 sec	Communication failure
		Long irregular flashing ☒ 1 sec → ☐ 0.25 sec → ☒ 0.25 sec → ☐ 0.25 sec → ☒ 0.25 sec → ☐ 0.25 sec	Firmware version upgrading
		Short irregular flashing ☒ 1 sec → ☐ 0.25 sec → ☒ 0.25 sec → ☐ 0.25 sec	Initializing
	Red light	☒	Standby

### Point

For a status other than those noted here, refer to Door Station Operation Manual.

## 5. Configuring the system

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After installing and connecting all stations, the system will need to be fully configured before it will be operational.

IX system can be configured in one of the two methods below. Choose one method. Using the IX Support Tool is the recommended method.

### (1) Configure the system using the "IX Support Tool" application

- Install the application on a PC and use to create the configuration for all stations.
- Search for IX stations on the network; assign and upload configuration data for the system.
- Monitor the system for failures.

### (2) Configure each station through a Web browser (WEB Settings Access)

- Access each station through a Web browser, and configure each station individually.
- When using the Web browser method, each station must be configured separately.
- When configuring the system through a browser, the IX Support Tool cannot be used. For more detail, refer to Web Setting Manual for each station.

#### Important

- **Once the system has been configured through a browser, the settings cannot be transferred to the IX Support Tool. Using the IX Support Tool is the recommended method to manage settings.**
- **If the settings configured with IX Support Tool are altered through a browser, some items may not be correctly updated within the IX Support Tool data.**
- **Save the settings after configuring the system.**

## 6. Flowcharts for configuring the system

When configuring the system using IX Support Tool, follow the flowchart that fits the application. Save the settings after configuring the system. Otherwise, it may become impossible to restore the settings after maintenance or after-sales servicing.

Flowcharts are for configuration using IX Support Tool.

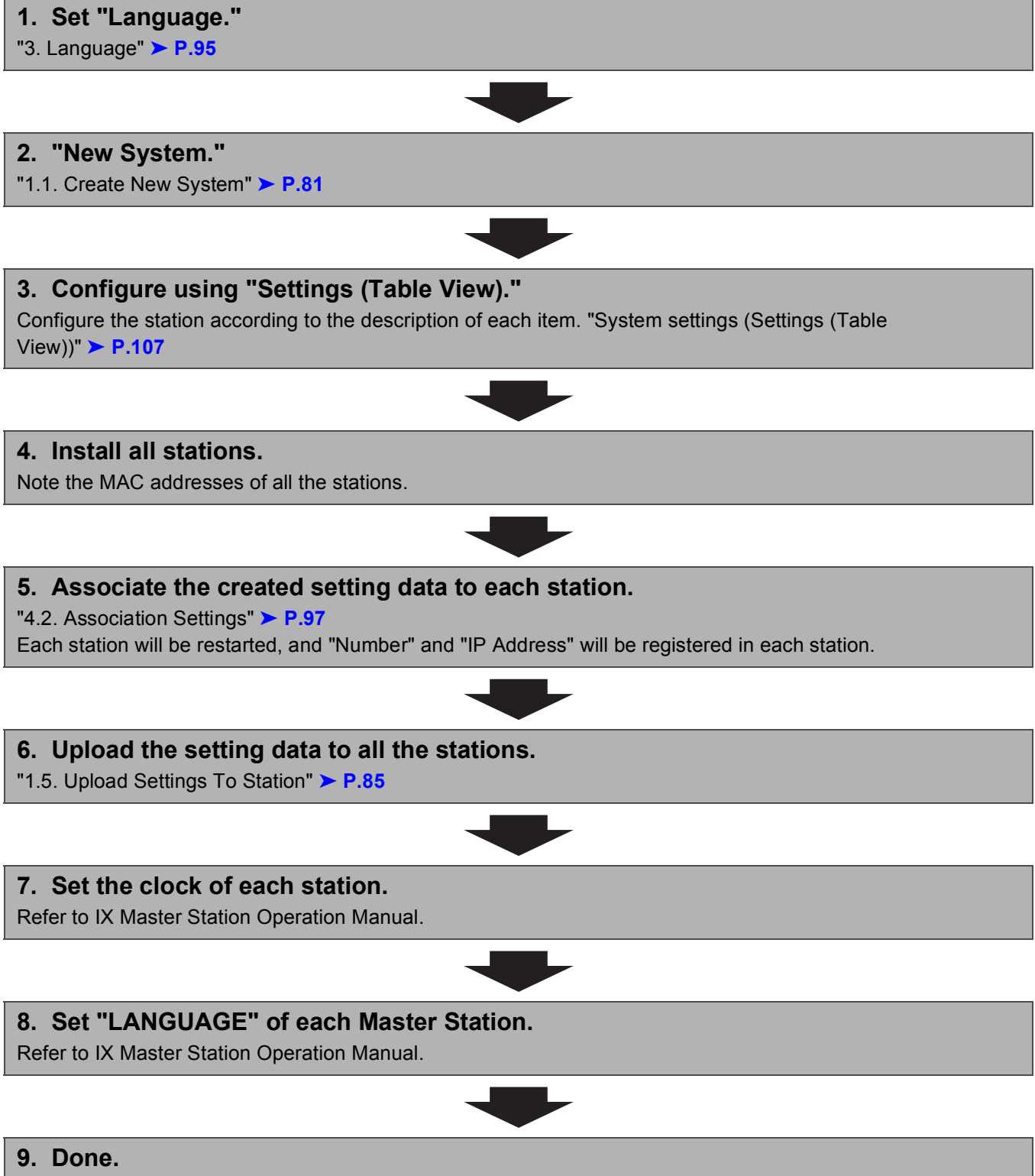
To configure a station through a Web browser, refer to Web Setting Manual for each station.



## ■ For Static IPv4 Address

### ● Create new data

Use flowchart to create new configuration, e.g., when installing a new system.



#### Important

Save the settings after configuring the system.

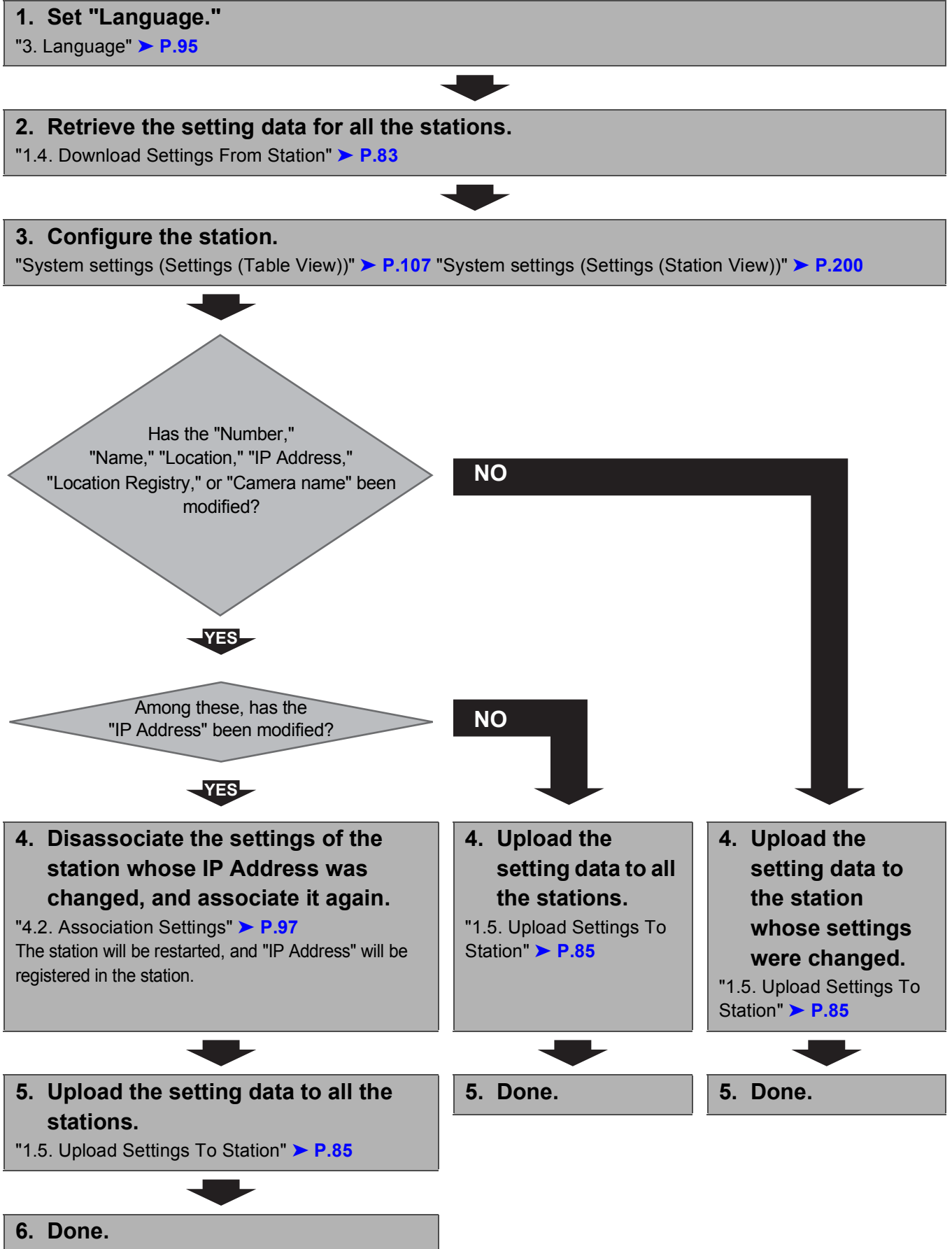
Refer to "■Where the setting file is saved" > P.82.

If the setting file is lost, station settings will need to be reconfigured.



● **To change the Settings (For Static IPv4 Address)**

Use flowchart to change the settings.



**Important**

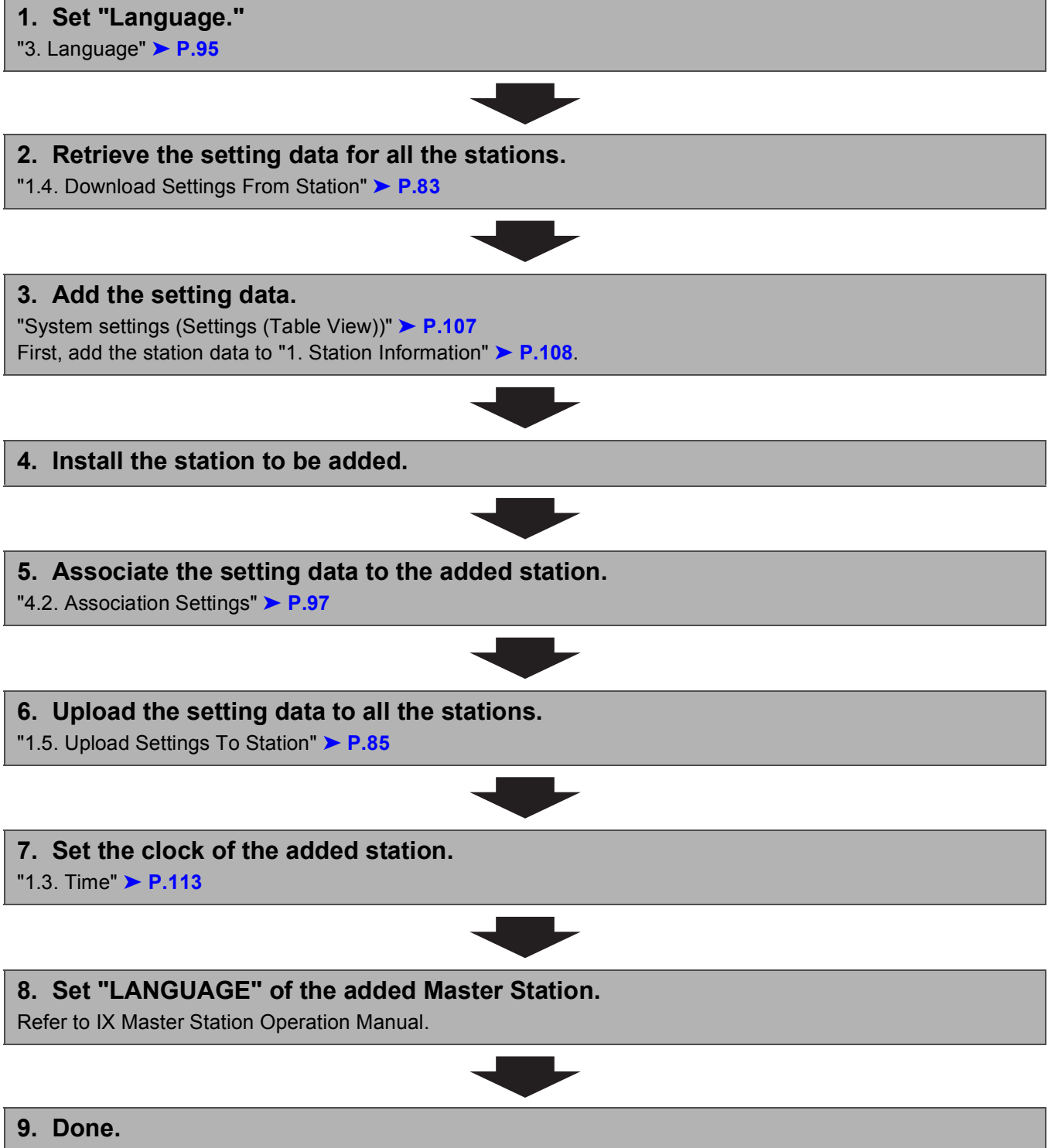
**Save the settings after configuring the system.**

**Refer to "■Where the setting file is saved" ▶ [P.82](#).**

**If the setting file is lost, station settings will need to be reconfigured.**

● **To add a station (For Static IPv4 Address)**

Use flowchart to add a station.



**Important**

**Save the settings after configuring the system.**

**Refer to "■Where the setting file is saved" > P.82.**

**If the setting file is lost, station settings will need to be reconfigured.**

● **To delete a station (For Static IPv4 Address)**

Use flowchart to delete a station.

**1. Set "Language."**

"3. Language" > [P.95](#)



**2. Retrieve the setting data for all the stations.**

"1.4. Download Settings From Station" > [P.83](#)



**3. Delete the data of the station to be deleted.**

"1.1.1. Remove Station" > [P.110](#)

**Caution**

If a page is placed without deleting the station from the system, the operation may be delayed.



**4. Upload the setting data to all the stations.**

"1.5. Upload Settings To Station" > [P.85](#)



**5. Done.**

**Important**

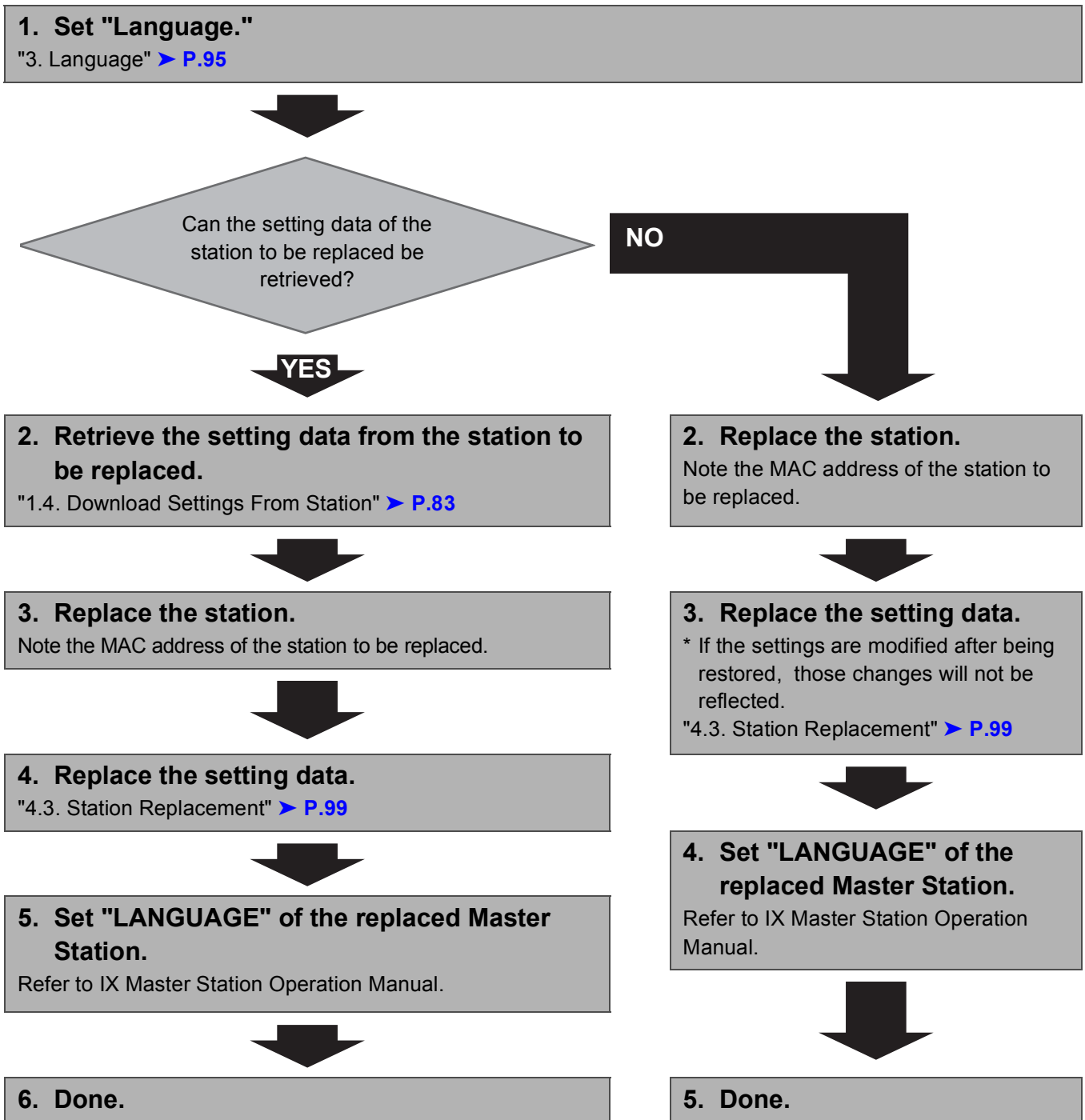
Save the settings after configuring the system.

Refer to "■Where the setting file is saved" > [P.82](#).

If the setting file is lost, station settings will need to be reconfigured.

● **To replace a station (For Static IPv4 Address)**

Use flowchart to replace a station.



**Important**

Save the settings after configuring the system.

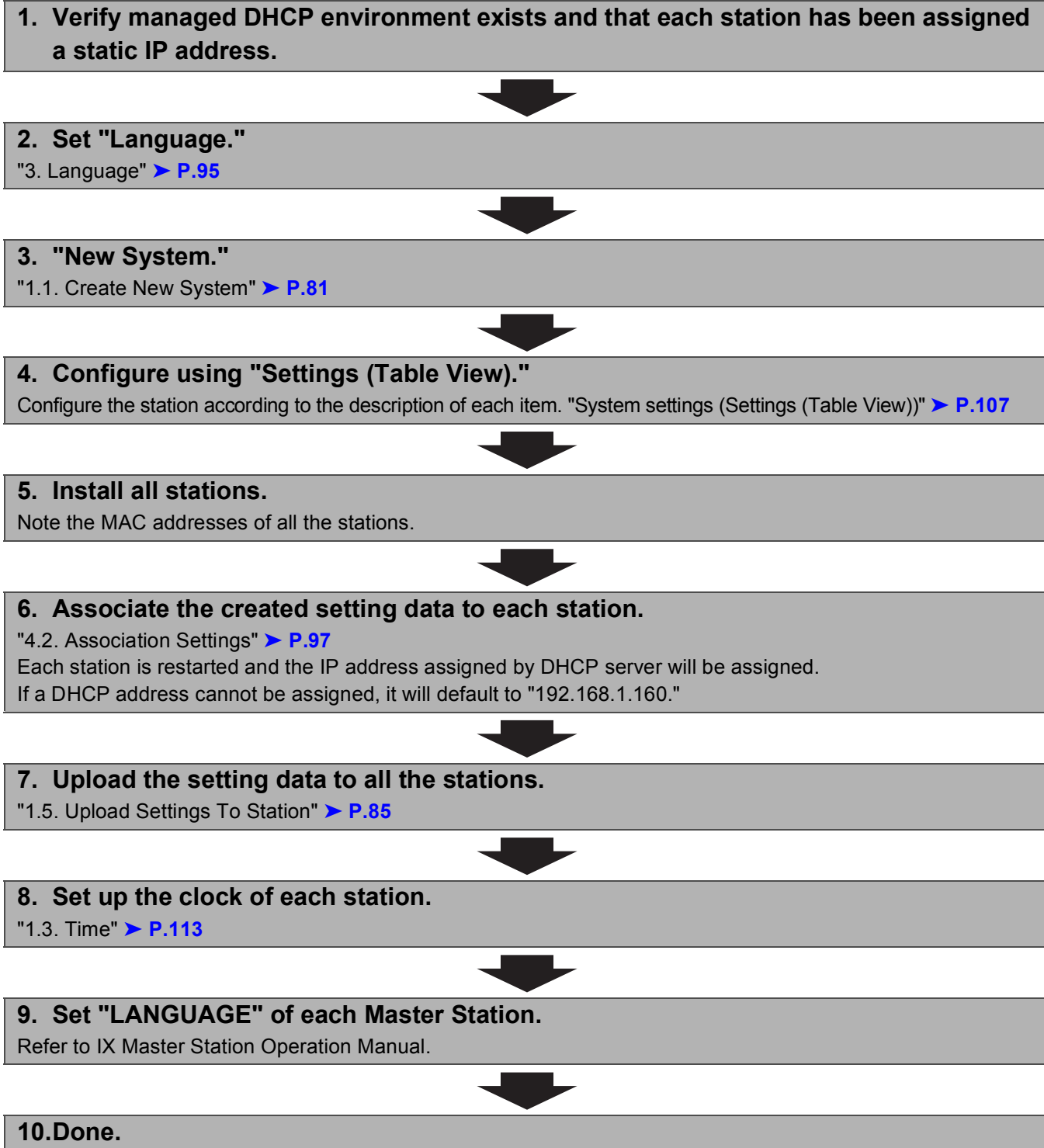
Refer to "■Where the setting file is saved" > P.82.

If the setting file is lost, station settings will need to be reconfigured.

## ■ For IPv4 address with DHCP

### ● Create new data

Use flowchart to create new configuration, e.g., when installing a new system.

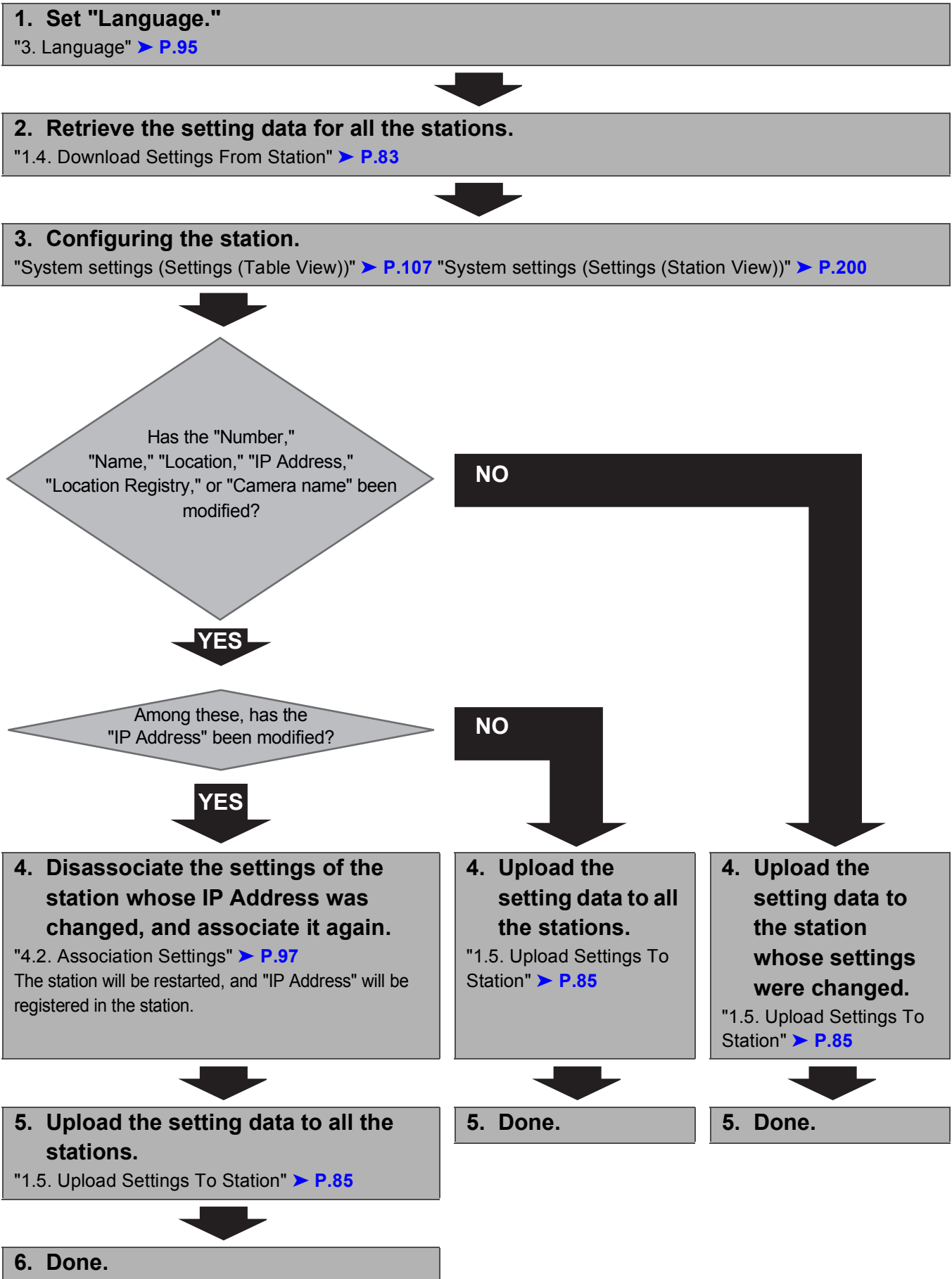


### Important

- Due to the architecture of the IX system, DHCP configuration is only recommended for network environments utilizing managed (static) IP address leasing.
- Save the settings after configuring the system.  
Refer to "■Where the setting file is saved" > [P.82](#).  
If the setting file is lost, station settings will need to be reconfigured.

● **To change the Settings (For IPv4 Address with DHCP)**

Use flowchart to change the Settings.



**Important**

**Save the settings after configuring the system.**

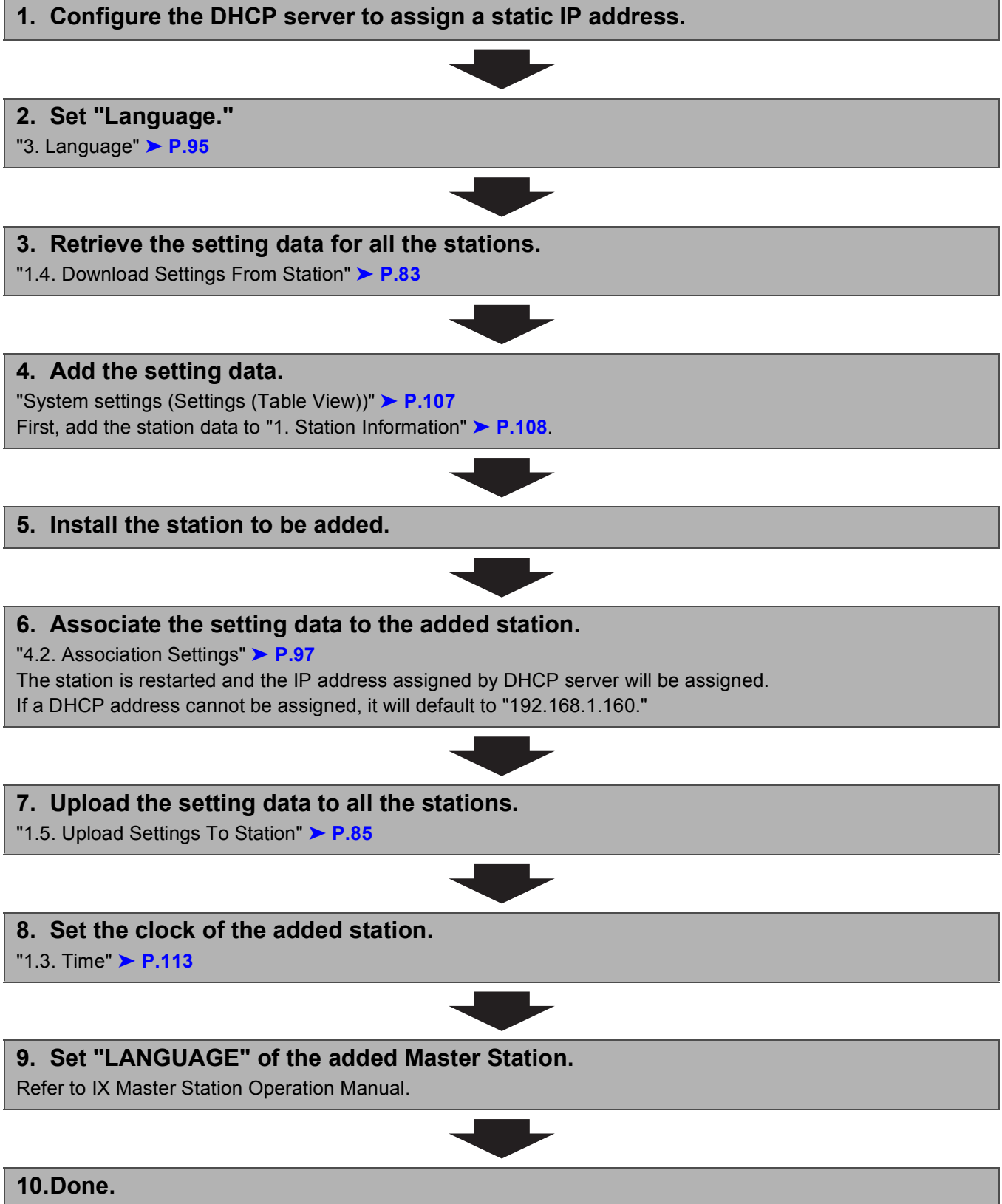
**Refer to "■Where the setting file is saved" ▶ [P.82](#).**

**If the setting file is lost, station settings will need to be reconfigured.**



● **To add a station (For IPv4 Address with DHCP)**

Use flowchart to add a station.



**Important**

**Save the settings after configuring the system.**

**Refer to "■Where the setting file is saved" > [P.82](#).**

**If the setting file is lost, station settings will need to be reconfigured.**

● **To delete a station (For IPv4 Address with DHCP)**

Use flowchart to delete a station.

**1. Set "Language."**

"3. Language" > [P.95](#)



**2. Retrieve the setting data for all the stations.**

"1.4. Download Settings From Station" > [P.83](#)



**3. From the setting data, delete the data of the station to be deleted.**

"1.1.1. Remove Station" > [P.110](#)

**Caution**

If a page is placed without deleting the station from the system, the operation may be delayed.



**4. Upload the setting data to all the stations.**

"1.5. Upload Settings To Station" > [P.85](#)



**5. Done.**

**Important**

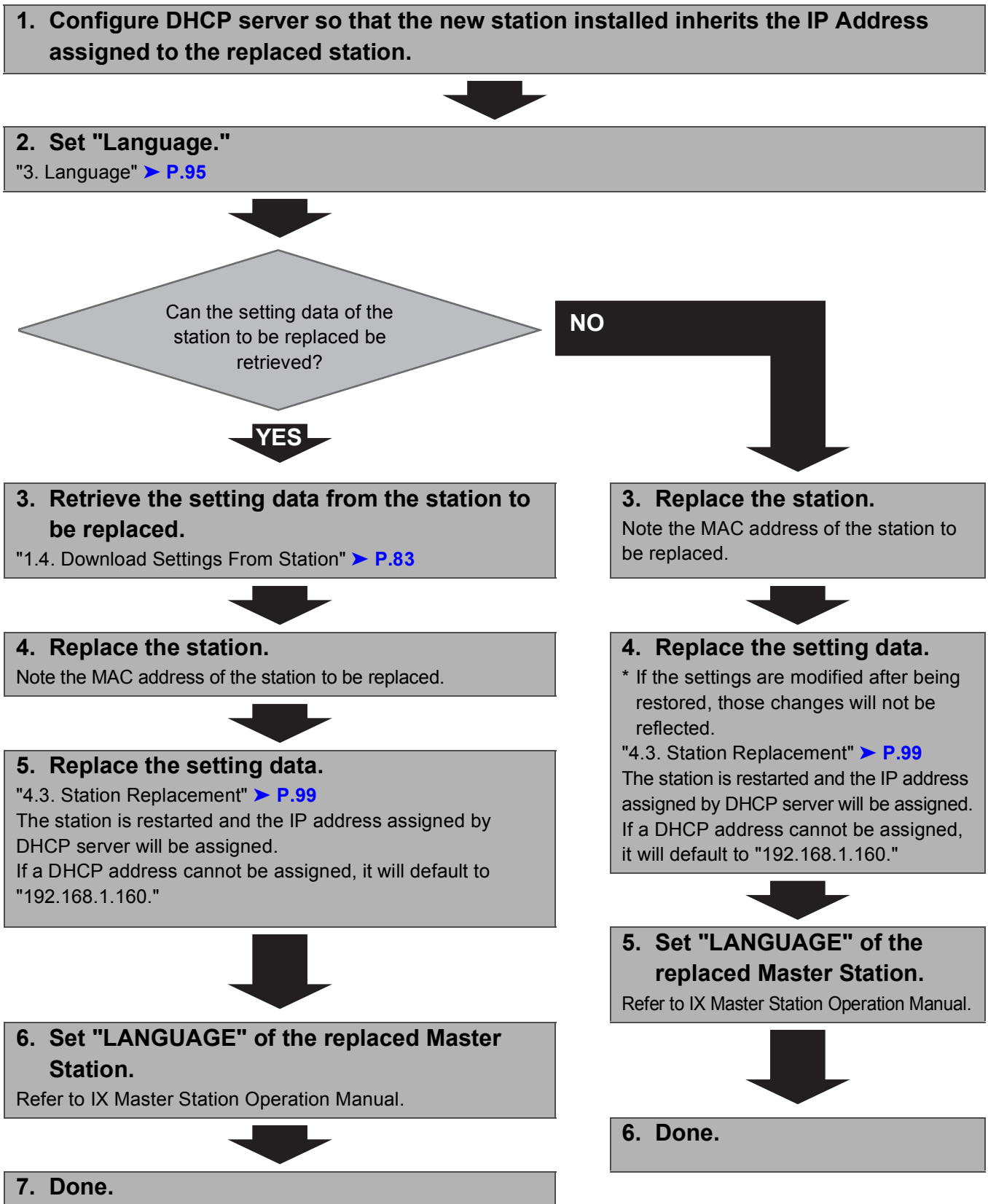
Save the settings after configuring the system.

Refer to "■Where the setting file is saved" > [P.82](#).

If the setting file is lost, station settings will need to be reconfigured.

● **To replace a station (For IPv4 Address with DHCP)**

Use flowchart to replace a station.



**Important**

Save the settings after configuring the system.

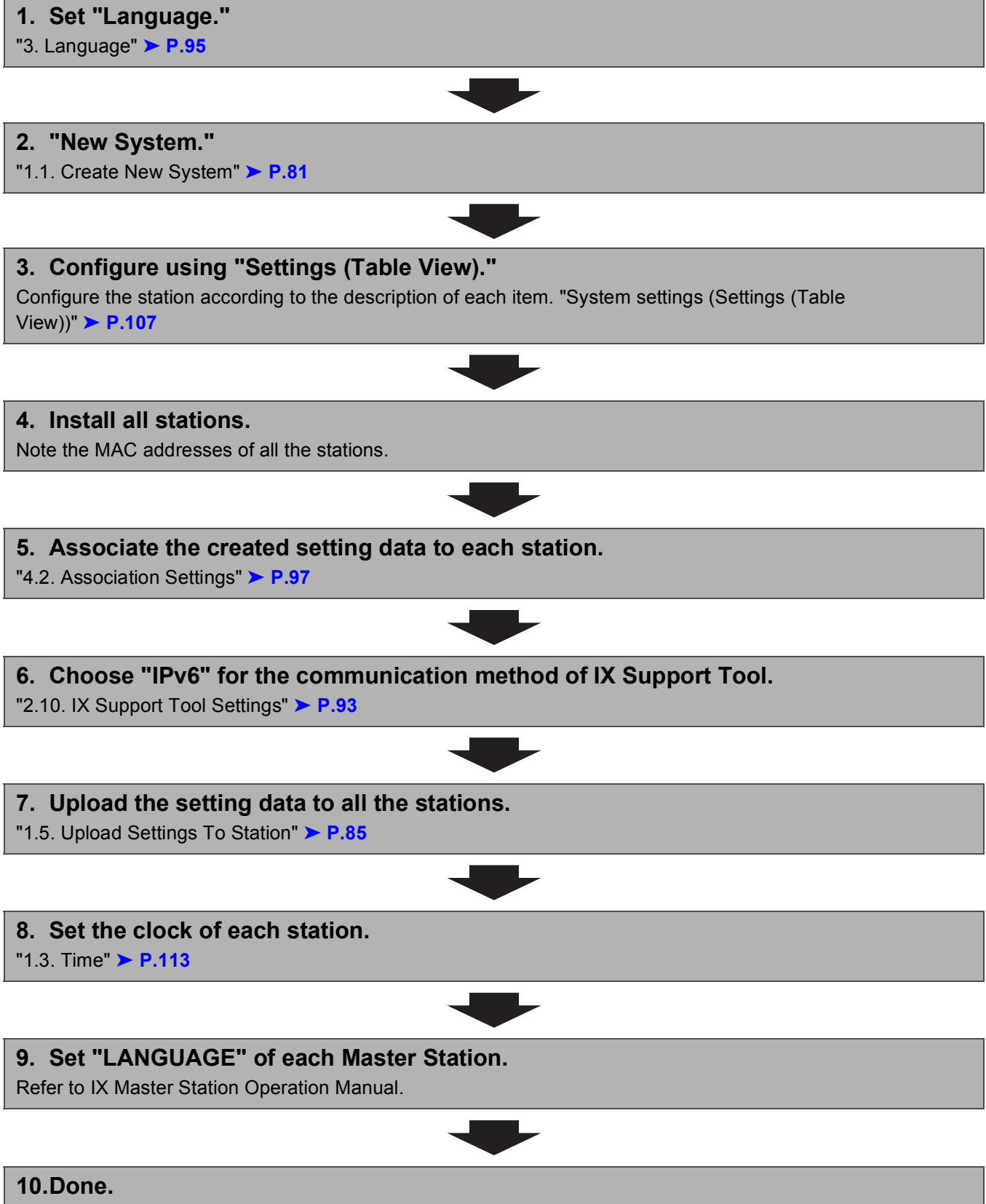
Refer to "■Where the setting file is saved" > P.82.

If the setting file is lost, station settings will need to be reconfigured.

## ■ For Static IPv6 Address

### ● Create new data

Use flowchart to create new configuration, e.g., when installing a new system.



**Important**

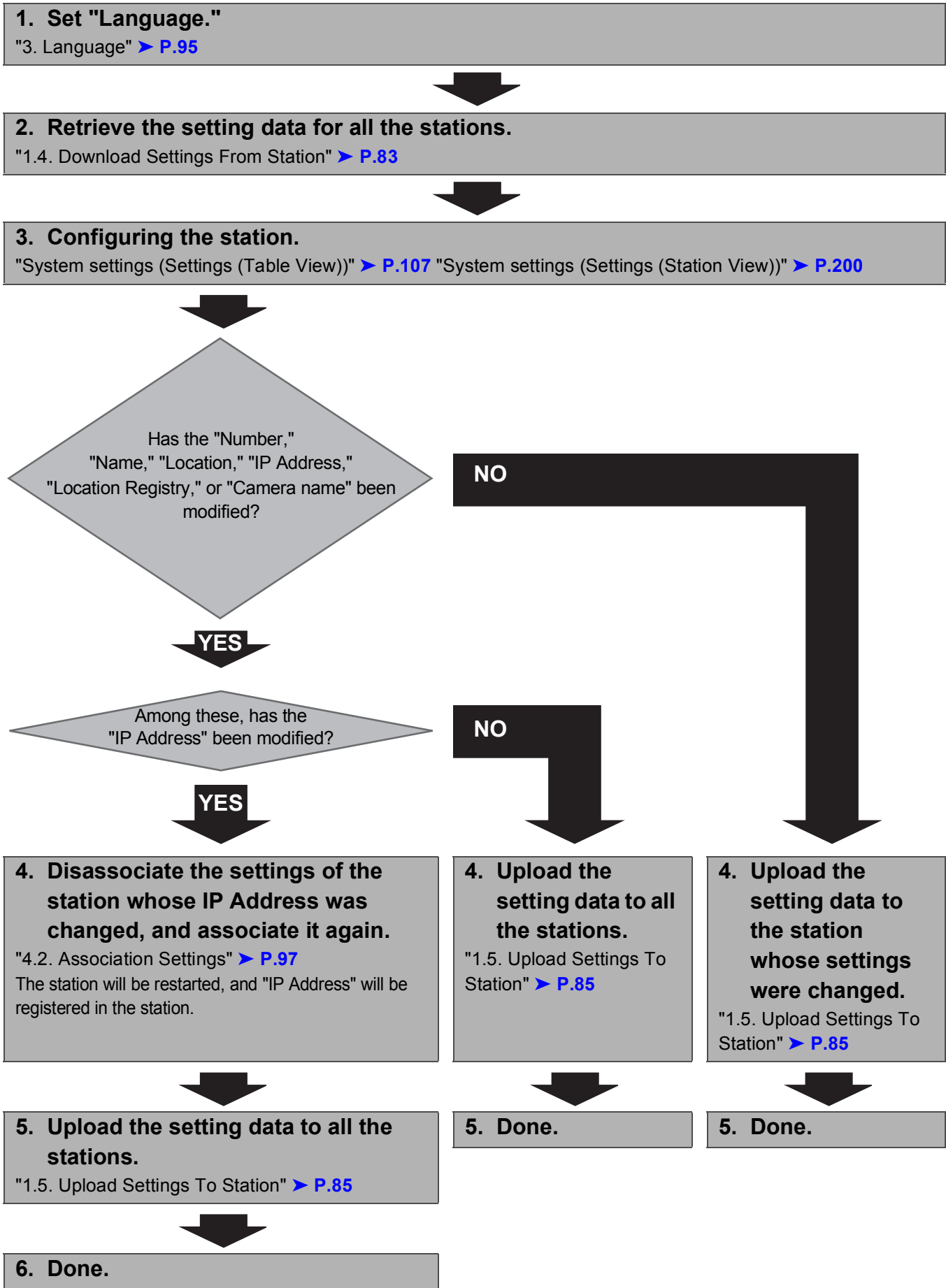
**Save the settings after configuring the system.**

**Refer to "■Where the setting file is saved" ▶ [P.82](#).**

**If the setting file is lost, station settings will need to be reconfigured.**

● **To change the Settings (For Static IPv6 Address)**

Use flowchart to change the Settings.



**Important**

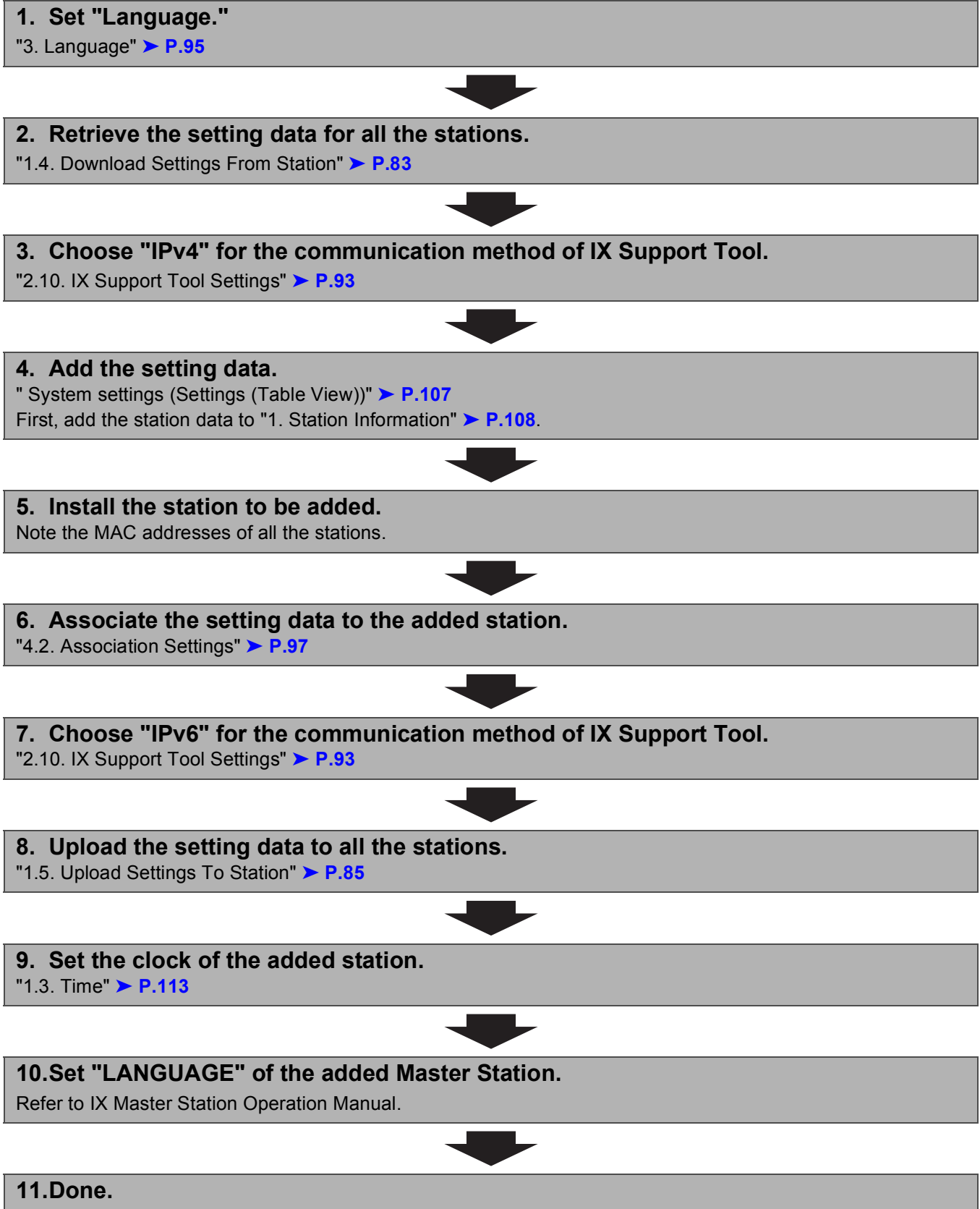
**Save the settings after configuring the system.**

**Refer to "■Where the setting file is saved" ▶ [P.82](#).**

**If the setting file is lost, station settings will need to be reconfigured.**

● **To add a station (For Static IPv6 Address)**

Use flowchart to add a station.



**Important**

Save the settings after configuring the system.

Refer to "■Where the setting file is saved" > P.82.

If the setting file is lost, station settings will need to be reconfigured.



● **To delete a station (For Static IPv6 Address)**

Use flowchart to delete a station.

**1. Set "Language."**

"3. Language" > [P.95](#)



**2. Retrieve the setting data for all the stations.**

"1.4. Download Settings From Station" > [P.83](#)



**3. From the setting data, delete the data of the station to be deleted.**

"1.1.1. Remove Station" > [P.110](#)

**Caution**

If a page is placed without deleting the station from the system, the operation may be delayed.



**4. Upload the setting data to all the stations.**

"1.5. Upload Settings To Station" > [P.85](#)



**5. Done.**

**Important**

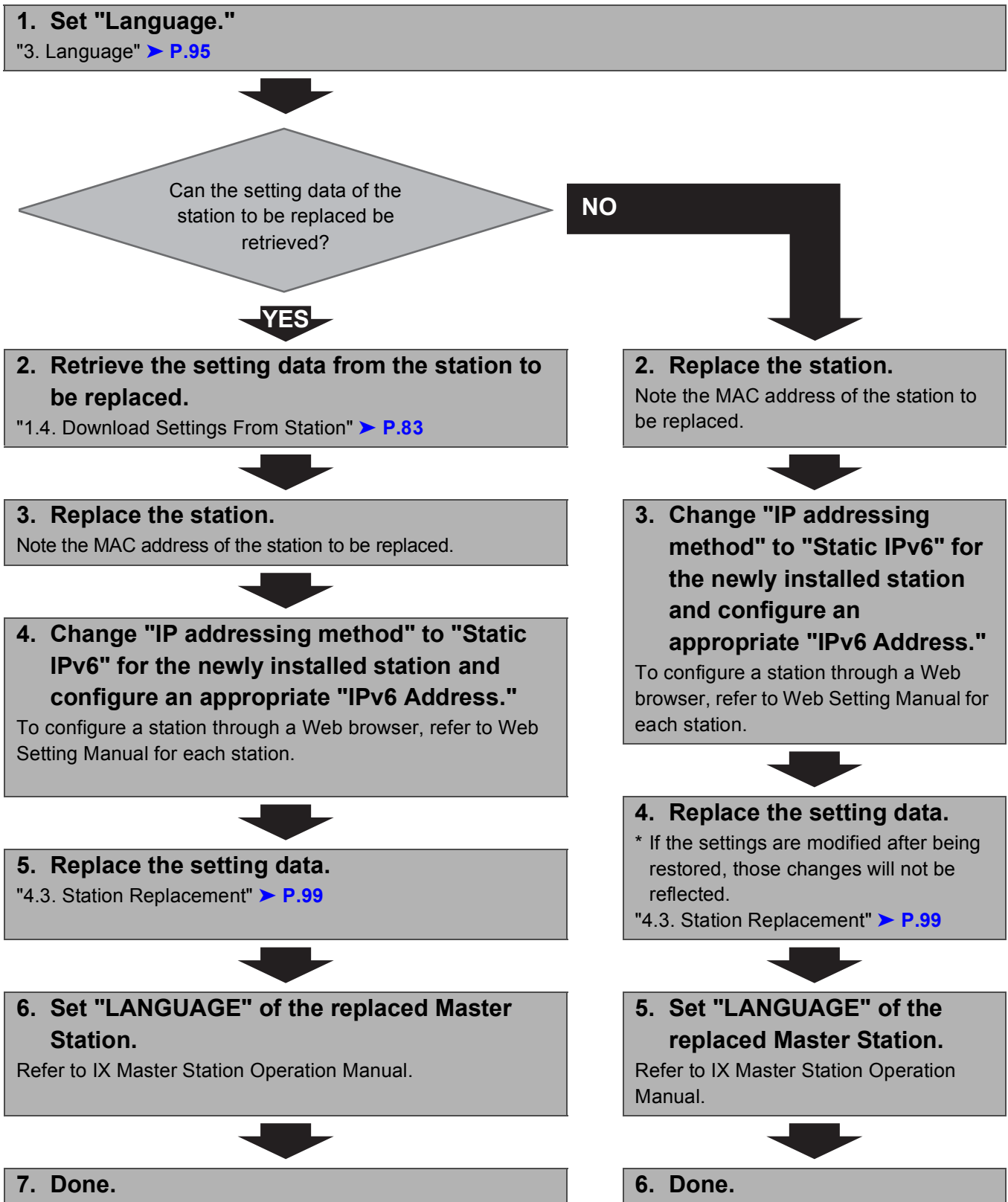
Save the settings after configuring the system.

Refer to "■Where the setting file is saved" > [P.82](#).

If the setting file is lost, station settings will need to be reconfigured.

● **To replace a station (For Static IPv6 Address)**

Use flowchart to replace a station.



**Important**

Save the settings after configuring the system.

Refer to "■Where the setting file is saved" > P.82.

If the setting file is lost, station settings will need to be reconfigured.

## ■ For stateless IPv6 Address

### ● Create new data

Use flowchart to create new configuration, e.g., when installing a new system.

#### 1. Install a device (e.g., router) which can transmit RA (supports the stateless IPv6 setting).

Do not change the device so that it cannot transmit Router Advertisement (RA).  
For how to set up, refer to the manual of the device.



#### 2. Set "Language."

"3. Language" > [P.95](#)



#### 3. "New System."

"1.1. Create New System" > [P.81](#)



#### 4. Configure using "Settings (Table View)."

Configure the station according to the description of each item. "System settings (Settings (Table View))" > [P.107](#)



#### 5. Install all stations.

Note the MAC addresses of all the stations.



#### 6. Associate the created setting data to each station.

"4.2. Association Settings" > [P.97](#)

Each station is restarted and IPv6 Address will be automatically configured.

If IP Address fails to be automatically configured, it will become "FDC2::7000." If this happens, cycle power to the station, and then the IP Address will be automatically reconfigured.



#### 7. Choose "IPv6" for the communication method of IX Support Tool.

"2.10. IX Support Tool Settings" > [P.93](#)



#### 8. Upload the setting data to all the stations.

"1.5. Upload Settings To Station" > [P.85](#)



#### 9. Set the clock of each station.

"1.3. Time" > [P.113](#)



#### 10. Set "LANGUAGE" of each Master Station.

Refer to IX Master Station Operation Manual.



#### 11. Done.

**Important**

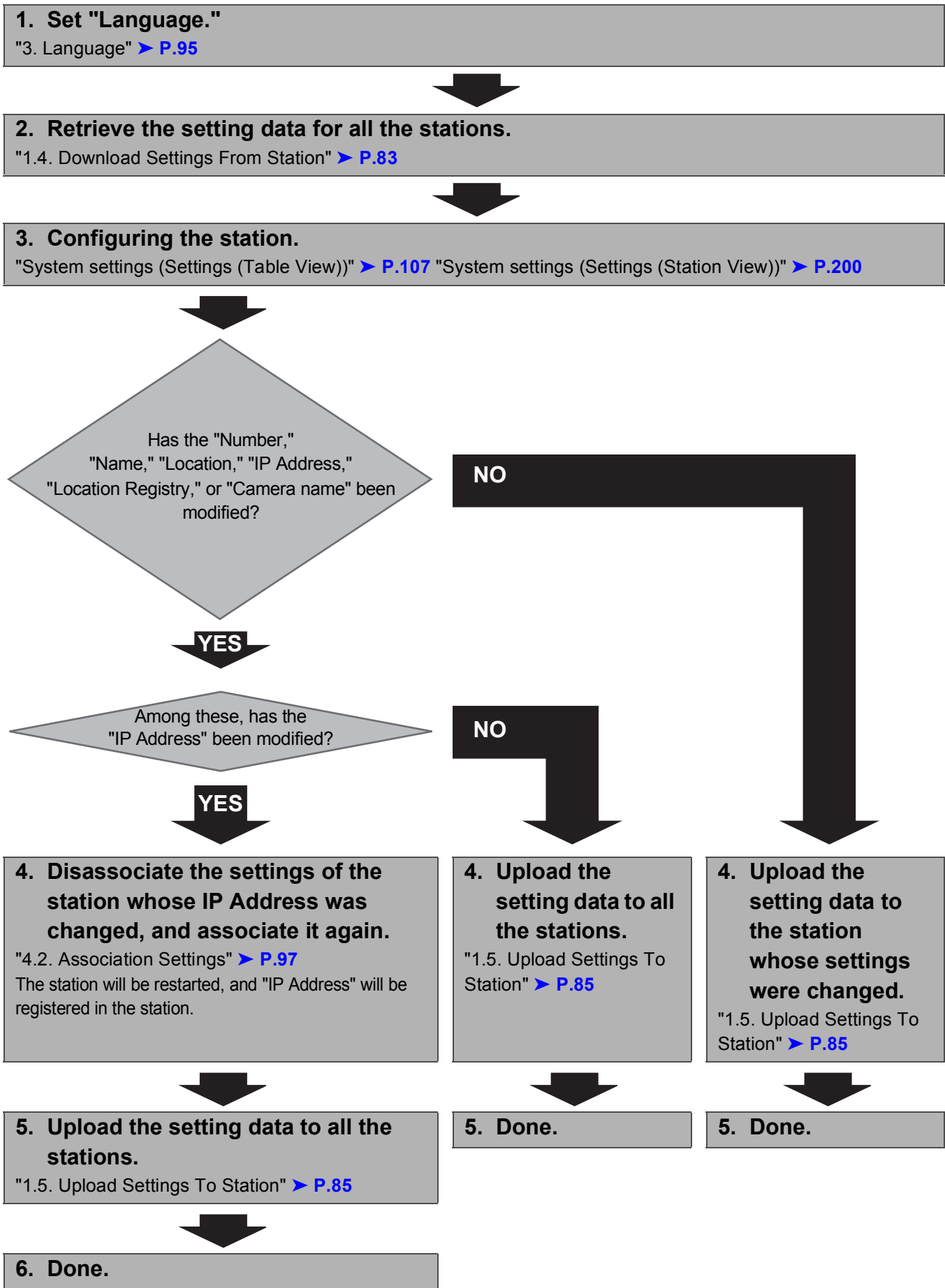
**Save the settings after configuring the system.**

**Refer to "■Where the setting file is saved" ▶ [P.82](#).**

**If the setting file is lost, station settings will need to be reconfigured.**

● **To change the Settings (For stateless IPv6 Address)**

Use flowchart to change the Settings.



**Important**

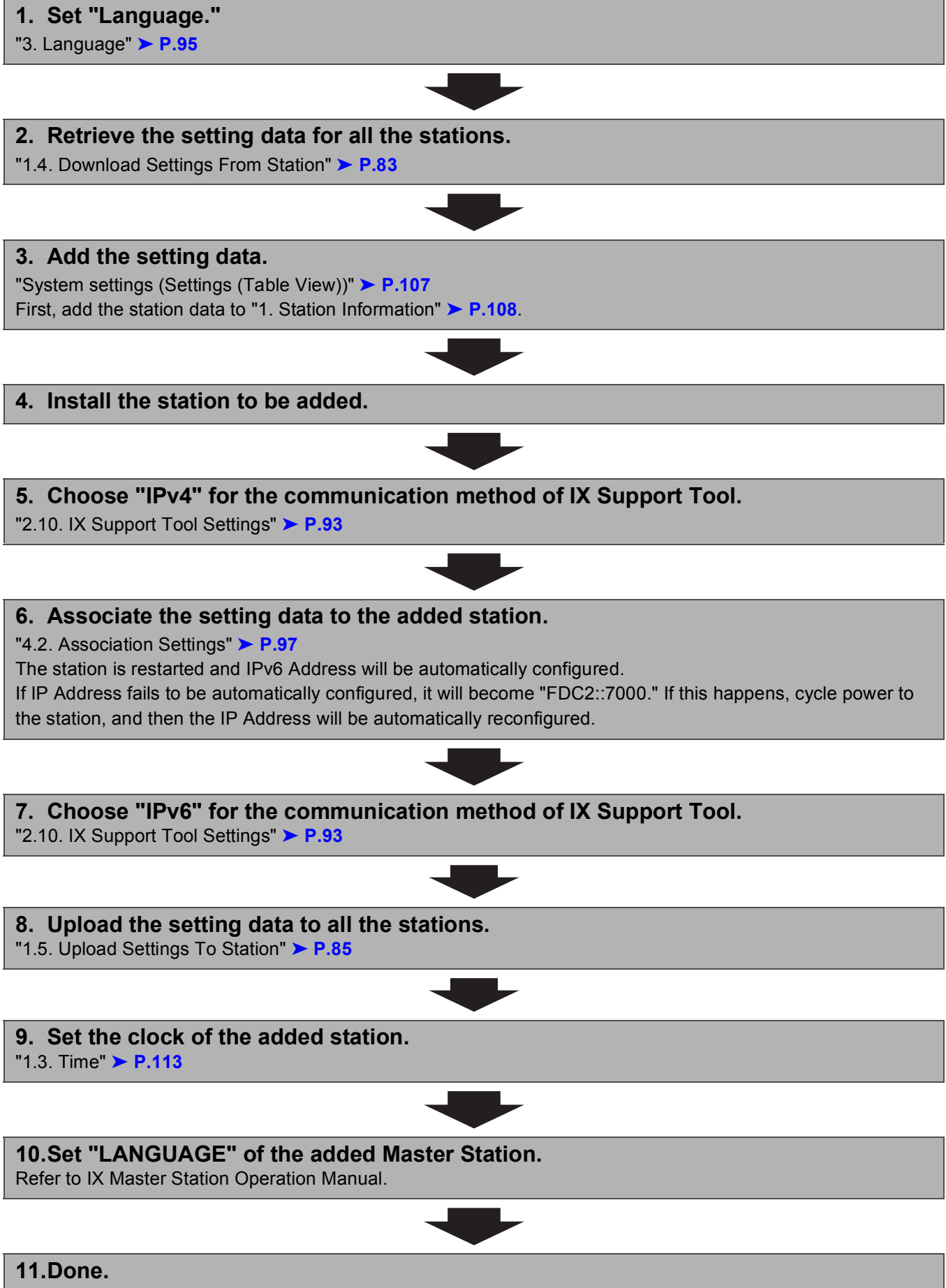
**Save the settings after configuring the system.**

**Refer to "■Where the setting file is saved" ▶ [P.82](#).**

**If the setting file is lost, station settings will need to be reconfigured.**

● **To add a station (For stateless IPv6 Address)**

Use flowchart to add a station.



**Important**

**Save the settings after configuring the system.**

**Refer to "■Where the setting file is saved" ▶ [P.82](#).**

**If the setting file is lost, station settings will need to be reconfigured.**



● **To delete a station (For stateless IPv6 Address)**

Use flowchart to delete a station.

**1. Set "Language."**

"3. Language" > [P.95](#)



**2. Retrieve the setting data for all the stations.**

"1.4. Download Settings From Station" > [P.83](#)



**3. From the setting data, delete the data of the station to be deleted.**

"1.1.1. Remove Station" > [P.110](#)

**Caution**

If a page is placed without deleting the station from the system, the operation may be delayed.



**4. Upload the setting data to all the stations.**

"1.5. Upload Settings To Station" > [P.85](#)



**5. Done.**

**Important**

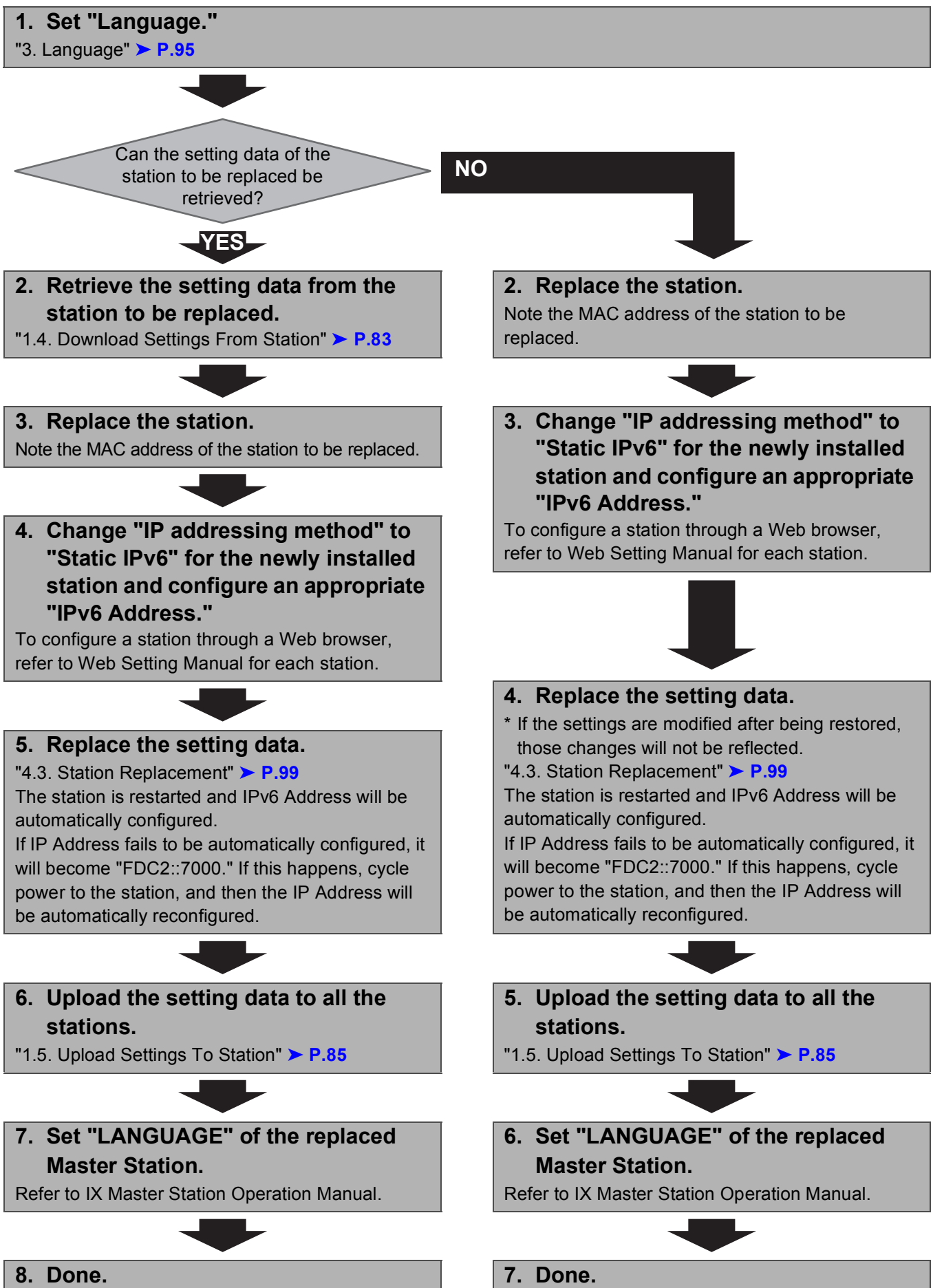
Save the settings after configuring the system.

Refer to "■Where the setting file is saved" > [P.82](#).

If the setting file is lost, station settings will need to be reconfigured.

● **To replace a station (For stateless IPv6 Address)**

Use flowchart to replace a station.



**Important**

**Save the settings after configuring the system.**

**Refer to "■Where the setting file is saved" ▶ [P.82](#).**

**If the setting file is lost, station settings will need to be reconfigured.**

## ■ For IPv6 Address with DHCP

### ● Create new data

Use flowchart to create new configuration, e.g., when installing a new system.

**1. Verify managed DHCP environment exists and that each station has been assigned a static IP address.**

DUID of the station is "00030001 + MAC address."



**2. Set "Language."**

"3. Language" > [P.95](#)



**3. "New System."**

"1.1. Create New System" > [P.81](#)



**4. Configure using "Settings (Table View)."**

Configure the station according to the description of each item. "System settings (Settings (Table View))" > [P.107](#)



**5. Install all stations.**

Note the MAC addresses of all the stations.



**6. Associate the created setting data to each station.**

"4.2. Association Settings" > [P.97](#)

The station is restarted and the IPv6 Address assigned by DHCP server beforehand will be assigned. If a DHCP address cannot be assigned, it will default to "FDC2::7000."



**7. Choose "IPv6" for the communication method of IX Support Tool.**

"2.10. IX Support Tool Settings" > [P.93](#)



**8. Upload the setting data to all the stations.**

"1.5. Upload Settings To Station" > [P.85](#)



**9. Set the clock of each station.**

"1.3. Time" > [P.113](#)



**10. Set "LANGUAGE" of each Master Station.**

Refer to IX Master Station Operation Manual.



**11. Done.**

**Important**

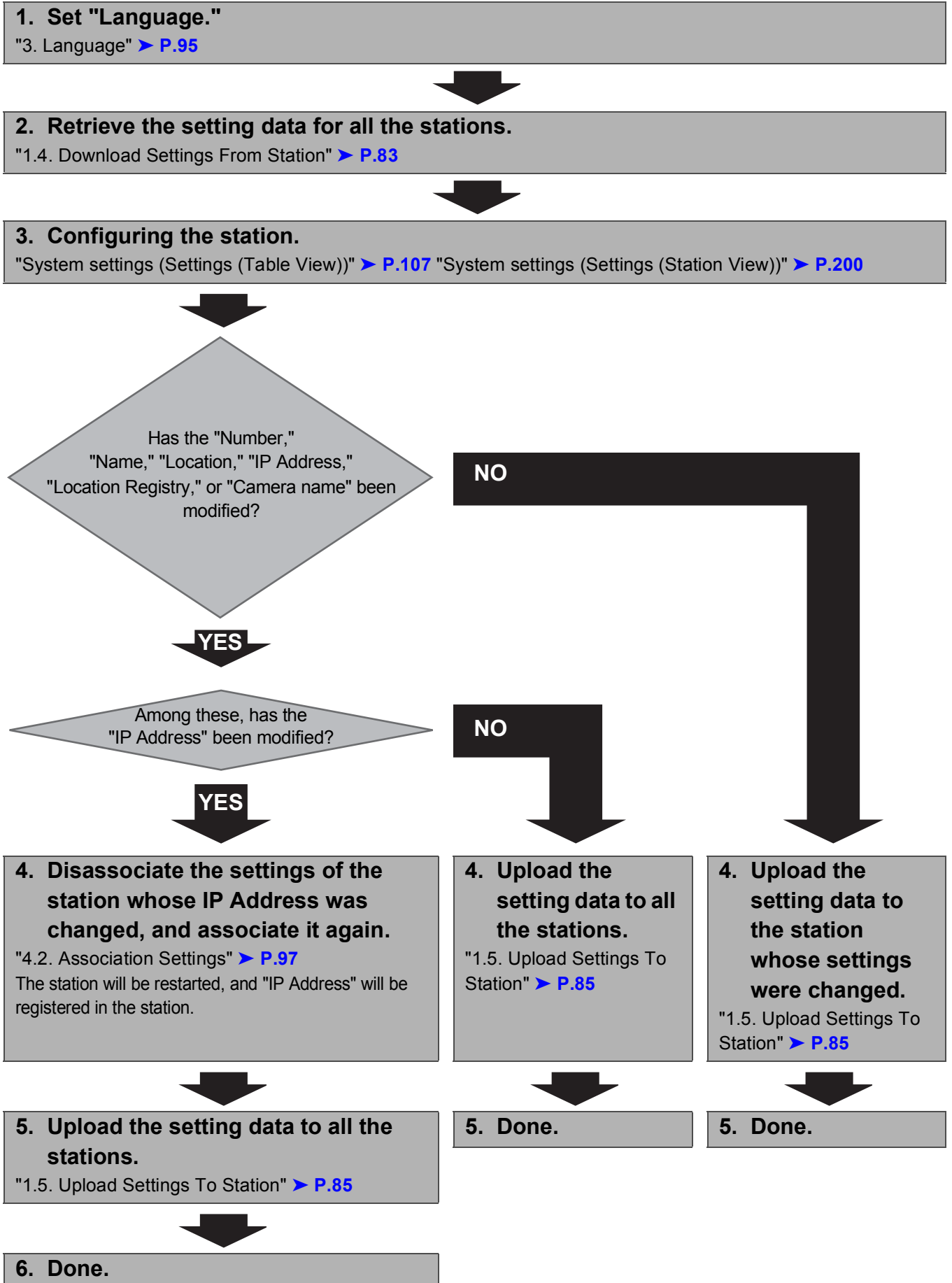
**Save the settings after configuring the system.**

**Refer to "■Where the setting file is saved" ▶ [P.82](#).**

**If the setting file is lost, station settings will need to be reconfigured.**

● **To change the Settings (For IPv6 Address with DHCP)**

Use flowchart to change the Settings.



**Important**

**Save the settings after configuring the system.**

**Refer to "■Where the setting file is saved" ▶ [P.82](#).**

**If the setting file is lost, station settings will need to be reconfigured.**

● **To add a station (For IPv6 Address with DHCP)**

Use flowchart to add a station.

**1. Verify managed DHCP environment exists and that each station has been assigned a static IP address.**

DUID of the station is "00030001 + MAC address."



**2. Set "Language."**

"3. Language" > [P.95](#)



**3. Retrieve the setting data for all the stations.**

"1.4. Download Settings From Station" > [P.83](#)



**4. Add the setting data.**

"System settings (Settings (Table View))" > [P.107](#)

First, add the station data to "1. Station Information" > [P.108](#).



**5. Install the station to be added.**



**6. Choose "IPv4" for the communication method of IX Support Tool.**

"2.10. IX Support Tool Settings" > [P.93](#)



**7. Associate the created setting data to each station.**

"4.2. Association Settings" > [P.97](#)

The station is restarted and the IPv6 Address assigned by DHCP server beforehand will be assigned.

If a DHCP address cannot be assigned, it will default to "FDC2::7000."



**8. Choose "IPv6" for the communication method of IX Support Tool.**

"2.10. IX Support Tool Settings" > [P.93](#)



**9. Upload the setting data to all the stations.**

"1.5. Upload Settings To Station" > [P.85](#)



**10. Set the clock of the added station.**

"1.3. Time" > [P.113](#)



**11. Set "LANGUAGE" of the added Master Station.**

Refer to IX Master Station Operation Manual.



**12. Done.**



**Important**

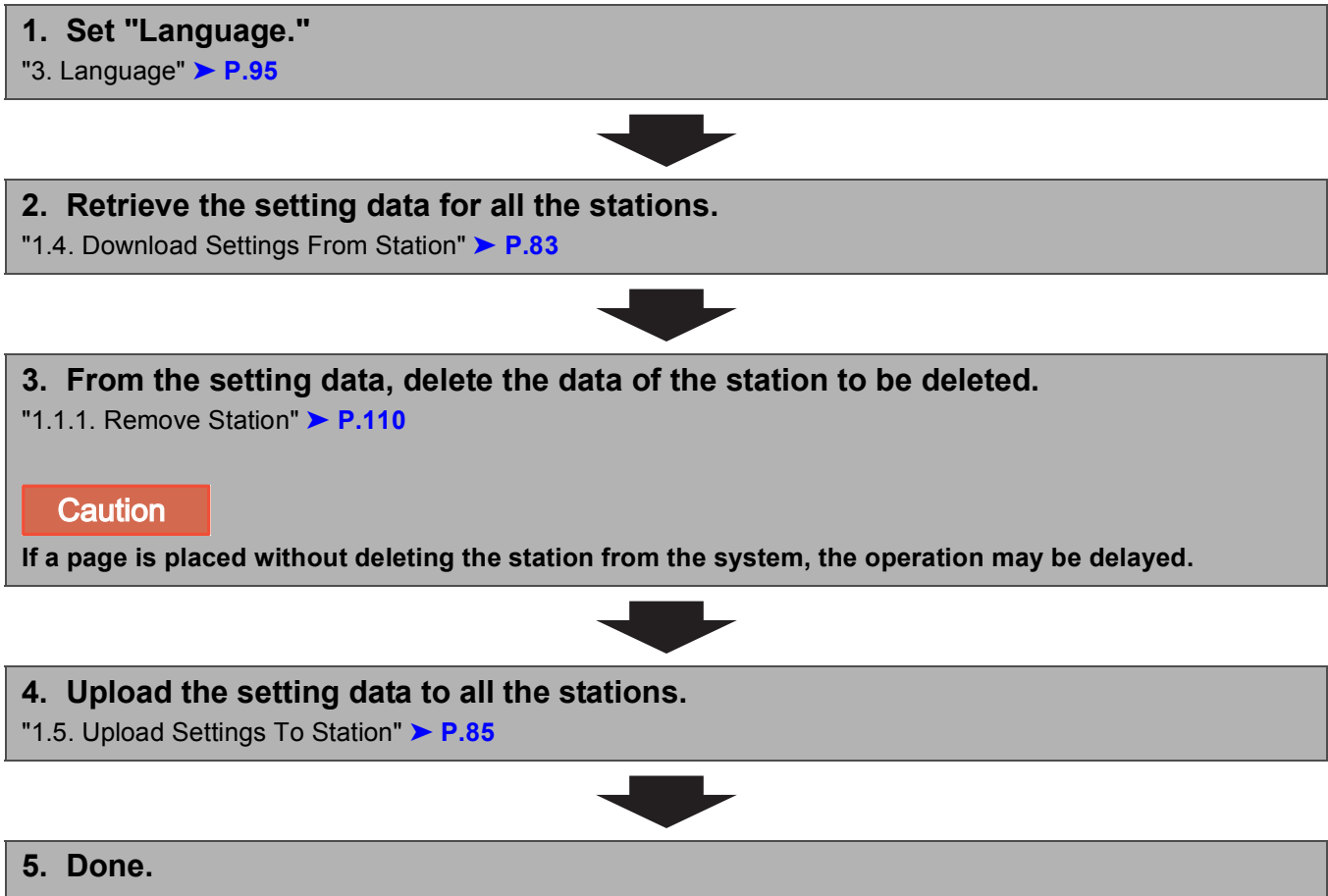
**Save the settings after configuring the system.**

**Refer to "■Where the setting file is saved" ▶ [P.82](#).**

**If the setting file is lost, station settings will need to be reconfigured.**

● **To delete a station (For IPv6 Address with DHCP)**

Use flowchart to delete a station.



**Caution**

If a page is placed without deleting the station from the system, the operation may be delayed.

**Important**

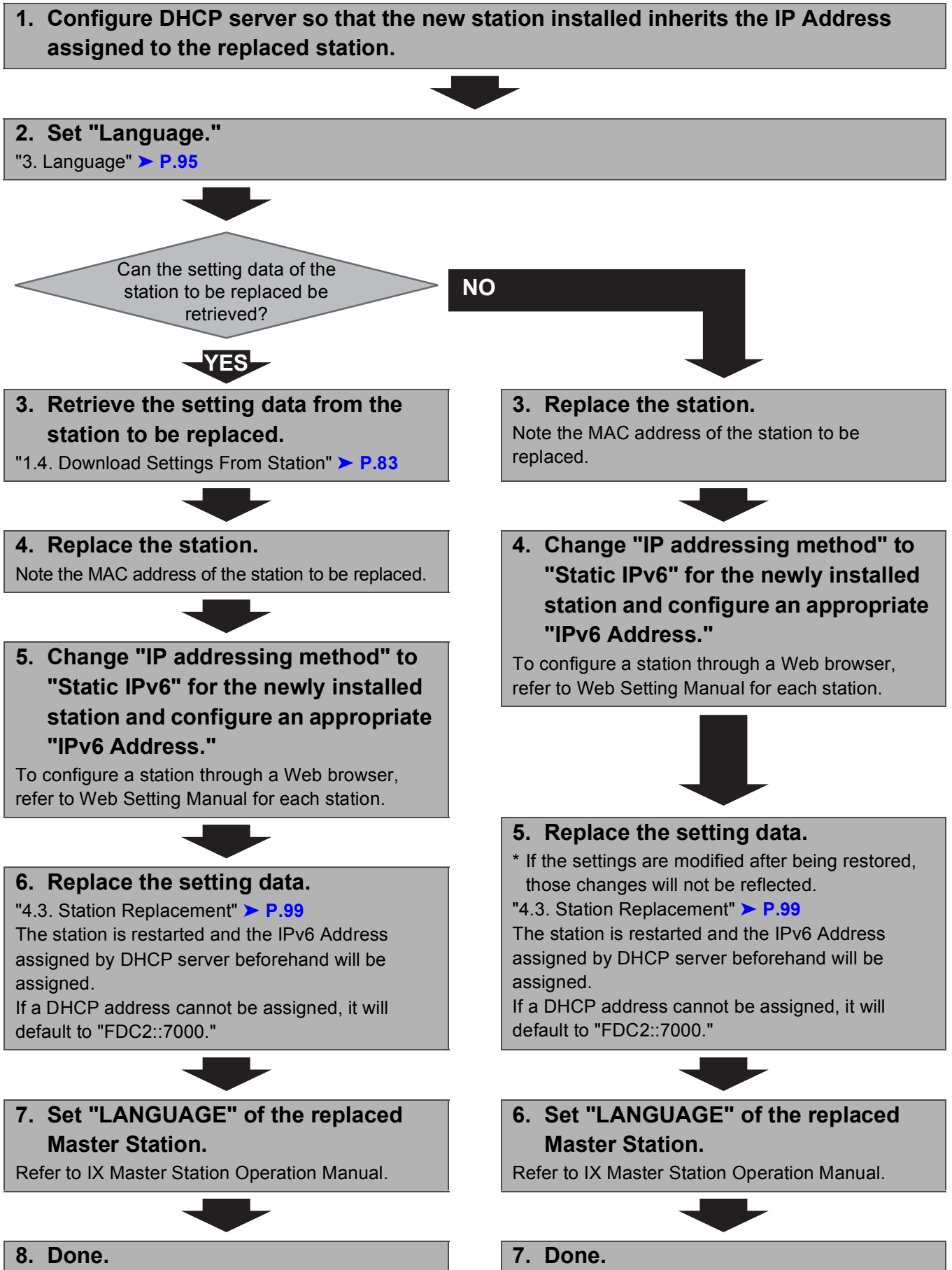
Save the settings after configuring the system.

Refer to "■Where the setting file is saved" > P.82.

If the setting file is lost, station settings will need to be reconfigured.

● **To replace a station (For IPv6 Address with DHCP)**

Use flowchart to replace a station.



**Important**

**Save the settings after configuring the system.**

**Refer to "■Where the setting file is saved" ▶ [P.82](#).**

**If the setting file is lost, station settings will need to be reconfigured.**

# Startup and Configuration

# 1. System requirements

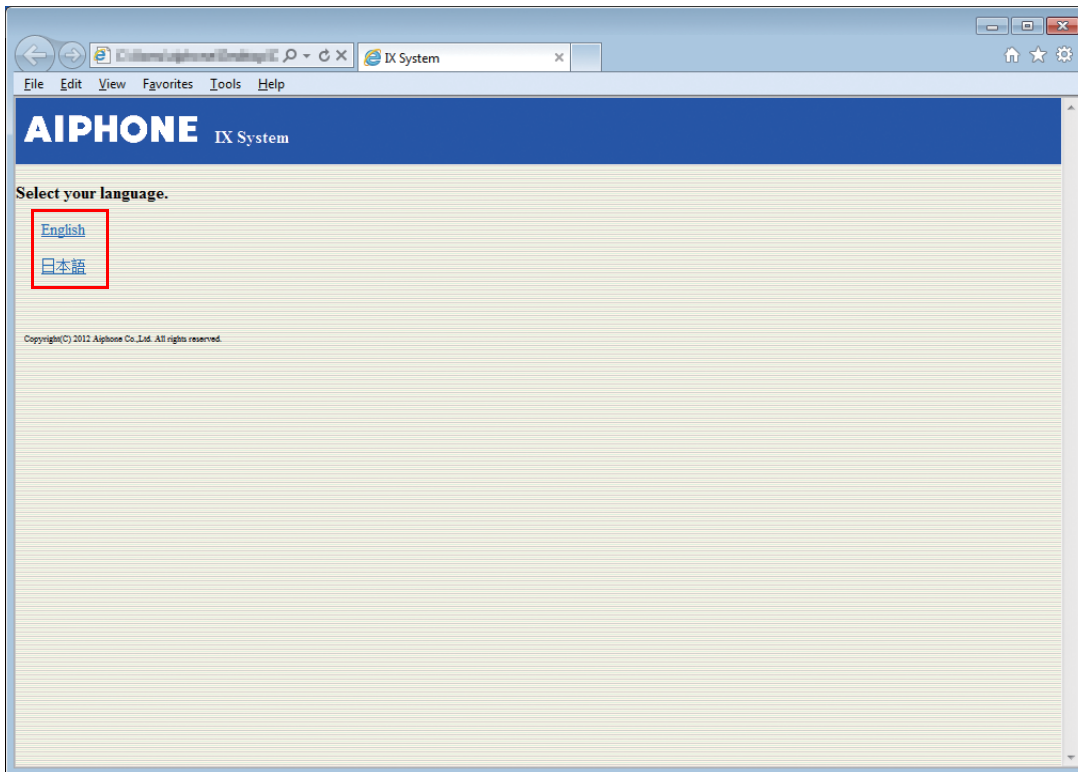
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PC requirements for using the IX Support Tool.

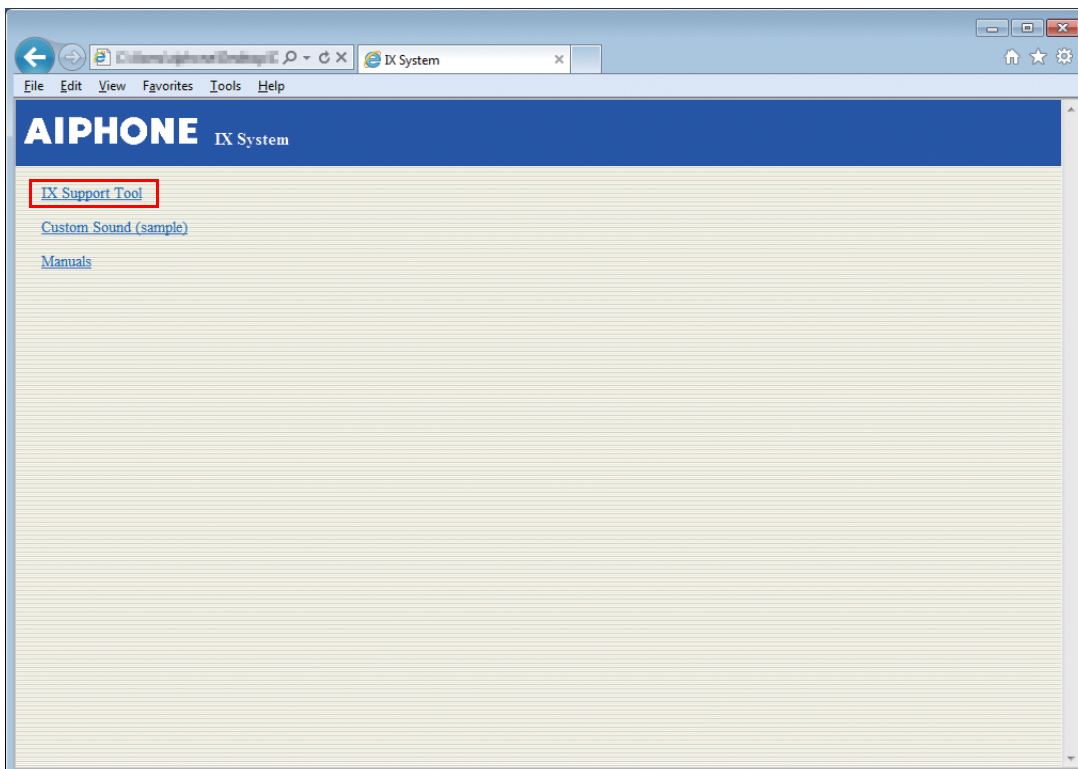
<b>Operating System</b>	Windows XP Professional Edition SP3 Windows 7 Professional, Windows 7 Enterprise, Windows 7 Ultimate Windows 8, Windows 8 pro, Windows 8 Enterprise
<b>CPU</b>	32 bit (x86) processor or 64 bit (x64) processor of 1 GHz or higher
<b>Memory</b>	1 GB RAM (32 bit) or 2 GB RAM (64 bit)

## 2. Installing IX Support Tool

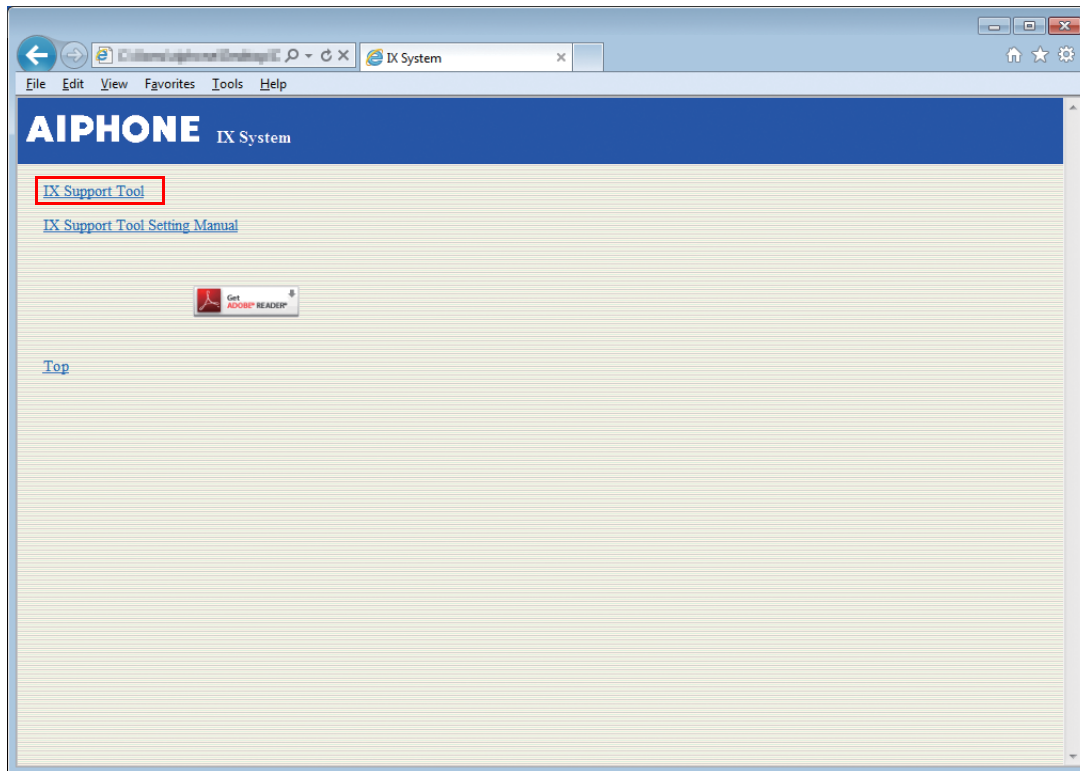
- 1) Insert the DVD-ROM that comes with the Master Station into the PC. When the following window is shown, select the language.



- 2) Click "IX Support Tool."



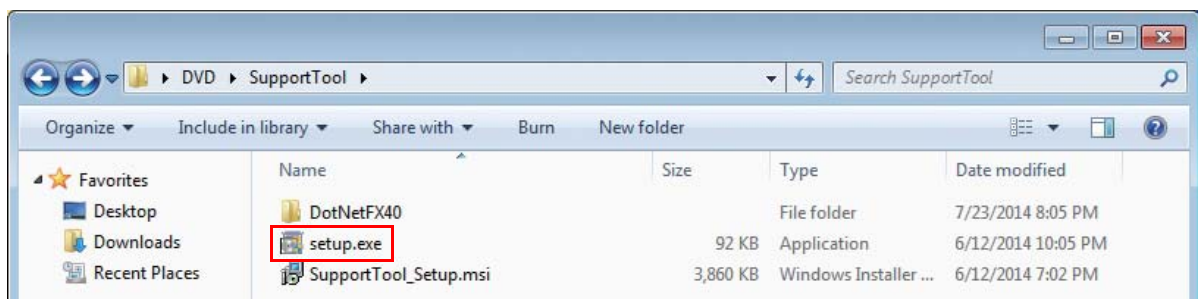
3) Click "IX Support Tool" again.



4) Next, install IX Support Tool onto PC.

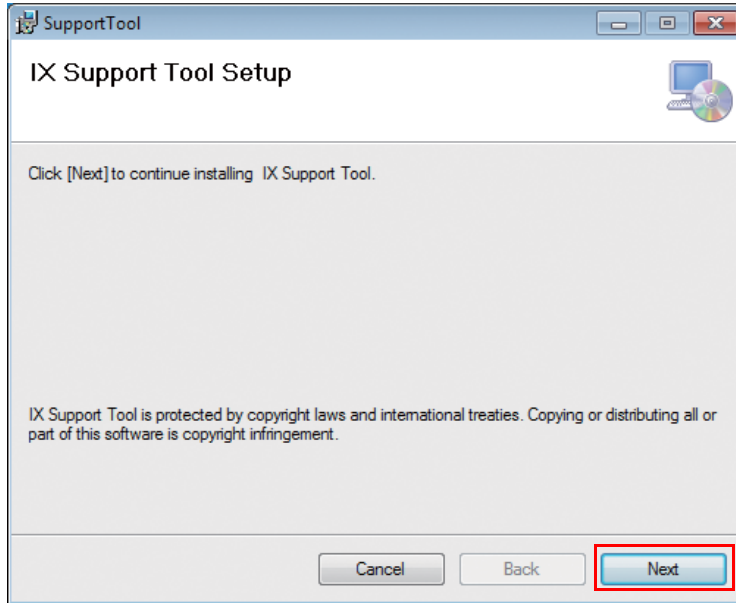
Double-click "setup.exe" to install IX Support Tool.

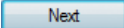
- If .NET Frameworks4 is not installed yet, install .NET Frameworks4 first. Install this, following the instructions on the screen.

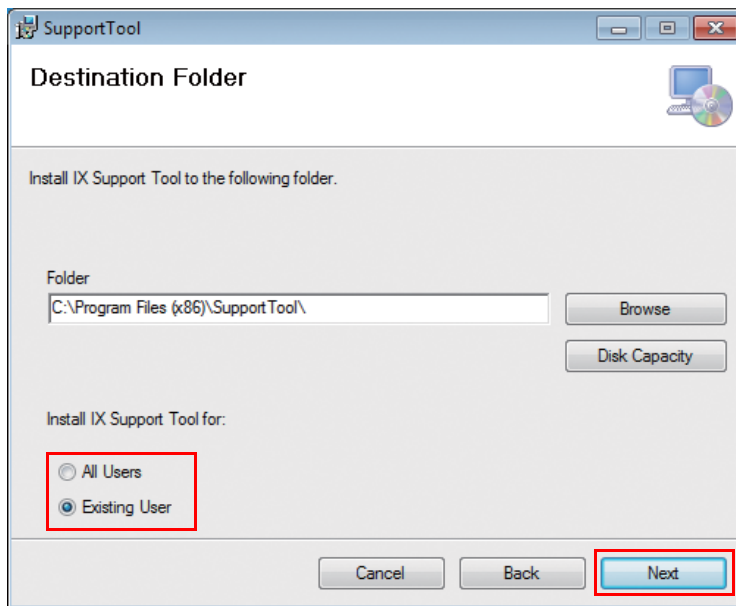




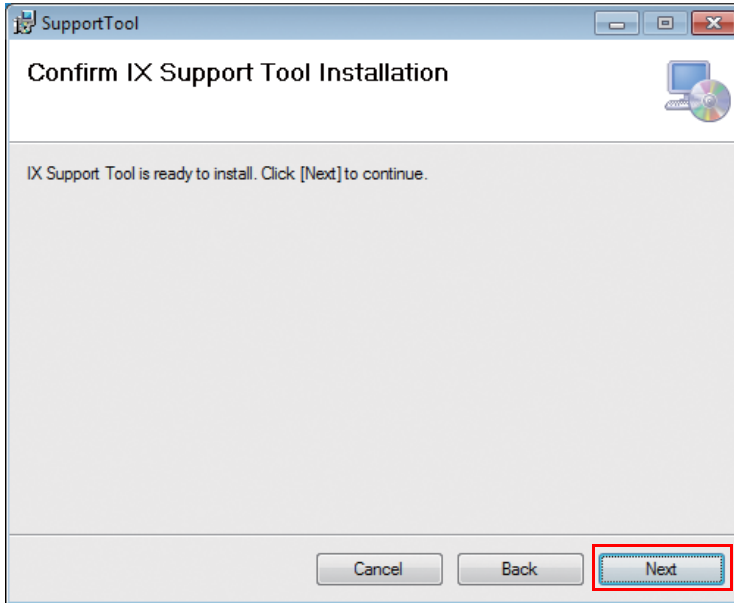
5) Click .



6) Choose the user who will use IX Support Tool, and click .

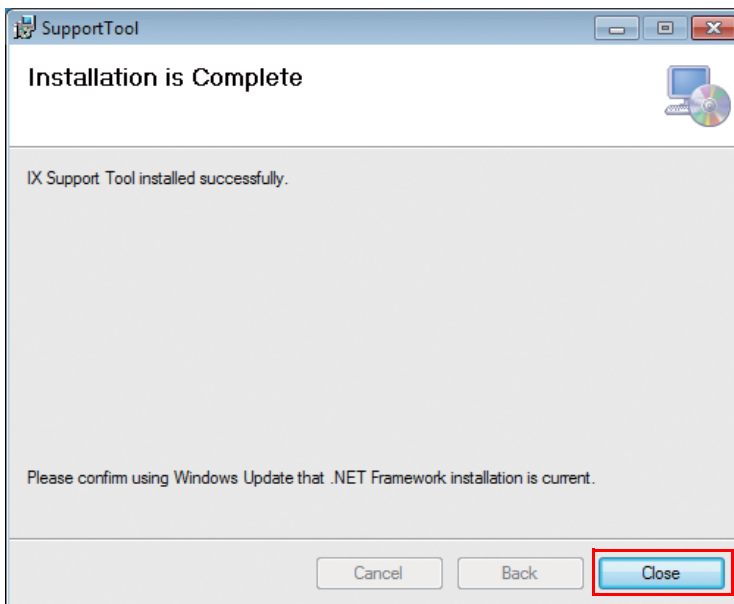


7) Click .



\* When the "User Account Control" is shown, click YES/OK.

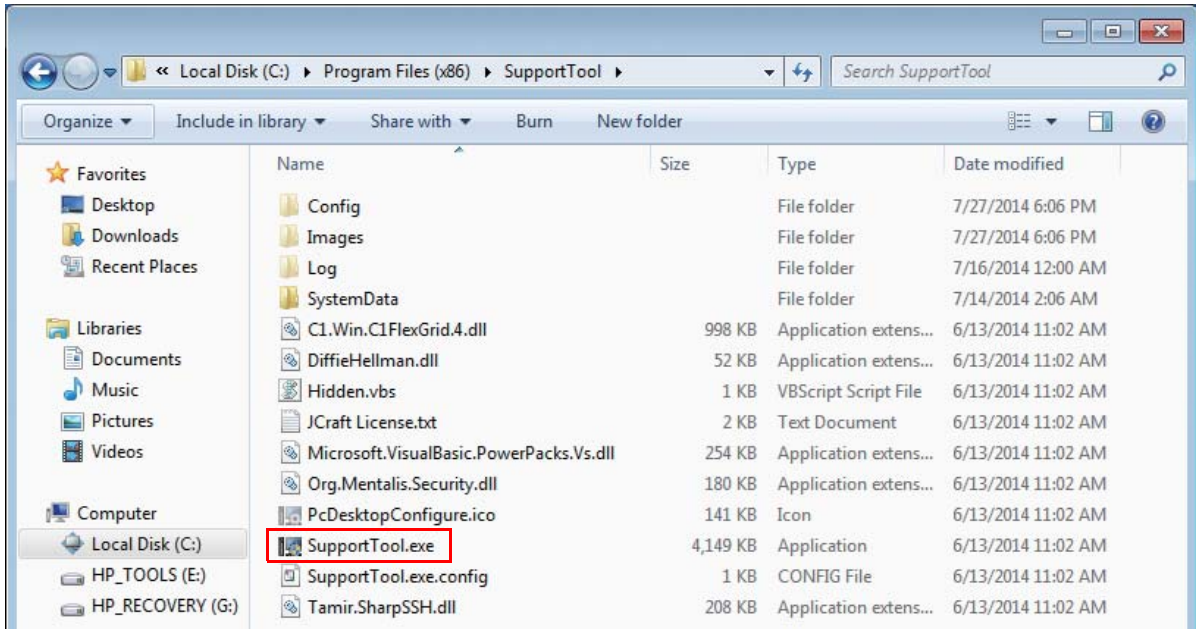
8) Click .

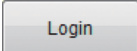


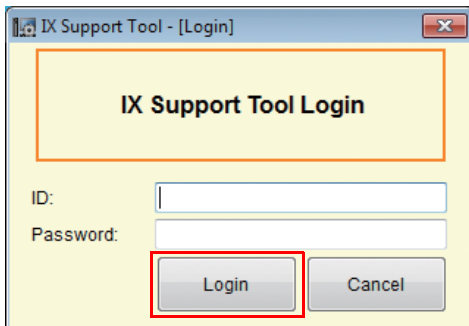
\* IX Support Tool is now installed.

### 3. Login and registration of the station

- 1) In the folder specified at installation, double-click "SupportTool.exe."  
 (With the default setting, IX Support Tool will be installed in "My Computer" > "Local disc (C)" > "Program Files" > "SupportTool.")

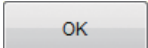


- 2) Enter "ID" and "Password" and click .
- The setting data configured during the previous login session will be shown.
  - When first logging into IX Support Tool, go to Step 3).



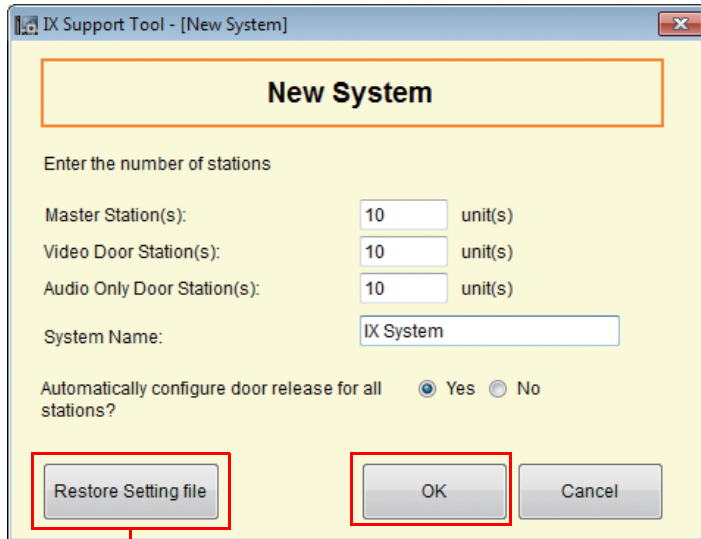
\* The default ID and Password are "admin."

When first logging into IX Support Tool:

- 3) "New System" will be shown. Enter the number of stations to be registered and the system name\*, then click .

When Door Release Settings do not exist or when Door Release Settings for each door will be configured individually, disable "Automatically configure door release for all stations?"

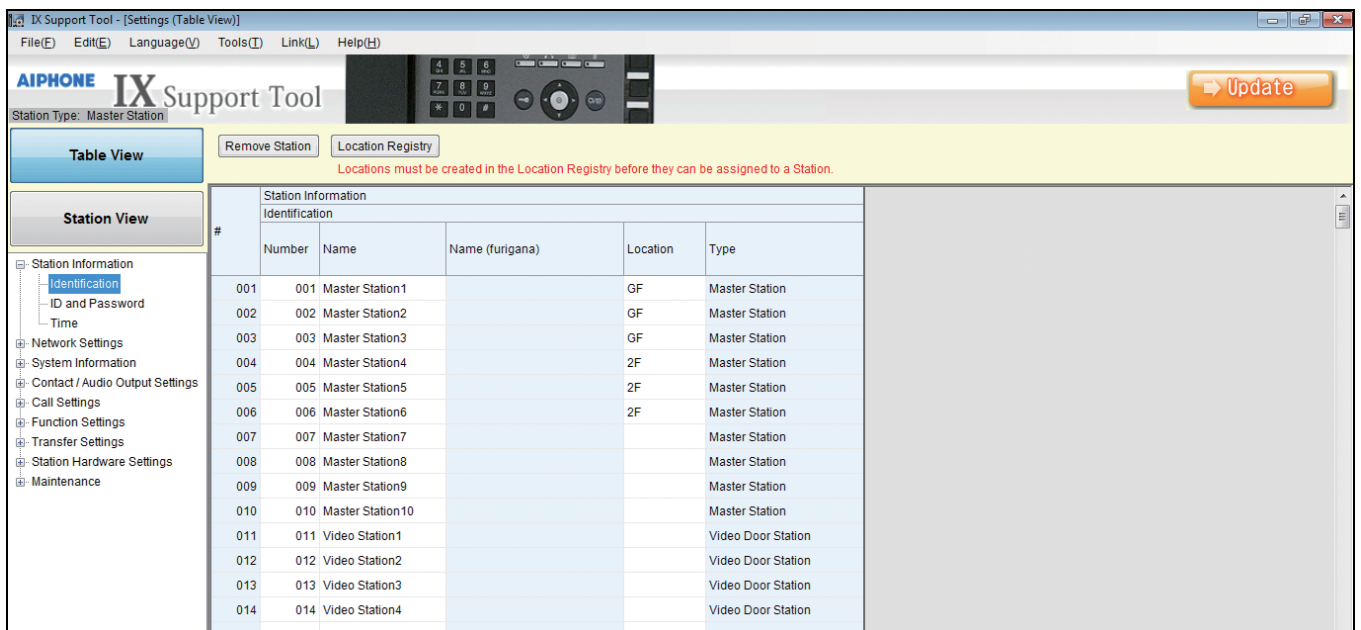
- IX Support Tool will be started.



"4.4. Restore System Settings" > [P.101](#)

- \* Enter the number of stations depending on the usage environment. This can be changed later.

The setting data for the number of stations will be automatically created.



## 4. How to configure

When logging into the IX Support Tool, the following setting window will be shown. Each station can be configured from this window.

- Depending on PC and OS being used, the window may be slightly different.
- After configuring the stations, confirm the operation by referring to the Operation Manuals for each station.

### 4.1. Settings window

#### ■ Settings window sample

##### Settings (Table View) ▶ P.107

Configure all the stations in the system from the Settings window.

**Setting Switching:**  
Click to switch the window to Settings (Station View).

**Update button:**  
Click this button to update the station settings.

**Menu bar:** ▶ P.80

**Settings window:**  
This indicates the Setting window of the title selected.

Number	Name	Name (furigana)	Location	Type
001	001	Master Station 1	GF	Master Station
002	002	Master Station2	GF	Master Station
003	003	Master Station3	GF	Master Station
004	004	Master Station4	2F	Master Station
005	005	Master Station5	2F	Master Station
006	006	Master Station6	2F	Master Station
007	007	Master Station7		Master Station
008	008	Master Station8		Master Station
009	009	Master Station9		Master Station
010	010	Master Station10		Master Station
011	011	Video Station1		Video Door Station
012	012	Video Station2		Video Door Station
013	013	Video Station3		Video Door Station
014	014	Video Station4		Video Door Station
015	015	Video Station5		Video Door Station

**Setting menu:**  
Show all items that can be configured. Click the title to be configured and appropriate setting window will display.

## Settings (Station View) > P.200

Configure each station in the system individually.

### Setting Switching:

Click to switch the window to Settings (Table View).

### Update button:

Click this button to update the station settings.

**Menu bar:** > P.80

**Change Station:**  
Choose the station to be edited.

**Copy Settings:**  
The settings being edited will be copied to another station. > P.64

Station data in the process of editing

**Table View**

**Station View**

**Select Station to Edit**

**Copy Settings**

**Station Information**

**Identification**

- Number: 001 (3-5 digits)
- Name: Master Station1 (1-24 alphanumeric characters)
- Name (furigana): (1-24 alphanumeric characters)
- Location: GF (1-24 alphanumeric characters)

**ID and Password**

- Administrator ID: admin (1-32 alphanumeric characters)
- Administrator Password: \*\*\*\*\* (1-32 alphanumeric characters)
- User ID: user (1-32 alphanumeric characters)
- User Password: \*\*\*\*\* (1-32 alphanumeric characters)

**Update**

### Setting menu:

Show all items that can be configured. Click the title to be configured and appropriate setting window will display.

### Settings window:

This indicates the Settings window of the title selected.



## Point

Settings which cannot be modified will be grayed out.


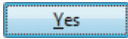
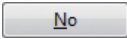
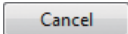
## 4.2. How to configure

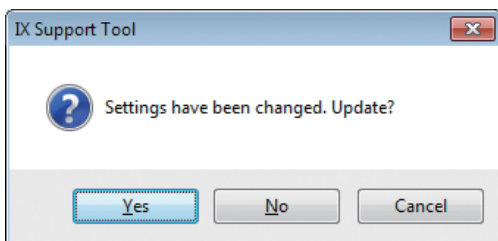
- 1) Click the title to be configured.  
The Settings window for that particular title will be shown.
- 2) Configure each entry in this window.
  - The selected field will turn orange. (Settings (Table View) only)
  - When changing the settings, the field will turn pink. (Settings (Table View) only)
  - Some titles allow copy and paste.


Station Information					
Identification					
#	Number	Name	Name (furigana)	Location	Type
001	100	Master station 1		GF	Master Station
002	200	Master station 2			Master Station
003	300	Door Station 1			Video Door Station

- 3) When done with the window, click  to save the settings.  
To cancel the settings, click another title in the Setting menu.
  - If there is an error when clicking , the error message will be shown and the settings will not be allowed to be saved.  
The field will be shown in red if there is an error. (Settings (Table View) only)

Station Information					
Identification					
#	Number	Name	Name (furigana)	Location	Type
001	100	Master station 1		GF	Master Station
002	200	Master station 2		2F	Master Station
003	300	Door Station 1		Main Entrance	Video Door Station

- If another title is selected without clicking , the system will prompt to save the settings. Click  to save the settings; click  to continue without saving.
- When clicking , the screen goes back to the previous one.



- 4) Repeat steps 1 through 3 for other titles.
  - To log out of IX Support Tool, click .

### Point

If switching to another Settings window without clicking , the settings will not be saved.

## 4.3. Copy Settings (Settings (Station View))

Copy the settings marked with "♣" in the Settings (Station View). The copied settings can be applied either to all the stations or to all the station of the same type.

Copy Settings

Copy to all stations

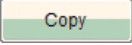
Copy to stations by Type 2)

Settings: ID and Password 3)

♣ Indicates fields which can be copied

Copy 4)

### How to copy the settings

- 1) Display the setting window to be copied.
- 2) Check either "Copy to all stations" or "Copy to stations by Type."
- 3) Select the items to be copied from "Settings."
- 4) Click .
  - The settings will be copied.



## 5. System settings list

The following items can be configured using IX Support Tool.

The symbols indicate the following:

- ◆: Indicates a required field. A value should be entered. Retain the default settings, unless a change is necessary.
- ♣: The content of the settings item can be copied.

### Point

- The following list is the summary of IX Support Tool. The contents, how they are displayed, and the order of entries may vary from the actual ones.
- Download the Settings data (▶ [P.198](#) for the Settings (Table View); ▶ [P.284](#) for Settings (Station View) (Maintenance)) and store it at a safe location.

### ■ Settings (Table View)

Category	Subcategory	Entry	Reference Page
<b>Station Information</b>			
Identification	-	Number ◆	▶ <a href="#">P.108</a>
		Name	▶ <a href="#">P.108</a>
		Location	▶ <a href="#">P.108</a>
		Type	▶ <a href="#">P.109</a>
ID and Password	-	Administrator ID ◆	▶ <a href="#">P.112</a>
		Administrator Password ◆	▶ <a href="#">P.112</a>
		User ID ◆	▶ <a href="#">P.112</a>
		User Password ◆	▶ <a href="#">P.112</a>
Time	NTP	Enable NTP	▶ <a href="#">P.113</a>
	Time Zone	Select time zone	▶ <a href="#">P.113</a>
	Daylight Savings Time	Enable automatic daylight savings time	▶ <a href="#">P.113</a>
	Manual Date / Time Setup	Manual Date / Time Setup	▶ <a href="#">P.114</a>
<b>Network Settings</b>			
IP Address	IP Version	-	▶ <a href="#">P.116</a>
	IP addressing method	-	▶ <a href="#">P.117</a>
	IPv4 Address	IP Address ◆	▶ <a href="#">P.118</a>
		Subnet Mask ◆	▶ <a href="#">P.118</a>
		Default Gateway	▶ <a href="#">P.118</a>

Category	Subcategory	Entry	Reference Page
IP Address	IPv6 Address	IP Address ♦	<a href="#">▶ P.118</a>
		Default Gateway	<a href="#">▶ P.118</a>
DNS	Primary Server	IPv4	<a href="#">▶ P.120</a>
		IPv6	<a href="#">▶ P.120</a>
	Secondary Server	IPv4	<a href="#">▶ P.120</a>
		IPv6	<a href="#">▶ P.120</a>
SIP	Connection	SIP Signaling Port ♦	<a href="#">▶ P.121</a>
	Miscellaneous	Call health check timer [sec] ♦	<a href="#">▶ P.121</a>
Multicast Address (Master Station and Video Door Station only)	Master Station: For Paging, Video Door Station: For Call	IPv4	<a href="#">▶ P.122</a>
		IPv6	<a href="#">▶ P.122</a>
Video	Video Encoder 1	Coding System (Video Door Station only)	<a href="#">▶ P.124</a>
		Resolution (Video Door Station only)	<a href="#">▶ P.124</a>
		Frame Rate [fps] (Video Door Station only)	<a href="#">▶ P.124</a>
		Select Profile [H.264 / AVC] (Video Door Station only)	<a href="#">▶ P.124</a>
		I-picture interval [H.264 / AVC] ♦ (Video Door Station only)	<a href="#">▶ P.125</a>
		Bit rate [kbps] [H.264 / AVC] (Video Door Station only)	<a href="#">▶ P.125</a>
		Select Quality [Motion-JPEG] (Video Door Station only)	<a href="#">▶ P.125</a>
		RTP Start Port ♦ (Master Station and Video Door Station only)	<a href="#">▶ P.125</a>
		RTP End Port ♦ (Master Station and Video Door Station only)	<a href="#">▶ P.125</a>

Category	Subcategory	Entry	Reference Page
Video	Video Encoder 2	Second Video Encoder (Video Door Station only)	<a href="#">▶ P.126</a>
		Coding System (Video Door Station only)	<a href="#">▶ P.126</a>
		Resolution (Video Door Station only)	<a href="#">▶ P.126</a>
		Frame Rate [fps] (Video Door Station only)	<a href="#">▶ P.126</a>
		Select Profile [H.264 / AVC] (Video Door Station only)	<a href="#">▶ P.126</a>
		I-picture interval [H.264 / AVC] ♦ (Video Door Station only)	<a href="#">▶ P.127</a>
		Bit rate [kbps] [H.264 / AVC] (Video Door Station only)	<a href="#">▶ P.127</a>
		Select Quality [Motion-JPEG] (Video Door Station only)	<a href="#">▶ P.127</a>
		RTP Start Port ♦ (Master Station and Video Door Station only)	<a href="#">▶ P.127</a>
		RTP End Port ♦ (Master Station and Video Door Station only)	<a href="#">▶ P.127</a>
Audio	-	Audio CODEC	<a href="#">▶ P.129</a>
		Audio RTP Transmission Interval [msec]	<a href="#">▶ P.129</a>
		RTP Idle Detection Time [sec] ♦	<a href="#">▶ P.129</a>
		Audio 1 RTP Start Port ♦	<a href="#">▶ P.130</a>
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		Audio 2 RTP Start Port ♦	<a href="#">▶ P.130</a>
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	Audio Buffer	Packets Buffered at Audio Start	<a href="#">▶ P.131</a>
	Maximum Packets Buffered	<a href="#">▶ P.131</a>	
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		TOS Value (Video)(Video Door Station only)	<a href="#">▶ P.132</a>
		TOS Value (SIP)	<a href="#">▶ P.132</a>
		VLAN Setting	<a href="#">▶ P.132</a>
		VLAN ID ♦	<a href="#">▶ P.133</a>
		VLAN Priority	<a href="#">▶ P.133</a>

Category	Subcategory	Entry	Reference Page
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		Address [IPv6]	<a href="#">▶ P.134</a>
		Port	<a href="#">▶ P.134</a>
	Secondary Server	Address [IPv4]	<a href="#">▶ P.135</a>
		Address [IPv6]	<a href="#">▶ P.135</a>
		Port	<a href="#">▶ P.135</a>
	-	Synchronization Interval [hour] ♦	<a href="#">▶ P.135</a>
<b>System Information</b>			
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Address book (Master Station only)	Station List	-	<a href="#">▶ P.136</a>
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Group	-	-	<a href="#">▶ P.142</a>
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<b>Contact / Audio Output Settings</b>			
Contact Input	Contact Input Specifications	Type	<a href="#">▶ P.147</a>
		Detection time [msec] ♦	<a href="#">▶ P.147</a>
		Usage	<a href="#">▶ P.147</a>
Output Specifications	Relay Output Specifications	Output Time [msec / sec] ♦	<a href="#">▶ P.148</a>
		Usage	<a href="#">▶ P.148</a>
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		Error Tone (Call failed)	<a href="#">▶ P.153</a>
Incoming call	Call Answer Settings (Master Station only)	Auto Answer	<a href="#">▶ P.154</a>
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Category	Subcategory	Entry	Reference Page
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	Door Release Output Settings (same as Contact / Audio Output Settings)	Output Time [msec / sec] ♦	<a href="#">▶ P.160</a>
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	Door Release Output Assignment	Contact Assignment	<a href="#">▶ P.161</a>
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Individual Master Station Door Release Settings (Master Station only)	-	<a href="#">▶ P.162</a>	
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	Call Acknowledged Settings	Ringback Tone (Door Station only)	<a href="#">▶ P.166</a>
		Call Timeout [sec] ♦	<a href="#">▶ P.166</a>
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	Master Station Call Group Assignment (Master Station only)	1 - Group Number	<a href="#">▶ P.167</a>
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	Master Station Group List (Master Station only)	-	<a href="#">▶ P.168</a>
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Paging Settings	Paging Pretone Setting	Pretone	<a href="#">▶ P.173</a>
	Paging Time Setting (Master Station only)	Paging Timeout [sec] ♦	<a href="#">▶ P.173</a>
	Paging Output Setting (Door Station only)	Paging Audio Output (same as Contact / Audio Output Settings)	<a href="#">▶ P.173</a>
Paging Output Setting (Door Station only)	Paging Audio Output (same as Contact / Audio Output Settings)	Paging Audio Output (same as Contact / Audio Output Settings)	<a href="#">▶ P.174</a>
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		ID	<a href="#">▶ P.179</a>
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		Attachment Image Filename	<a href="#">▶ P.184</a>
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SIF Integration	-	SIF Functionality	<a href="#">▶ P.185</a>
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## ■ Settings (Station View)

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		IPv4 Address	IP Address ◆	<a href="#">▶ P.208</a>
			Subnet Mask ◆◆	<a href="#">▶ P.208</a>
	Default Gateway ♣		<a href="#">▶ P.208</a>	
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		Frame Rate [fps] ♣ (Video Door Station only)	<a href="#">▶ P.212</a>
		Select Profile [H.264 / AVC] (Video Door Station only)	<a href="#">▶ P.212</a>
		I-picture interval [H.264 / AVC] ♦ (Video Door Station only)	<a href="#">▶ P.212</a>
		Bit rate [kbps] [H.264 / AVC] ♣ (Video Door Station only)	<a href="#">▶ P.212</a>
		Select Quality [Motion-JPEG] ♣ (Video Door Station only)	<a href="#">▶ P.212</a>
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	Coding System ♣ (Video Door Station only)		<a href="#">▶ P.213</a>
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	Bit rate [kbps] [H.264 / AVC] ♣ (Video Door Station only)		<a href="#">▶ P.214</a>
	Select Quality [Motion-JPEG] ♣ (Video Door Station only)		<a href="#">▶ P.214</a>
	RTP Start Port ♦ (Master Station and Video Door Station only)		<a href="#">▶ P.214</a>
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		Audio 1 RTP Start Port ♦	<a href="#">▶ P.217</a>
		Audio 1 RTP End Port ♦	<a href="#">▶ P.217</a>
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Packet Priority	-	TOS Value (Audio) ♣	<a href="#">▶ P.218</a>
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	-	Synchronization Interval [hour] ♦♣	<a href="#">▶ P.221</a>
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	-	Network Camera List	<a href="#">▶ P.224</a>
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Category	Subcategory	Entry	Reference Page
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Contact Input	Contact Input Specifications	Type	<a href="#">▶ P.236</a>
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		Usage	<a href="#">▶ P.236</a>
Output Specifications	Relay Output Specifications	Output Time [msec / sec] ◆	<a href="#">▶ P.237</a>
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		Ringback Tone Count [time(s)] ♣	<a href="#">▶ P.242</a>
		Busy tone ♣	<a href="#">▶ P.242</a>
		Error Tone (Call failed) ♣	<a href="#">▶ P.242</a>
Incoming call (Master Station only)	Call Answer Settings	Auto Answer ♣	<a href="#">▶ P.243</a>
		Ringtone Count [time(s)] ♣	<a href="#">▶ P.243</a>
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	Call Acknowledged Settings	Ringback Tone ♣ (Door Station only)	<a href="#">▶ P.254</a>
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	Master Station Call Group Assignment (Master Station only)	Group Number	<a href="#">▶ P.255</a>
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Paging Settings	Paging Pretone Setting	Pretone ♣	<a href="#">▶ P.257</a>
	Paging Time Setting (Master Station only)	Paging Timeout [sec] ♦♦	<a href="#">▶ P.257</a>
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Paging Output Setting (Door Station only)	Paging Audio Output (same as Contact / Audio Output Settings)	Paging Audio Output (same as Contact / Audio Output Settings)	<a href="#">▶ P.258</a>
Network Camera Integration (Master Station only)	Network Camera Profile	Profile	<a href="#">▶ P.259</a>
	Event Registry	Event	<a href="#">▶ P.260</a>
		Network Camera Event Tone ♣	<a href="#">▶ P.260</a>
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		SMTP Port ♦♦	<a href="#">▶ P.261</a>
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	E-mail Addresses	Destination 1 ♣	<a href="#">▶ P.263</a>
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Attachment Image Filename ♣		<a href="#">▶ P.266</a>	
CGI Integration	-	CGI Functionality	<a href="#">▶ P.267</a>

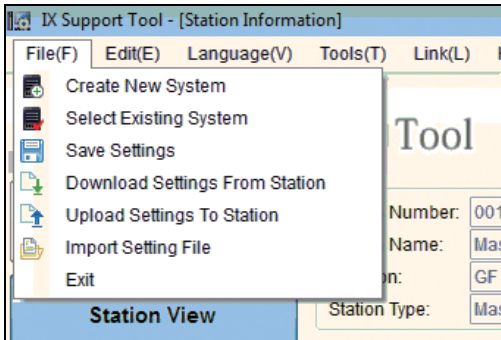
Category	Subcategory	Entry	Reference Page
SIF Integration	-	SIF Functionality	<a href="#">▶ P.267</a>
	SIF Communication Settings (sif.ini)	-	<a href="#">▶ P.268</a>
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Delay Transfer Settings (Master Station only)	-	Delay Transfer	<a href="#">▶ P.270</a>
		Delay Time [sec] ♦	<a href="#">▶ P.270</a>
		Transfer to Station Number	<a href="#">▶ P.270</a>
Transfer Schedule Settings (Master Station only)	-	Transfer Schedule	<a href="#">▶ P.271</a>
		Transfer to Station Number	<a href="#">▶ P.271</a>
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Speed Dial Button Settings (Master Station only)	Destination Assignment	-	<a href="#">▶ P.273</a>
Privacy Setting (Master Station only)	-	Privacy ♠	<a href="#">▶ P.274</a>
Volume Settings	Volume Settings	Handset Transmit Volume (Master Station only)	<a href="#">▶ P.275</a>
		Handset Receive Volume (Master Station only)	<a href="#">▶ P.275</a>
		Hands-free Transmit Volume (Master Station only)	<a href="#">▶ P.275</a>
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		Transmit Volume (Door Station only)	<a href="#">▶ P.276</a>
		Receive Volume (Door Station only)	<a href="#">▶ P.276</a>
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Communication Settings	-	Talk Timeout [sec] ♦♠	<a href="#">▶ P.277</a>
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Category	Subcategory	Entry	Reference Page
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Camera settings (Video Door Station only)	Environmental Settings	Backlight Compensation Adjustment ♣	<a href="#">▶ P.279</a>
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Initialization	-	-	<a href="#">▶ P.283</a>
Settings File Management	-	-	<a href="#">▶ P.284</a>

# Menu bar

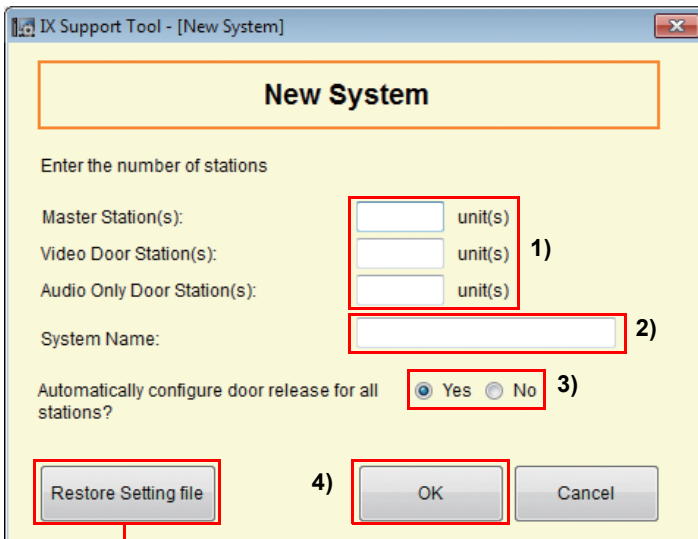


# 1. File



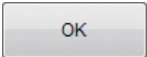
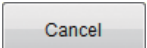
## 1.1. Create New System

Choose "File" > "Create New System," the "New System" window will be shown.



"4.4. Restore System Settings" > [P.101](#)

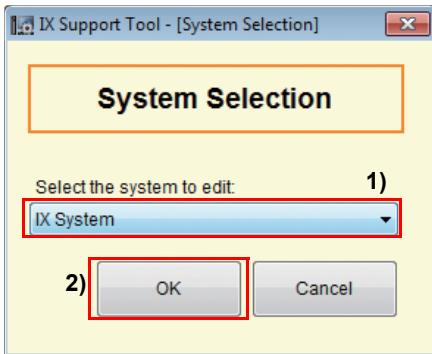
### How to create New System

- 1) Enter the number of stations.
- 2) Enter the system name in "System Name."
  - 1-64 alphanumeric characters
- 3) Check "Automatically configure door release for all stations?"
  - When Door Release Settings do not exist or when Door Release Settings for each door will be configured individually, disable "Automatically configure door release for all stations?"
- 4) Click .
  - Click , to terminate the process without creating a new system.

## 1.2. Select Existing System

View or edit existing system setting data.

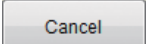
Choose "File" > "Select Existing System," the "System Selection" window will be shown.




### How to select a system

1) Select the system name of the setting data to be edited.

2) Click .

- In the Setting window, the selected setting data will be shown.
- Click , to terminate the process without selecting a system.

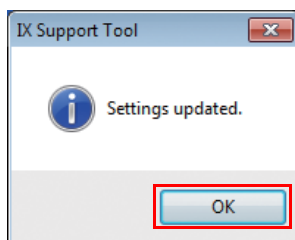
## 1.3. Save Settings

The edited setting file overwrites the existing one. This feature is identical to  at the top right in the Settings window.

1) Click "File" > "Save Settings," the following window will be shown.

Click .

- The edited settings file overwrites the existing one.



### ■ Where the setting file is saved

The setting file(s) are saved in the "SystemData" folder within the IX Support Tool Installation folder. The folders will be labeled as the "System Name".

If the settings are lost, it may be impossible to restore them after maintenance or after-sales servicing.

## 1.4. Download Settings From Station

Obtain (download) settings from a station.

To download the file, associate the station in "4.2. Association Settings" ► [P.97](#).

### Important

**If the station was configured or modified using the web interface, the setting file cannot be downloaded using the IX Support Tool.**

Click "File" > "Download Settings From Station," the "Setting File Download" window will be shown.

**Setting File Download**

Select the station(s) to download the Setting File(s):

Station List						
Select	Number	Name	Location	Type	Status	
<input type="checkbox"/>	001	Master Station1	GF	Master Station	-	
<input type="checkbox"/>	002	Master Station2	GF	Master Station	-	
<input type="checkbox"/>	003	Master Station3	GF	Master Station	-	
<input type="checkbox"/>	004	Master Station4	2F	Master Station	-	
<input type="checkbox"/>	005	Master Station5	2F	Master Station	-	
<input checked="" type="checkbox"/>	1) 006	Master Station6	2F	Master Station	-	
<input type="checkbox"/>	007	Master Station7		Master Station	-	
<input type="checkbox"/>	008	Master Station8		Master Station	-	
<input type="checkbox"/>	009	Master Station9		Master Station	-	
<input type="checkbox"/>	010	Master Station10		Master Station	-	
<input type="checkbox"/>	011	Video Station1		Video Door Station	-	
<input type="checkbox"/>	012	Video Station2		Video Door Station	-	
<input type="checkbox"/>	013	Video Station3		Video Door Station	-	

Select station(s) by type:

All ▼

Select

Unselect

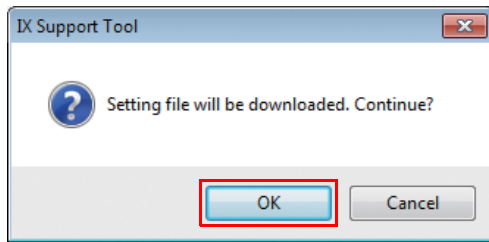
2) Start Download

### How to download settings

- 1) Check  of the station whose setting file is to be downloaded in "Station List."
  - To select or unselect the stations in a batch, choose the station type for a batch selection and click Select or Unselect.
  - A station must be associated before it can be selected. "4.2. Association Settings" ► [P.97](#).
- 2) Click Start Download.

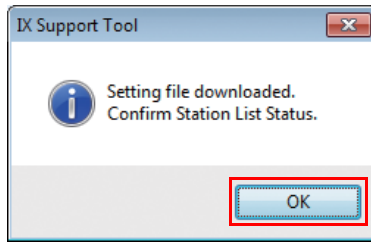
3) Click .

- Click , to go back to "Setting File Download" without downloading the file.



4) Click .

- The result of the setting file download will be shown in "Status" in "Station List."  
Downloading: The setting file is in the process of downloading.  
Success: Download is completed.  
Failed: Download failed.
- The downloaded files are stored at "SupportTool" > "SystemData" > "(System name chosen)" > "Setting\_ForUser" as "Config-(Station Number)-(yyyy.mm.dd.hh.mm.ss).txt" for each station.

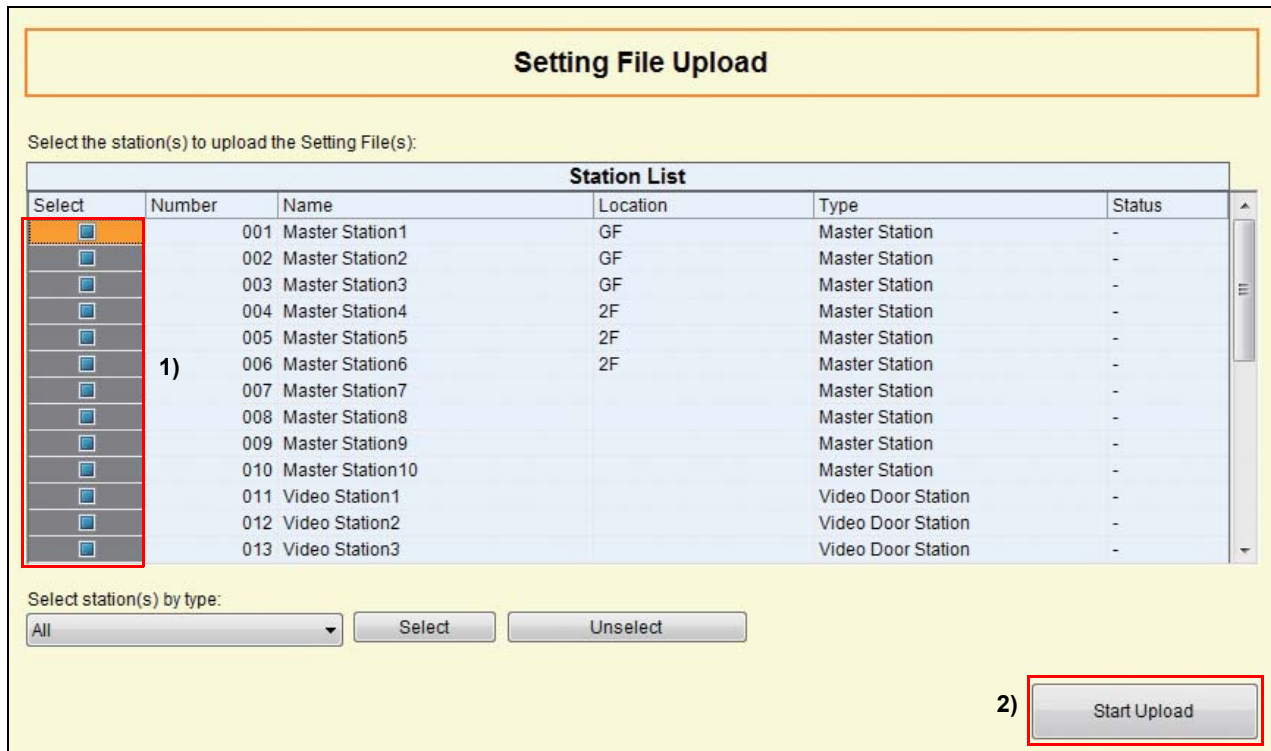


## 1.5. Upload Settings To Station

Upload settings created using IX Support Tool onto the station.

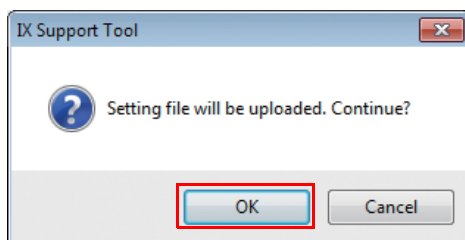
Before uploading the file, the station will need to be associated. "4.2. Association Settings" ► [P.97](#).

Click "File" > "Upload Settings To Station," the "Setting File Upload" window will be shown.



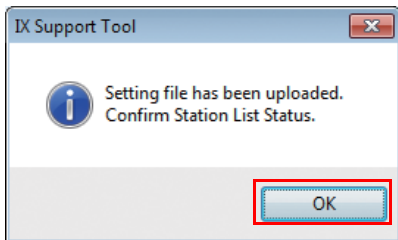
### How to upload settings

- 1) Check  of the station whose settings is to be uploaded in "Station List."
  - To select or unselect the stations in a batch, choose the station type for a batch selection and click  or .
  - A station which is not associated cannot be selected. "4.2. Association Settings" ► [P.97](#).
- 2) Click .
- 3) Click .
  - If clicking , the screen goes back to "Setting File Upload" without uploading the file.



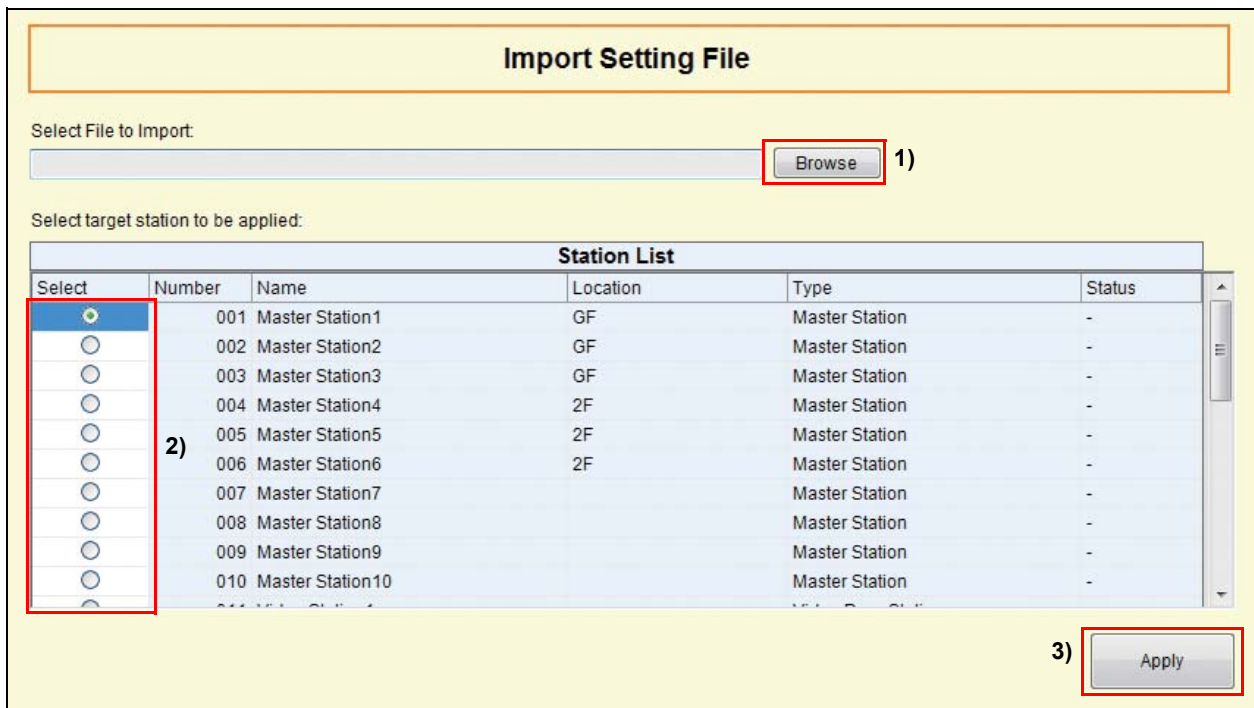
4) Click .

- The result will be shown in "Status" in "Station List."  
 Uploading: The Setting File is in the process of uploading.  
 Success: Upload is completed.  
 Failed: Upload failed.



## 1.6. Import Setting File

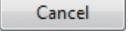
A setting file can be modified using a text editor and imported into IX Support Tool. Click "File" > "Import Setting File," the "Import Setting File" window will be shown.



### How to import a setting file

- Click  and select the setting file (txt file).
- Check  of the station whose setting file is to be uploaded in "Station List."
- Click .

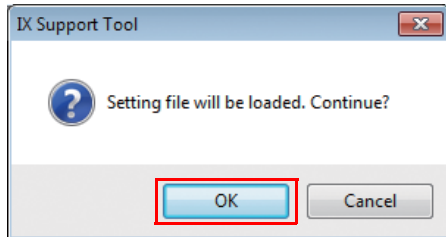
4) Click .

- Click , to return to "Import Setting File" without importing the file.
- The result will be shown in "Status" in "Station List."
- If the file to be imported is mismatched with the original file, the file will not be imported.
- The file should be uploaded or downloaded before importing.
- The result will be shown in "Status" in "Station List."

Importing: The Setting File is in the process of importing.

Success: Import is completed.

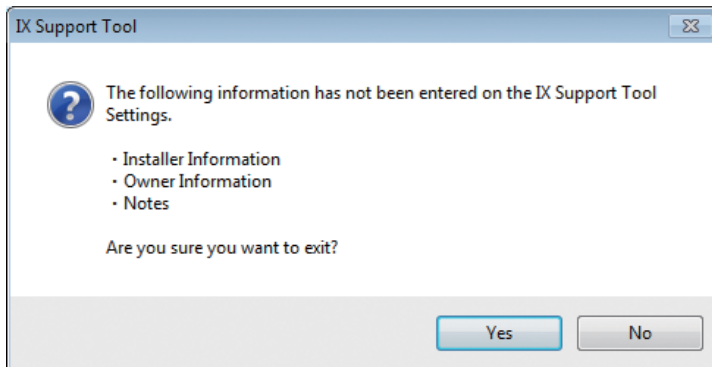
Failed: Import failed.



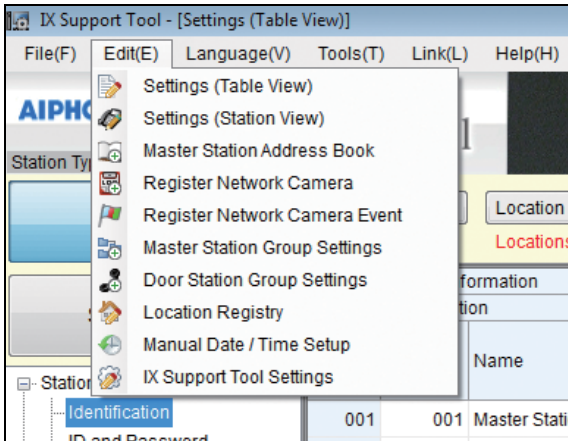
## 1.7. Exit

Click "File" > "Exit," to close IX Support Tool.

If there is unassigned item in "2.10. IX Support Tool Settings" ► [P.93](#), a message will be shown indicating which item is not assigned.



## 2. Edit



### 2.1. Settings (Table View)

All stations in the system can be configured from the Settings window.

Click "Edit" > "Settings (Table View)" in "Settings (Station View)," the "Settings (Table View)" window will be shown.

"Settings (Station View)" window

"Settings (Table View)" window

Station Information					
Identification					
#	Number	Name	Name (Punjana)	Location	Type
001	001	Master Station1		GF	Master Station
002	002	Master Station2		GF	Master Station
003	003	Master Station3		GF	Master Station
004	004	Master Station4		2F	Master Station
005	005	Master Station5		2F	Master Station
006	006	Master Station6		2F	Master Station
007	007	Master Station7			Master Station
008	008	Master Station8			Master Station
009	009	Master Station9			Master Station
010	010	Master Station10			Master Station
011	011	Video Station1			Video Door Station
012	012	Video Station2			Video Door Station
013	013	Video Station3			Video Door Station
014	014	Video Station4			Video Door Station

For each item in "Settings (Table View)," refer to "System settings (Settings (Table View))" ▶ [P.107](#).

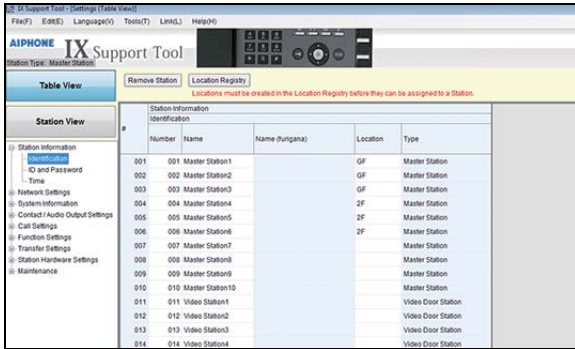


## 2.2. Settings (Station View)

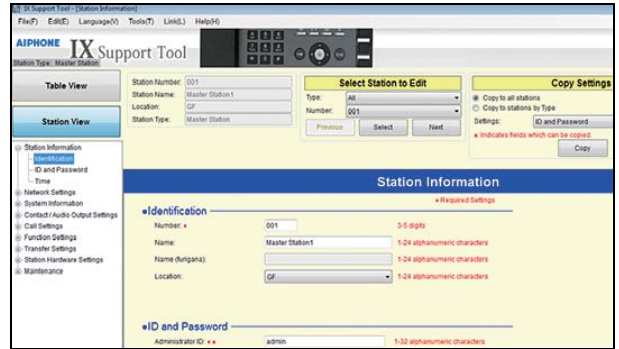
Configure each station in the system individually.

Click "Edit" > "Settings (Station View)" in "Settings (Table View)," the "Settings (Station View)" window will be shown.

"Settings (Table View)" window



"Settings (Station View)" window



For each item in "Settings (Station View)," refer to "System settings (Settings (Station View))" > [P.200](#).

## 2.3. Master Station Address Book

Click "Edit" > "Master Station Address Book," the following window will be shown.

#	Station Information				Available Stations		
	Identification				001	002	003
	Number	Name	Location	Type	Master Station1	Master Station2	Master Station3
001	001	Master Station1	GF	Master Station	GF	GF	GF
002	002	Master Station2	GF	Master Station	✓		✓
003	003	Master Station3	GF	Master Station	✓	✓	
004	004	Master Station4	2F	Master Station	✓	✓	✓
005	005	Master Station5	2F	Master Station	✓	✓	✓
006	006	Master Station6	2F	Master Station	✓	✓	✓
007	007	Master Station7		Master Station	✓	✓	✓

For "Master Station Address Book," refer to "3.2.1. Station List" > [P.136](#).

## 2.4. Register Network Camera

Click "Edit" > "Register Network Camera," the following window will be shown.

For "Register Network Camera," refer to "3.2.2. Network Camera List" ► [P.137](#).

Open Network Camera Registry					
#	Station Information				Available Network Camera(s)
	Identification				01
	Number	Name	Location	Type	
001	100	Master station 1		Master Station	FIRE/ALARM/TTN
002	200	Master station 2		Master Station	

## 2.5. Register Network Camera Event

Click "Edit" > "Register Network Camera Event," the "Network Camera Event Setup" window will be shown.

**Network Camera Event Setup**

1. Select Master Station to receive Network Camera event(s)

Select	Number	Name	Location	Type
<input checked="" type="radio"/>	001	Master Station1	GF	Master Station
<input type="radio"/>	002	Master Station2	GF	Master Station
<input type="radio"/>	003	Master Station3	GF	Master Station
<input type="radio"/>	004	Master Station4	2F	Master Station
<input type="radio"/>	005	Master Station5	2F	Master Station
<input type="radio"/>	006	Master Station6	2F	Master Station
<input type="radio"/>	007	Master Station7		Master Station
<input type="radio"/>	008	Master Station8		Master Station
<input type="radio"/>	009	Master Station9		Master Station
<input type="radio"/>	010	Master Station10		Master Station

2. Select Network Camera

Select	#	Network Camera Name

For "Register Network Camera Event," refer to "6.5.2. Network Camera Event Registry" ► [P.176](#).

## 2.6. Master Station Group Settings

Click "Edit" > "Master Station Group Settings," the following window will be shown.

Create Group from Location(s) U = Unicast, M = Multicast  
If designating "M", multicast IP addresses must be configured for the station(s).

Previous 001 Next

#	Identification				Group						
	Number	Name	Location	Type	Shared Group						
					01	02	03	04	05	06	
	Number										
	Group Name										
	Group Name (furigana)										
	Total					0	0	0	0	0	0
	001	001 Master Station1	GF	Master Station							
	002	002 Master Station2	GF	Master Station							
	003	003 Master Station3	GF	Master Station							
	004	004 Master Station4	2F	Master Station							
	005	005 Master Station5	2F	Master Station							

For "Master Station Group Settings," refer to "3.3. Group" > [P.142](#).

## 2.7. Door Station Group Settings

Click "Edit" > "Door Station Group Settings," the following window will be shown.

Create Group from Location(s) U = Unicast, M = Multicast  
If designating "M", multicast IP addresses must be configured for the station(s).

Previous 011 Next

#	Master Station Information				Group						
	Number	Name	Location	Type	Shared Group						
					D01	D02	D03	D04	D05	D06	
	Total					0	0	0	0	0	0
	001	001 Master Station1	GF	Master Station							
	002	002 Master Station2	GF	Master Station							
	003	003 Master Station3	GF	Master Station							
	004	004 Master Station4	2F	Master Station							
	005	005 Master Station5	2F	Master Station							

For "Door Station Group Settings," refer to "6.2.6. Door Station Group List (Door Station only)" > [P.169](#).

## 2.8. Location Registry

Click "Edit" > "Location Registry," the "Location Registry" window will be shown.

#	Location Name
01	
02	
03	
04	
05	
06	
07	
08	
09	
10	
11	
12	

For "Location Registry," refer to "1.1.2. Location Registry" > [P.111](#).

## 2.9. Manual Date / Time Setup

Click "Edit" > "Manual Date / Time Setup," the "Manual Date / Time Setup" window will be shown.

Set date and time:

2014 Year 5 Month 14 Day 2 Hour 27 Minute 4 Second

Sync with PC

Apply

For "Manual Date / Time Setup," refer to "1.3.4. Manual Date / Time Setup" > [P.114](#).

## 2.10. IX Support Tool Settings

Click "Edit" > "IX Support Tool Settings," the "IX Support Tool Settings" window will be shown.

### How to configure

#### 1) Configure each item.

- Configure each item with "◆."

#### 2) Click .

- Click  , to terminate without registering the information.

### ■ ID ◆

<b>Description</b>	Set an ID to log in IX Support Tool.
<b>Settings</b>	1-32 alphanumeric characters
<b>Default values</b>	admin

### ■ Password ◆

<b>Description</b>	Set a password to log in IX Support Tool.
<b>Settings</b>	1-32 alphanumeric characters
<b>Default values</b>	admin

## ■ System Name ◆

<b>Description</b>	Change the system name. When changing the system name, the name of the folder where the setting data is stored will be changed as well.
<b>Settings</b>	1-64 alphanumeric characters
<b>Default values</b>	The system name of the setting data being edited will be shown.

## ■ IP Version ◆

<b>Description</b>	Choose the protocol for IX Support Tool.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• IPv4</li> <li>• IPv6</li> </ul>
<b>Default values</b>	IPv4

## ■ Installer Information ◆

<b>Description</b>	Enter the installer information.
<b>Settings</b>	1-64 alphanumeric characters
<b>Default values</b>	-

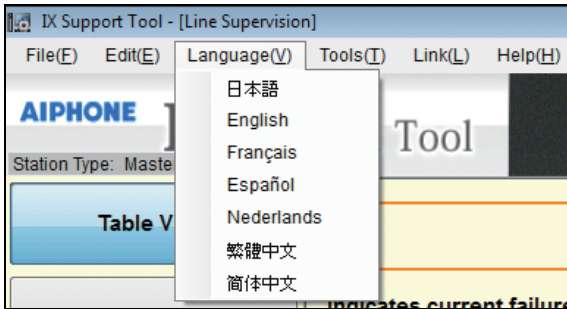
## ■ Owner Information ◆

<b>Description</b>	Enter the owner information.
<b>Settings</b>	1-64 alphanumeric characters
<b>Default values</b>	-

## ■ Notes ◆

<b>Description</b>	Enter the notes.
<b>Settings</b>	1-64 alphanumeric characters
<b>Default values</b>	-

## 3. Language



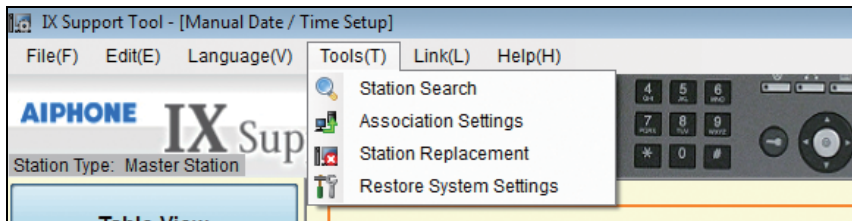
Set the language of following items.

- The display content of the IX Support Tool.
  - The input text language of settings item. (Station Name, Address book, etc.)
  - The content of the e-mail message and system log.
- 1) Click "Language" > select language, the screen will be changed to the selected language.

### Caution

- **Configure each station through a Web browser individually, to set a different language for each station.**

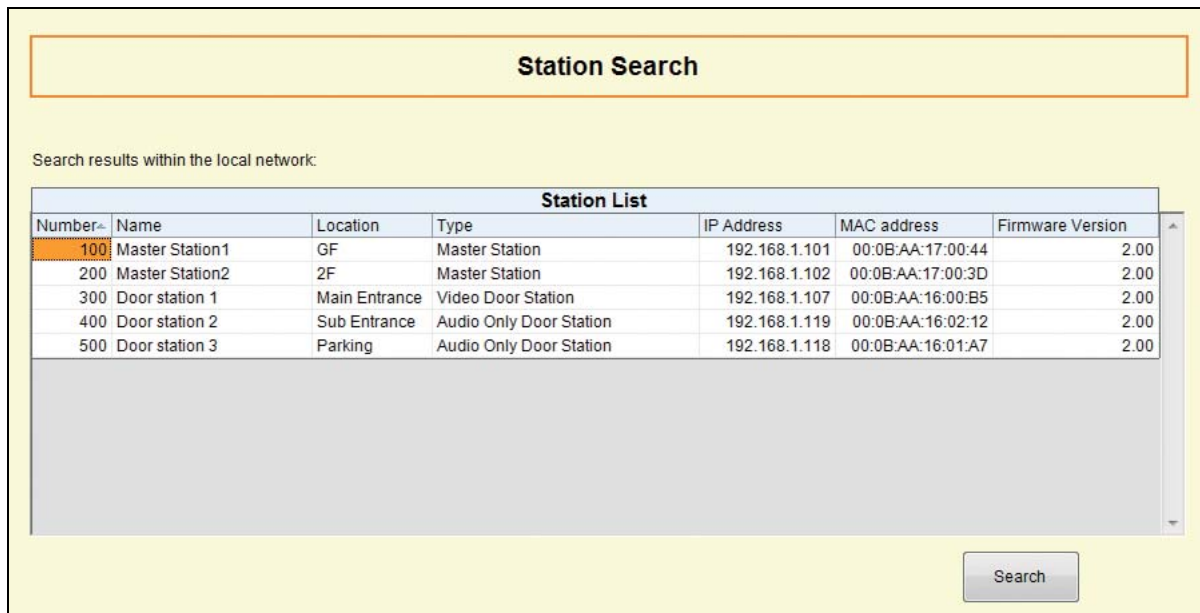
## 4. Tools



### 4.1. Station Search

Search the stations in IX System connected in the network to show the list.

- 1) Connect the PC to the network to which the station is connected.
  - Choose the same protocol as the system. For how to set up the protocol, refer to "2.10. IX Support Tool Settings" ► [P.93](#).
- 2) Click "Tools" > "Station Search," the searched stations will be shown in the "Station Search" window. (Searching may take several minutes.)
  - The stations without power and the stations in the process of initialization will not be subject to search.
  - Search up to 1,000 stations at a time.
  - Click  , to search again.





## 4.2. Association Settings

The data created with IX Support Tool is to be assigned to each station.

Associate the settings when creating the setting data.

Some items cannot be configured without association.

**Association Settings**

1. Select the setting file to be linked with the chosen station:

Select	Number	Name	Location	Type	IP Address	Associated
<input type="radio"/>	100	Master station 1	GF	Master Station	192.168.1.1	Yes
<input checked="" type="radio"/>	200	Master station 2	2F	Master Station	192.168.1.2	-
<input type="radio"/>	300	Door station 1	Main Entrance	Video Door Station	192.168.1.3	Yes
<input type="radio"/>	400	Door station 2	Sub Entrance	Audio Only Door Station	192.168.1.13	-
<input type="radio"/>	500	Door station 3	Parking	Audio Only Door Station	192.168.1.10	-

3)

2. Select the station to associate with the setting file.

Enter station MAC address:

Search and select station within local network:

Select	Number	Name	Location	Type	MAC address	Associated
<input checked="" type="radio"/>	200	Master station 2	2F	Master Station	00:0B:AA:17:00:7A	-
<input type="radio"/>	300	Door station 1	Main Entrance	Video Door Station	00:0B:AA:16:00:18	Yes
<input type="radio"/>	100	Master station 1	GF	Master Station	00:0B:AA:17:00:80	Yes
<input type="radio"/>	500	Door station 3	Parking	Audio Only Door Station	00:0B:AA:16:01:9D	-
<input type="radio"/>	400	Door station 2	Sub Entrance	Audio Only Door Station	00:0B:AA:16:01:62	-

2)

5)

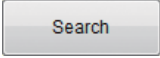
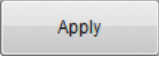
Select	Number	Name	Location	Type	IP Address	MAC address	Status
<input checked="" type="checkbox"/>	100	Master station 1	GF	Master Station	192.168.1.1	00:0B:AA:17:00:80	Success
<input checked="" type="checkbox"/>	300	Door station 1	Main Entrance	Video Door Station	192.168.1.3	00:0B:AA:16:00:18	Success

The settings that have been already associated will be shown.

Associate the settings again.

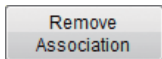
1) Connect the PC to the network to which the station is connected.

- Choose the same protocol as the system. For how to set up the protocol, refer to "2.10. IX Support Tool Settings" ➤ **P.93**.

- 2) Click "Tools" > "Association Settings," the stations will be searched and the "Association Settings" window will be shown. (Searching may take several minutes.)
  - The stations without power and the stations in the process of initialization will not be subject to search.
  - Search up to 1,000 stations at a time.
  - Click , to search again.
- 3) Check  of the setting data to be associated in the "Station Settings List."
  - A station that has already been associated cannot be selected.
  - If IP Address is not configured, the station cannot be selected.
- 4) Choose a station to associate with the data selected in 3) in the "Station List."
  - A station that has already been associated cannot be selected.
  - Check "Enter station MAC address" to specify a station by entering the stations MAC address.
- 5) Click .
  - The associated contents will be shown in "Associated Stations List."  
If the IP Address has been changed, the station will be restarted.
- 6) Repeat the steps 3) through 5) for all the stations.

### Point

- To dissociate, select the content to dissociate in "Associated Stations List," and click



## 4.3. Station Replacement

Use this feature to replace a station. The station can only be replaced with the same type. Click "Tool" > "Station Replacement," the "Station Replacement" window will be shown.

**Station Replacement**

1. Select the station to be replaced:

Select	Number	Name	Location	Type	MAC address
<input checked="" type="radio"/>	100	Master station 1	GF	Master Station	00:0B:AA:17:00:80
<input type="radio"/>	200	Master station 2	2F	Master Station	
<input type="radio"/>	300	Door station 1	Main Entrance	Video Door Station	00:0B:AA:16:00:18
<input type="radio"/>	400	Door station 2	Sub Entrance	Audio Only Door Station	
<input type="radio"/>	500	Door station 3	Parking	Audio Only Door Station	

2. Select the replacement station:

Select	MAC Address	Type
<input checked="" type="radio"/>	00:0B:AA:17:00:7A	Master Station
<input type="radio"/>	00:0B:AA:17:00:80	Master Station
<input type="radio"/>	00:0B:AA:16:01:9D	Audio Only Door Station
<input type="radio"/>	00:0B:AA:16:00:18	Video Door Station
<input type="radio"/>	00:0B:AA:16:01:62	Audio Only Door Station

Search

Apply

The MAC address of the associated station will be shown. If there is no associates station, nothing will be shown.

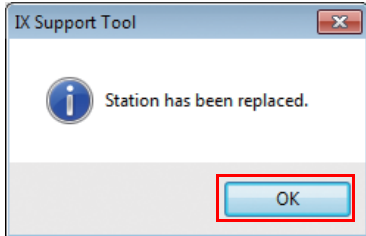
- 1) Connect the PC to the same network as the station.
  - Choose the same protocol as the system. For how to set up the protocol, refer to "2.10. IX Support Tool Settings" ► [P.93](#).
- 2) Replace the station.
- 3) Click "Tools" > "Station Replacement," the stations will be searched and the "Station Replacement" window will be shown. (Searching may take several minutes.)
  - The stations without power and the stations in the process of initialization will not be subject to search.
  - Search up to 1,000 stations at a time.
  - Click , to search again.
- 4) In "Station List," check  of the station to be replaced.

5) Choose the station newly installed in the "Station List."

6) Click .

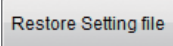
- The setting data will be uploaded to the newly installed station.

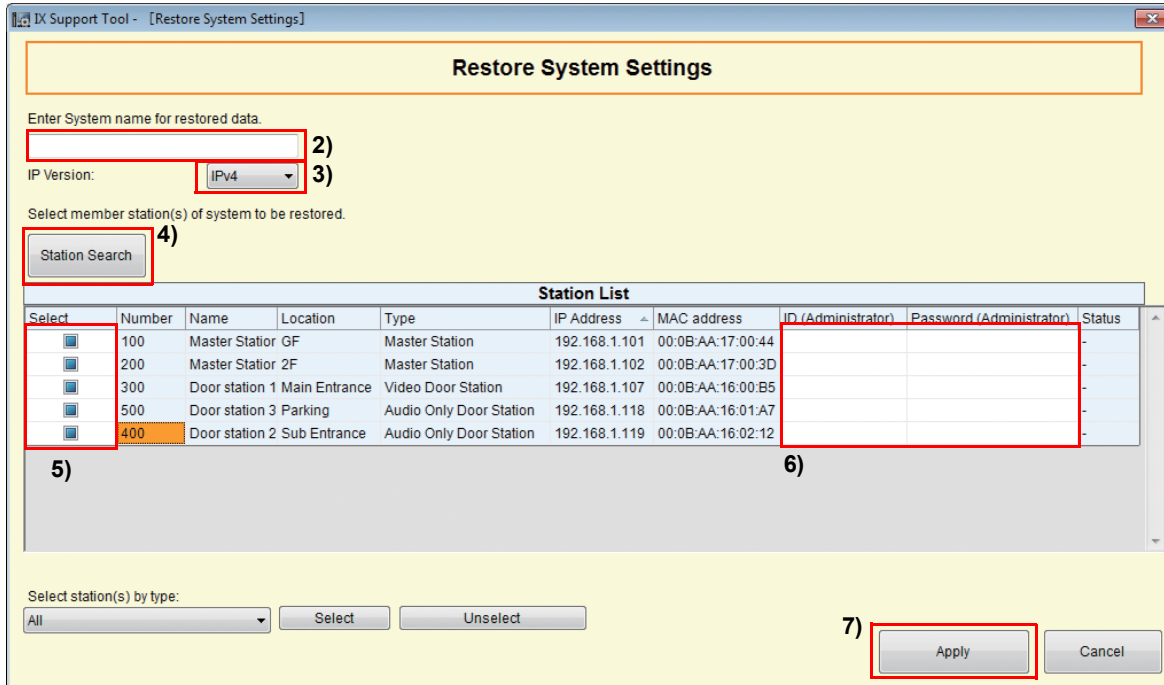
7) Click .



## 4.4. Restore System Settings

If the setting file is lost, the setting file can be restored.

Choose "Tool" > "Restore System Settings" or click  on the "New System" window  
 ▶ P.60, ▶ P.81, the "Restore System Settings" window will be shown.



**Restore System Settings**

Enter System name for restored data.

IP Version: IPv4

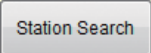
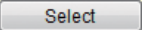
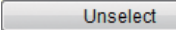

Select member station(s) of system to be restored.

Station Search

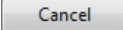
Select	Number	Name	Location	Type	IP Address	MAC address	ID (Administrator)	Password (Administrator)	Status
<input type="checkbox"/>	100	Master Station GF		Master Station	192.168.1.101	00:0B:AA:17:00:44			
<input type="checkbox"/>	200	Master Station 2F		Master Station	192.168.1.102	00:0B:AA:17:00:3D			
<input type="checkbox"/>	300	Door station 1 Main Entrance		Video Door Station	192.168.1.107	00:0B:AA:16:00:B5			
<input type="checkbox"/>	500	Door station 3 Parking		Audio Only Door Station	192.168.1.118	00:0B:AA:16:01:A7			
<input checked="" type="checkbox"/>	400	Door station 2 Sub Entrance		Audio Only Door Station	192.168.1.119	00:0B:AA:16:02:12			

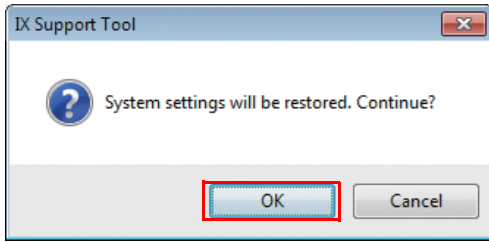
Select station(s) by type: All Select Unselect

Apply Cancel

- 1) Connect the PC to the network to which the station is connected.
- 2) Enter the system name which the setting file to be restored.
  - 1-64 alphanumeric characters
- 3) Choose the internet protocol version for the system.
- 4) Click , the stations will be searched and shown in the "Station List" window. (Searching may take several minutes.)
  - The stations without power and the stations in the process of initialization will not be subject to search.
  - Search up to 1,000 stations at a time.
- 5) In "Station List," check the station which the setting file to be restored.
  - If the station number is duplicated or does not exist, the setting file will not be restored.
  - To select or unselect the stations in a batch, choose the station type for a batch selection and click  or .
- 6) Enter "Administrator ID" and "Administrator Password" of the station which the setting file to be restored.
  - If "Administrator ID" and "Administrator Password" is incorrect, the setting file cannot be restored.
  - The default "Administrator ID" and "Administrator Password" are "admin."
- 7) Click .

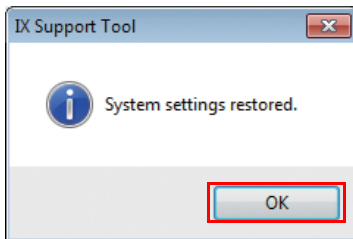
8) Click .

- If clicking , the screen goes back to "Restore System Settings" window.

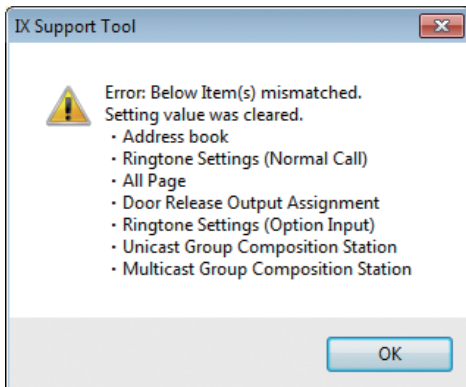


9) Click .

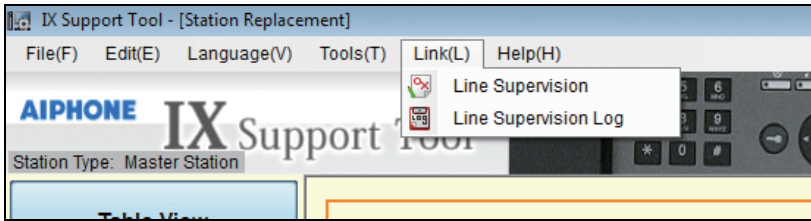
- The restored setting files are stored at "SupportTool" > "SystemData" > "(System name chosen)" > "Setting\_ForUser" as "Config-(Station Number)-(yyyy.mm.dd.hh.mm.ss).txt" for each station.
- The custom sound files are stored at "SupportTool" > "SystemData" > "(System name chosen)" > "Sound."



- The items that could not be restored are displayed as shown below.



## 5. Link

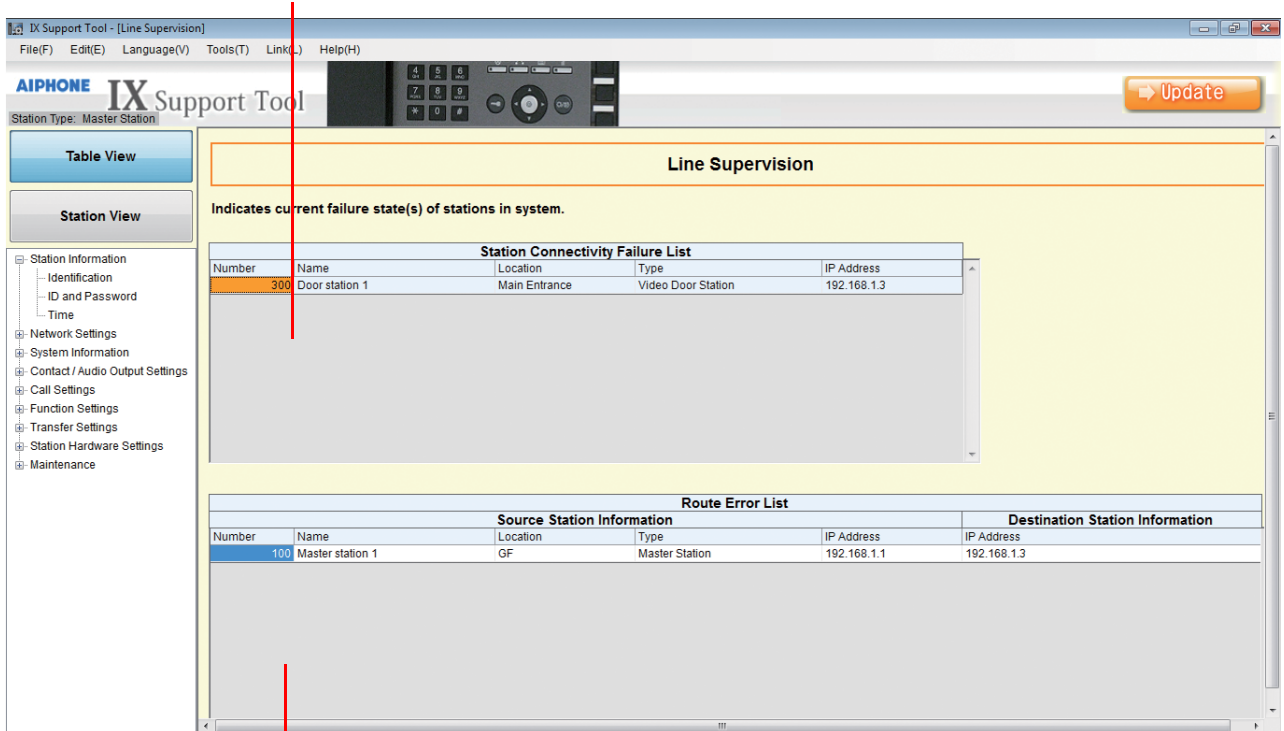


### 5.1. Line Supervision

Monitor the stations in the system for any failure.

Click "Link" > "Line Supervision," the "Line Supervision" window will be shown.

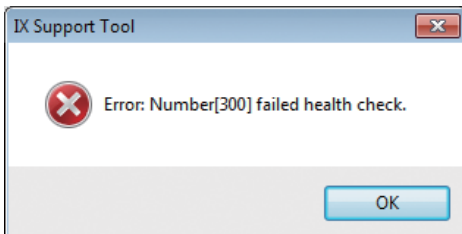
The station information for a current error will be shown.



The content of the communication error will be shown.

A communication error occurs when the station in "Source Station Information" calls the station in "Destination Information."

When there is an error, the following window will be shown.



Even if the error is restored or a new error occurs, the window will not be automatically refreshed. To refresh, click "Link" > "Line Supervision" again to re-display the window.

## 5.2. Line Supervision Log

Check the Line Supervision Log for any device error or a communication error.

Click "Link" > "Line Supervision Log," the "Line Supervision Log" window will be shown.

Select the date to check the Line Supervision Log and click [Show History](#), the Line Supervision Log will be shown.

### Line Supervision Log

Select Year / Month / Day:

2014 Year
 05 Month
 20 Day
 Show History

Line Supervision Log			
Date / Time	Check Type	Result	Error Details
2014/05/20 13:43:33	Health Check	✓	200
2014/05/20 13:43:33	Health Check	✓	200
2014/05/20 13:43:43	Health Check	✓	200
2014/05/20 13:43:54	Health Check	✓	200
2014/05/20 13:44:04	Health Check	✓	200
2014/05/20 13:44:15	Health Check	✓	200
2014/05/20 13:44:25	Health Check	✓	200
2014/05/20 13:44:35	Health Check	✓	200
2014/05/20 13:44:45	Route Ckeck	✓	200
2014/05/20 13:44:46	Route Ckeck	✓	200
2014/05/20 13:44:56	Route Ckeck	✓	200
2014/05/20 13:44:56	Health Check	✓	200
2014/05/20 13:45:06	Health Check	✓	200
2014/05/20 13:45:06	Route Ckeck	✓	200
2014/05/20 13:45:16	Health Check	✓	200
2014/05/20 13:45:17	Route Ckeck	✓	200
2014/05/20 13:45:26	Health Check	✓	200
2014/05/20 13:45:28	Route Ckeck	✓	200
2014/05/20 13:45:37	Health Check	✓	200
2014/05/20 13:45:39	Route Ckeck	✓	200
2014/05/20 13:45:47	Health Check	✓	200
2014/05/20 13:45:50	Route Ckeck	✓	200
2014/05/20 13:45:57	Health Check	✓	200

**Date / Time:**  
The time at which the station was monitored will be shown.

**Result:**  
The result of the monitoring will be shown.  
✓: Success  
x: Error

**Error Details:**  
The station which is monitored will be shown. If Route check identifies an error, "(Logged Station Number) → (Destination IP Address)" will be shown.

**Check Type:**  
The Check Type will be shown.  
Health check: The station is checked for any error.  
Route check: The station is checked for any communication error.



## 6. Help



### 6.1. Update Firmware

Click "Help" > "Update Firmware," the "Update Firmware" window will be shown.

**Update Firmware**

Select Firmware files:

Master Station

Video Door Station

Audio Only Door Station

Select Station(s) to update:

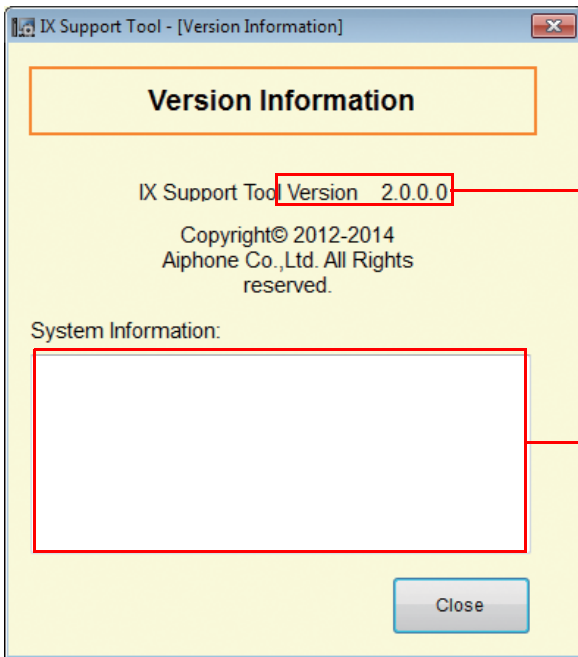
Station List						
Select	Number	Name	Location	Type	Status	
<input checked="" type="checkbox"/>	001	Master Station1	GF	Master Station	-	
<input checked="" type="checkbox"/>	002	Master Station2	GF	Master Station	-	
<input checked="" type="checkbox"/>	003	Master Station3	GF	Master Station	-	
<input checked="" type="checkbox"/>	004	Master Station4	2F	Master Station	-	
<input checked="" type="checkbox"/>	005	Master Station5	2F	Master Station	-	
<input checked="" type="checkbox"/>	006	Master Station6	2F	Master Station	-	
<input checked="" type="checkbox"/>	007	Master Station7		Master Station	-	
<input checked="" type="checkbox"/>	008	Master Station8		Master Station	-	
<input checked="" type="checkbox"/>	009	Master Station9		Master Station	-	
<input checked="" type="checkbox"/>	010	Master Station10		Master Station	-	
<input checked="" type="checkbox"/>	011	Video Station1		Video Door Station	-	

Select station(s) by type:

For "Update Firmware," refer to "9.1. Firmware Update" ► [P.197](#).

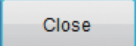
## 6.2. About

Click "Help" > "About," the "Version Information" window will be shown.



The current version of the IX Support Tool.

The installer, the owner, and the notes entered in "2.10. IX Support Tool Settings" > [P.93](#) will be shown.

Click , to close the window.

# System settings (Settings (Table View))

## Important

- Depending on the language for the display on the Master Station, the content of the settings item may appear incorrectly.
- The symbols indicate the following:
- ◆: Indicates a required field. A value should be entered. Retain the default settings, unless a change is necessary.

# 1. Station Information

## 1.1. Identification

Set up the station number, station name, and location of each station.

"1.1.1. Remove Station" > [P.110](#)

"1.1.2. Location Registry" > [P.111](#)

Remove Station					
Location Registry					
Locations must be created in the Location Registry before they can be assigned to a Station.					
Station Information					
Identification					
#	Number	Name	Name (furigana)	Location	Type
001	001	Master Station1		GF	Master Station
002	002	Master Station2		GF	Master Station
003	003	Master Station3		GF	Master Station
004	004	Master Station4		2F	Master Station
005	005	Master Station5		2F	Master Station

### ■ Number ◆

<b>Description</b>	Enter the station number. Give each station a unique number.
<b>Settings</b>	3-5 digits
<b>Default values</b>	Sequential numbers are assigned.
<b>Remarks</b>	When updated, the stations are sorted by the station number.

### ■ Name

<b>Description</b>	Enter the station name.
<b>Settings</b>	1-24 alphanumeric characters
<b>Default values</b>	Master Station: Master Station (number), Video Door Station: Video Station (number) Audio Only Door Station: Audio Station (number)
<b>Remarks</b>	When updated with no entry, the station numbers are automatically copied in this field.

### ■ Location

<b>Description</b>	Select the location where the station is installed. The Location is used to search a station by the Location.
<b>Settings</b>	Select one from the location registered in "1.1.2. Location Registry" > <a href="#">P.111</a> .
<b>Default values</b>	-

## ■ Type

<b>Description</b>	Enter the station type.
<b>Settings</b>	<ul style="list-style-type: none"><li>• Master Station</li><li>• Video Door Station</li><li>• Audio Only Door Station</li></ul>
<b>Default values</b>	-

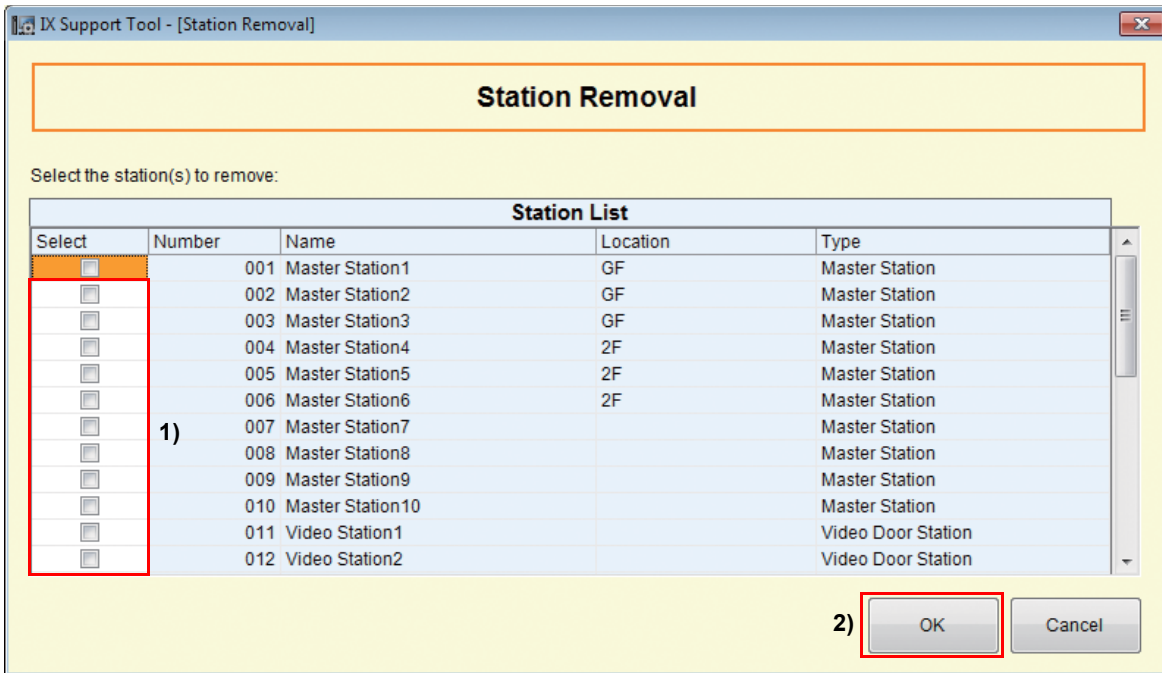
## Point

Name (furigana) is only accessible when using Japanese or Chinese language.

### 1.1.1. Remove Station

Delete a station from the settings.

Click  , the "Station Removal" window will be shown.



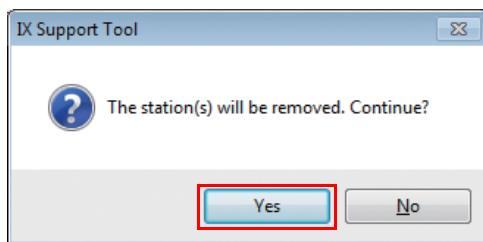
#### How to delete a station

1) Check  of the station to be deleted.

2) Click  .

- Click  , to cancel deletion.

3) Click  , to delete the station.

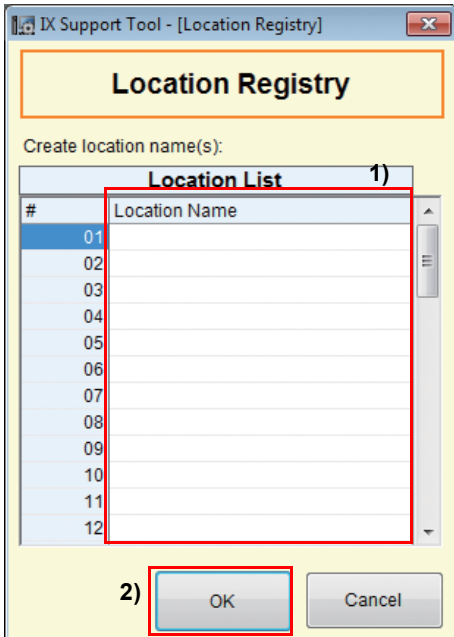


- Click  , to cancel the deletion. The screen will go back to the "Station Removal" window.

## 1.1.2. Location Registry

Click  , the "Location Registry" window will be shown.

Register up to 50 locations.



### How to register a Location

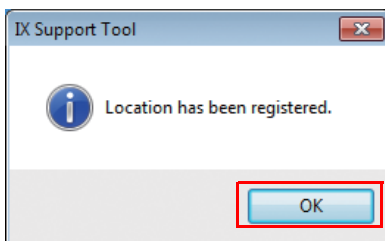
1) Enter the Location in "Location List."

- Location Name: 1-24 alphanumeric characters

2) Click  .

- Click  , to terminate without registering the Location.

3) Click  .



## 1.2. ID and Password

Set the ID and password for logging in via a Web browser (WEB Settings Access) to configure a station.

#	Station Information Identification				Station Information ID and Password			
	Number	Name	Location	Type	Administrator ID	Administrator Password	User ID	User Password
001	001	Master Station1	GF	Master Station	admin	*****	user	****
002	002	Master Station2	GF	Master Station	admin	*****	user	****
003	003	Master Station3	GF	Master Station	admin	*****	user	****
004	004	Master Station4	2F	Master Station	admin	*****	user	****
005	005	Master Station5	2F	Master Station	admin	*****	user	****

### ■ Administrator ID ◆

<b>Description</b>	Set the ID of the administrator account for accessing via a Web browser (WEB Settings Access) to configure a station.
<b>Settings</b>	1-32 alphanumeric characters
<b>Default values</b>	admin

### ■ Administrator Password ◆

<b>Description</b>	Set the password of the administrator account for accessing via a Web browser (WEB Settings Access) to configure a station.
<b>Settings</b>	1-32 alphanumeric characters
<b>Default values</b>	admin

### ■ User ID ◆

<b>Description</b>	Set the ID of a user account for accessing via a Web browser (WEB Settings Access) to configure a station.
<b>Settings</b>	1-32 alphanumeric characters
<b>Default values</b>	user

### ■ User Password ◆

<b>Description</b>	Set the password of a user account for accessing via a Web browser (WEB Settings Access) to configure a station.
<b>Settings</b>	1-32 alphanumeric characters
<b>Default values</b>	user

#### Point

- "■Administrator ID" and "■User ID" cannot be identical.
- "■Administrator Password" and "■User Password" are displayed as "\*\*\*\*\*" on the screen.



## 1.3. Time

Set the date and time for each station.

"1.3.4. Manual Date / Time Setup" > [P.114](#)

Manual Date / Time Setup								
#	Station Information Identification				Station Information Time			
	Number	Name	Location	Type	NTP	Time Zone	Daylight Savings Time	
					Enable NTP	Select time zone	Enable automatic daylight savings time	
001	001	Master Station1	GF	Master Station	No	(GMT-08:00) Pacific Standard Time (U.S.), Tijuana	No	
002	002	Master Station2	GF	Master Station	No	(GMT-08:00) Pacific Standard Time (U.S.), Tijuana	No	
003	003	Master Station3	GF	Master Station	No	(GMT-08:00) Pacific Standard Time (U.S.), Tijuana	No	
004	004	Master Station4	2F	Master Station	No	(GMT-08:00) Pacific Standard Time (U.S.), Tijuana	No	
005	005	Master Station5	2F	Master Station	No	(GMT-08:00) Pacific Standard Time (U.S.), Tijuana	No	

### 1.3.1. NTP

#### ■ Enable NTP

<b>Description</b>	Enable NTP server time retrieval. If selecting "Yes," configure "2.8. NTP" > <a href="#">P.134</a> .
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>
<b>Default values</b>	No

### 1.3.2. Time Zone

#### ■ Select time zone

<b>Description</b>	Select the time zone to be used.
<b>Settings</b>	Select from 99 regions
<b>Default values</b>	(GMT-08:00)Pacific Standard Time (U.S.), Tijuana

### 1.3.3. Daylight Savings Time

#### ■ Enable automatic daylight savings time

<b>Description</b>	Adjust the daylight saving time automatically to fit the region selected in "■Select time zone."
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>
<b>Default values</b>	No

### 1.3.4. Manual Date / Time Setup

Enter the time for each station. The time is used for incoming calls, outgoing calls, and the system log.

#### Caution

**Time is set with "Association Settings." The time cannot be set unless the station is connected to the network to which the PC is connected.**

Click  , the "Manual Date / Time Setup" window will be shown.

Manual Date / Time Setup

Set date and time:

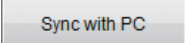
2014 Year 5 Month 14 Day 4 Hour 0 Minute 4 Second


1)

2)

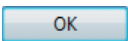
## How to configure the date and time

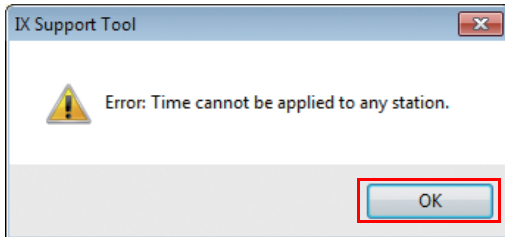
1) Select "Year," "Month," "Day," "Hour," "Minute," and "Second."

Or click  to synchronize with PC.

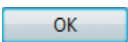
2) Click .

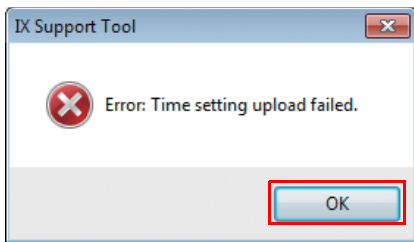
- If date and time is not set with "Association Settings," or if the station is not connected to the PC, the following screen will be shown.

Click  to use "Association Settings."

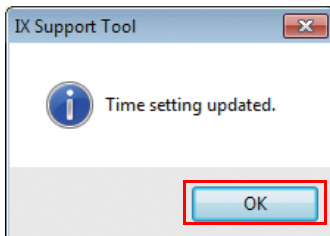


- If the station is not connected to the PC, the following screen will be shown.

Click , and connect the PC to the network to which the station is connected.



3) Click .



## 2. Network Settings

### 2.1. IP Address

Configure the IP address, subnet mask, and default gateway for each station.

"2.1.3. Batch IP Address Configuration" ► [P.119](#)

Batch IP Address Configuration															
#	Station Information				Network Settings										
	Identification				IP Address										
	Number	Name	Location	Type	IP Version	IP addressing method	IPv4 Address				Subnet Mask				Default
							1	2	3	4	1	2	3	4	
001	001	Master Station1	GF	Master Station	IPv4	Static									
002	002	Master Station2	GF	Master Station	IPv4	Static									
003	003	Master Station3	GF	Master Station	IPv4	Static									
004	004	Master Station4	2F	Master Station	IPv4	Static									
005	005	Master Station5	2F	Master Station	IPv4	Static									

#### ■ IP Version

<b>Description</b>	Select the communication type for each station.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• IPv4</li> <li>• IPv6</li> </ul>
<b>Default values</b>	IPv4

#### Caution

IPv4 and IPv6 cannot be mixed in the same system.

## ■ IP addressing method

<b>Description</b>	Select the addressing method for the IP version selected in "■IP Version."
<b>Settings</b>	<p>When selecting IPv4:</p> <ul style="list-style-type: none"> <li>• Static</li> <li>• DHCP</li> </ul> <p>When selecting IPv6:</p> <ul style="list-style-type: none"> <li>• Static</li> <li>• Stateless</li> <li>• DHCPv6</li> </ul>
<b>Default values</b>	<p>IPv4</p> <ul style="list-style-type: none"> <li>• Static</li> </ul>

### Caution

- IPv4 and IPv6 cannot be mixed in the same system.
- When selecting "DHCP" for IPv4, configure the system so that the DHCP server assigns a Static IP Address to each station.
- When selecting "Stateless" for IPv6, do not change the prefix of the device so that it can transmit RA.
- When selecting "DHCPv6" for IPv6, configure the system so that the DHCP server assigns a Static IP Address to each station. DUID of the station is "00030001 + MAC address."
- When setting up a product from another manufacturer, such as a DHCP server, refer to its manual.

## 2.1.1. IPv4 Address

### ■ IP Address ◆

<b>Description</b>	Set the IP address of each station. Set a unique IP address for each station.
<b>Settings</b>	1.0.0.0-223.255.255.255
<b>Default values</b>	-

### ■ Subnet Mask ◆

<b>Description</b>	Set the subnet mask for each station.
<b>Settings</b>	128.0.0.0-255.255.255.255
<b>Default values</b>	-

### ■ Default Gateway

<b>Description</b>	Set the default gateway of the network to which each station belongs.
<b>Settings</b>	1.0.0.0-223.255.255.255
<b>Default values</b>	-

## 2.1.2. IPv6 Address

### ■ IP Address ◆

<b>Description</b>	Set the IP address of each station. Set a unique IP address for each station.
<b>Settings</b>	2000::0-3FFF:FFFF:FFFF:FFFF:FFFF:FFFF:FFFF:FFFF or FD00::0-FDFF:FFFF:FFFF:FFFF:FFFF:FFFF:FFFF:FFFF
<b>Default values</b>	-

### ■ Default Gateway

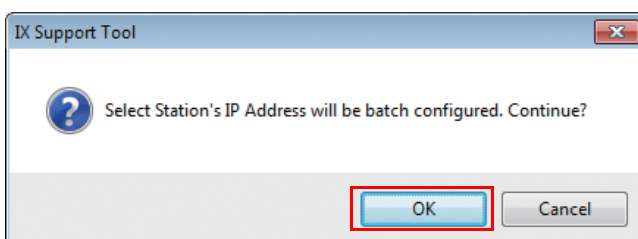
<b>Description</b>	Set the default gateway of the network to which each station belongs.
<b>Settings</b>	::FF:0-FEFF:FFFF:FFFF:FFFF:FFFF:FFFF:FFFF
<b>Default values</b>	-

### 2.1.3. Batch IP Address Configuration

Click  , the "Batch IP Address Configuration" window will be shown.

#### How to perform Batch IP Address Configuration

- 1) Enter the start address that is to be automatically assigned to "IPv4 Address" or "IPv6 Address."
- 2) For IPv4, enter "Subnet Mask."
  - With the subnet mask, set the range for assignment. The network addresses in the range and the broadcast addresses cannot be assigned.
- 3) Check  of the station to which the IP address in "Station List" is to be automatically assigned.
  - To select or unselect stations in a batch, choose the station type and click  or .
- 4) Click  .
  - Click  , to cancel automatic assignment.
- 5) Click  , the Batch IP Addresses will be automatically assigned, and the subnet mask will be entered.
  - Click  , the screen will go back to "Batch IP Address Configuration" window.



## 2.2. DNS

To set the NTP server with a host name in "2.8. NTP" > [P.134](#), or when configuring "6.6. E-mail Settings" > [P.178](#) to use the e-mail function, set the address of the DNS server to perform name resolution.

#	Station Information				Network Settings							
	Identification				DNS							
	Number	Name	Location	Type	Primary Server				Secondary Server			
					IPv4		IPv6		IPv4		IPv6	
				1	2	3	4	1	2	3	4	
001	001	Master Station1	GF	Master Station								
002	002	Master Station2	GF	Master Station								
003	003	Master Station3	GF	Master Station								
004	004	Master Station4	2F	Master Station								
005	005	Master Station5	2F	Master Station								

### 2.2.1. Primary Server

#### ■ IPv4

<b>Description</b>	Set the IPv4 address of the primary DNS server.
<b>Settings</b>	1.0.0.0-223.255.255.255
<b>Default values</b>	-

#### ■ IPv6

<b>Description</b>	Set the IPv6 address of the primary DNS server.
<b>Settings</b>	::FF:0-FE:FF:FF:FF:FF:FF:FF:FF:FF:FF:FF:FF
<b>Default values</b>	-

### 2.2.2. Secondary Server

#### ■ IPv4

<b>Description</b>	Set the IPv4 address of the secondary DNS server.
<b>Settings</b>	1.0.0.0-223.255.255.255
<b>Default values</b>	-

#### ■ IPv6

<b>Description</b>	Set the IPv6 address of the secondary DNS server.
<b>Settings</b>	::FF:0-FE:FF:FF:FF:FF:FF:FF:FF:FF:FF:FF:FF
<b>Default values</b>	-



## 2.3. SIP

#	Station Information				Network Settings		
	Identification				SIP		
	Number	Name	Location	Type	Connection		Miscellaneous
					SIP Signaling Port	Call health check timer [sec]	Select
001	001	Master Station1	GF	Master Station	5060	80-3600 sec	90
002	002	Master Station2	GF	Master Station	5060	80-3600 sec	90
003	003	Master Station3	GF	Master Station	5060	80-3600 sec	90
004	004	Master Station4	2F	Master Station	5060	80-3600 sec	90
005	005	Master Station5	2F	Master Station	5060	80-3600 sec	90

### 2.3.1. Connection

#### ■ SIP Signaling Port ◆

<b>Description</b>	Set the port for SIP communication. Set the same port number for the stations which communicate with each other.
<b>Settings</b>	1-65535
<b>Default values</b>	5060

### 2.3.2. Miscellaneous

#### ■ Call health check timer [sec] ◆

<b>Description</b>	When a communication error occurs during a call or while monitoring, the connection is disconnected after the specified time elapses.
<b>Settings</b>	<ul style="list-style-type: none"> <li>Do not transmit re-INVITE: A communication error should not be detected.</li> <li>80-3600 sec (by 1 sec)</li> </ul>
<b>Default values</b>	80-3600 sec, 90 sec

## 2.4. Multicast Address (Master Station and Video Door Station only)

Set when configuring to use multicast in "3.3. Group (Master Station only)" > [P.229](#), "5.5. All Page" > [P.245](#) (for Master Station), or "5.2.2. Called Station List" > [P.151](#) (for Video Door Station).

"2.4.1. Batch Multicast Address Configuration" > [P.123](#)

Batch Multicast Address Configuration										
#	Station Information Identification				Network Settings					
	Number	Name	Location	Type	Multicast Address					
					Master Station: For Paging, Video Door Station: For Call					
					IPv4				IPv6	
					1	2	3	4		
001	001	Master Station1	GF	Master Station						
002	002	Master Station2	GF	Master Station						
003	003	Master Station3	GF	Master Station						
004	004	Master Station4	2F	Master Station						
005	005	Master Station5	2F	Master Station						

### ■ IPv4

<b>Description</b>	Set the multicast IPv4 address for all page, group page (for Master Station), or group call (for Video Door Station) through multicast. Set a unique multicast address for each station.
<b>Settings</b>	224.0.0.0-239.255.255.255
<b>Default values</b>	-

### ■ IPv6

<b>Description</b>	Set the multicast IPv6 address for all page, group page (for Master Station), or group call (for Video Door Station) through multicast. Set a unique multicast address for each station.
<b>Settings</b>	FF10::0-FF1F:FFFF:FFFF:FFFF:FFFF:FFFF:FFFF:FFFF
<b>Default values</b>	-

## 2.4.1. Batch Multicast Address Configuration

Click **Batch Multicast Address Configuration**, the "Batch Multicast Address Configuration" window will be shown.

**Batch Multicast Address Configuration**

Enter the starting multicast address (IPv4 or IPv6)

1) IPv4:  .  .  .  IPv6:

2) Subnet Mask:  .  .  .

Select station(s) for batch multicast address assignment:

Select	Number	Name	Location	Type
<input type="checkbox"/>	001	Master Station1	GF	Master Station
<input type="checkbox"/>	002	Master Station2	GF	Master Station
<input type="checkbox"/>	003	Master Station3	GF	Master Station
<input type="checkbox"/>	004	Master Station4	2F	Master Station
<input type="checkbox"/>	005	Master Station5	2F	Master Station
<input checked="" type="checkbox"/>	006	Master Station6	2F	Master Station
<input type="checkbox"/>	007	Master Station7		Master Station
<input type="checkbox"/>	008	Master Station8		Master Station
<input type="checkbox"/>	009	Master Station9		Master Station
<input type="checkbox"/>	010	Master Station10		Master Station
<input type="checkbox"/>	011	Video Station1		Video Door Station

Select station(s) by type:

4)

### How to perform Batch Multicast Address Configuration

- 1) Enter the start multicast address that is to be automatically assigned to "IPv4" or "IPv6."
- 2) For IPv4, enter "Subnet Mask."
  - With the subnet mask, set the range for assignment.
- 3) Check  of the station to which the multicast address in "Station List" is to be automatically assigned.
  - To select or unselect stations in a batch, choose the station type and click  or .
- 4) Click .
  - Click  to terminate the automatic assignment.
- 5) Click , the multicast addresses will be automatically assigned.
  - Click , the screen goes back to "Batch Multicast Address Configuration" window.

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? Select Station's IP Address will be batch configured. Continue?

## 2.5. Video

Configure video settings.

#	Station Information				Network Settings			
	Identification				Video			
	Number	Name	Location	Type	Video Encoder 1			
					Coding System	Resolution	Frame Rate [fps]	Select Profile [H.264 / AVC]
001	001	Master Station1	GF	Master Station				
002	002	Master Station2	GF	Master Station				
003	003	Master Station3	GF	Master Station				
004	004	Master Station4	2F	Master Station				
005	005	Master Station5	2F	Master Station				

### 2.5.1. Video Encoder 1

Configure video settings for a call between IX system stations.

#### ■ Coding System (Video Door Station only)

<b>Description</b>	Select the coding system for the video.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• H.264 / AVC</li> <li>• Motion-JPEG</li> </ul>
<b>Default values</b>	H.264 / AVC

#### ■ Resolution (Video Door Station only)

<b>Description</b>	Select the resolution for the video.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• 320x240 (QVGA)</li> <li>• 640x480 (VGA)</li> </ul>
<b>Default values</b>	320x240 (QVGA)

#### ■ Frame Rate [fps] (Video Door Station only)

<b>Description</b>	Select the frame rate.
<b>Settings</b>	1, 3, 5, 7.5, 10, 15, 20, 30 fps
<b>Default values</b>	15 fps

#### ■ Select Profile [H.264 / AVC] (Video Door Station only)

<b>Description</b>	Select the profile for H.264 / AVC.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Baseline</li> <li>• Main</li> <li>• High</li> </ul>
<b>Default values</b>	Main

### ■ I-picture interval [H.264 / AVC] ♦ (Video Door Station only)

<b>Description</b>	Set the interval for transmitting pictures with H.264 / AVC.
<b>Settings</b>	1-100
<b>Default values</b>	15

### ■ Bit rate [kbps] [H.264 / AVC] (Video Door Station only)

<b>Description</b>	Select the bit rate for H.264 / AVC.
<b>Settings</b>	64, 128, 256, 384, 512, 768, 1024, 2048 kbps
<b>Default values</b>	1024 kbps

### ■ Select Quality [Motion-JPEG] (Video Door Station only)

<b>Description</b>	Set the image quality of Motion-JPEG.
<b>Settings</b>	1 (Low) through 10 (High)
<b>Default values</b>	6

### ■ RTP Start Port ♦ (Master Station and Video Door Station only)

<b>Description</b>	Set the start port for the RTP communication range. The (RTP End Port) should be greater than 90 digits from the (RTP Start Port). If a smaller range is set, in some cases ports outside the range will still be used.
<b>Settings</b>	1-65534
<b>Default values</b>	30000

### ■ RTP End Port ♦ (Master Station and Video Door Station only)

<b>Description</b>	Set the end port for the RTP communication range. The (RTP End Port) should be greater than 90 digits from the (RTP Start Port). If a smaller range is set, in some cases ports outside the range will still be used.
<b>Settings</b>	1-65535
<b>Default values</b>	31000

## 2.5.2. Video Encoder 2

Set when transmitting video using ONVIF.

When viewing video of Video Door Station with other manufacturer's product, refer to "2.5.3. Viewing video from Door Station with 3rd party products (ONVIF)" [▶ P.128](#).

### Caution

**These settings may be changed by ONVIF-compliant 3rd party products, if utilized. Refer to the manual of the 3rd party product to be used.**

### ■ Second Video Encoder (Video Door Station only)

<b>Description</b>	Enable / Disable the dual stream function. Set to "Enable" when transmitting video through ONVIF.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Enable</li> <li>• Disable</li> </ul>
<b>Default values</b>	Enable

### ■ Coding System (Video Door Station only)

<b>Description</b>	Select the coding system for the video.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• H.264 / AVC</li> <li>• Motion-JPEG</li> </ul>
<b>Default values</b>	H.264 / AVC

### ■ Resolution (Video Door Station only)

<b>Description</b>	Select the resolution for the video.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• 320x240 (QVGA)</li> <li>• 640x480 (VGA)</li> </ul>
<b>Default values</b>	320x240 (QVGA)

### ■ Frame Rate [fps] (Video Door Station only)

<b>Description</b>	Select the frame rate.
<b>Settings</b>	1, 3, 5, 7.5, 10, 15, 20, 30 fps
<b>Default values</b>	15 fps

### ■ Select Profile [H.264 / AVC] (Video Door Station only)

<b>Description</b>	Select the profile for H.264 / AVC.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Baseline</li> <li>• Main</li> <li>• High</li> </ul>
<b>Default values</b>	Main

### ■ I-picture interval [H.264 / AVC] ♦ (Video Door Station only)

<b>Description</b>	Set the interval for transmitting pictures with H.264 / AVC.
<b>Settings</b>	1-100
<b>Default values</b>	15

### ■ Bit rate [kbps] [H.264 / AVC] (Video Door Station only)

<b>Description</b>	Select the bit rate for H.264 / AVC.
<b>Settings</b>	64, 128, 256, 384, 512, 768, 1024, 2048 kbps
<b>Default values</b>	1024 kbps

### ■ Select Quality [Motion-JPEG] (Video Door Station only)

<b>Description</b>	Set the image quality of Motion-JPEG.
<b>Settings</b>	1 (Low) through 10 (High)
<b>Default values</b>	6

### ■ RTP Start Port ♦ (Master Station and Video Door Station only)

<b>Description</b>	Set the start port for the RTP communication range. The (RTP End Port) should be greater than 10 digits from the (RTP Start Port). If a smaller range is set, in some cases ports outside the range will still be used.
<b>Settings</b>	1-65534
<b>Default values</b>	32000

### ■ RTP End Port ♦ (Master Station and Video Door Station only)

<b>Description</b>	Set the end port for the RTP communication range. The (RTP End Port) should be greater than 10 digits from the (RTP Start Port). If a smaller range is set, in some cases ports outside the range will still be used.
<b>Settings</b>	1-65535
<b>Default values</b>	33000

### 2.5.3. Viewing video from Door Station with 3rd party products (ONVIF)

Video Door Station supports the ONVIF interface standard "ONVIF profile S."

View video from Door Station camera with 3rd party product supporting the ONVIF specification.

(For products with confirmed interoperability, refer to our Web site

"<http://www.aiphone.net/>.")

#### Important

**Video from the Door Station camera cannot be viewed simultaneously by more than two products from other manufacturers.**

**Configuring the station so video can be viewed with a product by another manufacturer.**

1) Select "Enable" for "■Second Video Encoder (Video Door Station only)" ➤ [P.126](#).

#### Caution

**Set "2.5.2. Video Encoder 2" ➤ [P.126](#) according to the specification of the product.**

2) Register Video Door Station on the product.

- Enter the authentication ID and password given below:  
Authentication ID: aiphone, Password: aiphone
- For how to register, refer to the instruction manual of the product to be registered.



## 2.6. Audio

Configure the settings for audio.

#	Station Information				Network Settings			
	Identification				Audio			
	Number	Name	Location	Type	Audio CODEC	Audio RTP Transmission Interval [msec]	RTP Idle Detection Time [sec]	Audio 1 RTP Start Port
001	001	Master Station1	GF	Master Station	G.711 ( $\mu$ -law)	20	10	
002	002	Master Station2	GF	Master Station	G.711 ( $\mu$ -law)	20	10	
003	003	Master Station3	GF	Master Station	G.711 ( $\mu$ -law)	20	10	
004	004	Master Station4	2F	Master Station	G.711 ( $\mu$ -law)	20	10	
005	005	Master Station5	2F	Master Station	G.711 ( $\mu$ -law)	20	10	

### ■ Audio CODEC

<b>Description</b>	Select the audio CODEC.
<b>Settings</b>	<ul style="list-style-type: none"> <li>G.711 (<math>\mu</math>-law)</li> <li>G.711 (A-law)</li> </ul>
<b>Default values</b>	G.711 ( $\mu$ -law)

#### Caution

Stations with different audio CODEC cannot call, monitor, or page each other.

### ■ Audio RTP Transmission Interval [msec]

<b>Description</b>	Select the transmission interval of RTP audio.
<b>Settings</b>	20, 40, 60, 80, 100 msec
<b>Default values</b>	20 msec

### ■ RTP Idle Detection Time [sec] ◆

<b>Description</b>	Set the detection time of the idle state of RTP audio. If RTP audio is not received within the specified time during a call or while monitoring or paging, it will be disconnected.
<b>Settings</b>	10-180 sec (by 1 sec)
<b>Default values</b>	10 sec

### ■ Audio 1 RTP Start Port ◆

<b>Description</b>	Set the start port for the Audio 1 RTP communication range. The (RTP End Port) should be greater than 210 digits from the (RTP Start Port). If a smaller range is set, in some cases ports outside the range will still be used.
<b>Settings</b>	1-65534
<b>Default values</b>	20000

### ■ Audio 1 RTP End Port ◆

<b>Description</b>	Set the end port for the Audio 1 RTP communication range. The (RTP End Port) should be greater than 210 digits from the (RTP Start Port). If a smaller range is set, in some cases ports outside the range will still be used.
<b>Settings</b>	1-65535
<b>Default values</b>	21000

### ■ Audio 2 RTP Start Port ◆

<b>Description</b>	Set the start port for the Audio 2 RTP communication range. The (RTP End Port) should be greater than 10 digits from the (RTP Start Port). If a smaller range is set, in some cases ports outside the range will still be used.
<b>Settings</b>	1-65534
<b>Default values</b>	22000

### ■ Audio 2 RTP End Port ◆

<b>Description</b>	Set the end port for the Audio 2 RTP communication range. The (RTP End Port) should be greater than 10 digits from the (RTP Start Port). If a smaller range is set, in some cases ports outside the range will still be used.
<b>Settings</b>	1-65535
<b>Default values</b>	23000

## 2.6.1. Audio Buffer

### ■ Packets Buffered at Audio Start

<b>Description</b>	Set the number of packets buffered until audio is started.
<b>Settings</b>	0-4
<b>Default values</b>	1

### ■ Maximum Packets Buffered

<b>Description</b>	Set the maximum number of packets to be buffered. When the system receives more packets, oldest packets are discarded. Choose a value greater than "■Packets Buffered at Audio Start."
<b>Settings</b>	2-10
<b>Default values</b>	3

## 2.7. Packet Priority

Configure the Packet Priority and VLAN for video, audio, and SIP packets.

### Caution

When a setting related to VLAN is updated at a station, it will restart. In some cases, it may take around 10 minutes for the station to start up.

#	Station Information				Network Settings					
	Number	Name	Location	Type	Packet Priority					
					TOS Value (Audio)	TOS Value (Video)	TOS Value (SIP)	VLAN Setting	VLAN ID	VLAN Priority
001	001	Master Station1	GF	Master Station	0x00		0x00	Disable	1	0
002	002	Master Station2	GF	Master Station	0x00		0x00	Disable	1	0
003	003	Master Station3	GF	Master Station	0x00		0x00	Disable	1	0
004	004	Master Station4	2F	Master Station	0x00		0x00	Disable	1	0
005	005	Master Station5	2F	Master Station	0x00		0x00	Disable	1	0

### ■ TOS Value (Audio)

<b>Description</b>	Set the audio packet priority (TOS Value).
<b>Settings</b>	0x00-0xFF
<b>Default values</b>	0x00

### ■ TOS Value (Video)(Video Door Station only)

<b>Description</b>	Set the video packet priority (TOS value).
<b>Settings</b>	0x00-0xFF
<b>Default values</b>	0x00

### ■ TOS Value (SIP)

<b>Description</b>	Set the packet priority (TOS Value) for SIP.
<b>Settings</b>	0x00-0xFF
<b>Default values</b>	0x00

### ■ VLAN Setting

<b>Description</b>	Enable/disable VLAN tagging.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Disable</li> <li>• Enable</li> </ul>
<b>Default values</b>	Disable

### Important

When "■VLAN Setting" is enabled, ensure that the switches, PCs, and stations are all configured for VLAN operation.

**■ VLAN ID** ◆

<b>Description</b>	Enter the VLAN ID.
<b>Settings</b>	1-4094
<b>Default values</b>	1

**■ VLAN Priority**

<b>Description</b>	Set the VLAN priority.
<b>Settings</b>	0 (Low) through 7 (High)
<b>Default values</b>	0

## 2.8. NTP

Configure the settings for NTP. When using NTP, set "■Enable NTP" ► [P.113](#).

#	Station Information				Network Settings				
	Identification				NTP				
	Number	Name	Location	Type	Primary Server			Secondary Server	
					Address		Port	Address	
				IPv4	IPv6			IPv4	IPv6
001	001	Master Station1	GF	Master Station			123		
002	002	Master Station2	GF	Master Station			123		
003	003	Master Station3	GF	Master Station			123		
004	004	Master Station4	2F	Master Station			123		
005	005	Master Station5	2F	Master Station			123		

### 2.8.1. Primary Server

#### ■ Address [IPv4]

<b>Description</b>	Set the IPv4 address of the primary NTP server. When using a "Hostname," set up "2.2. DNS" ► <a href="#">P.120</a> .
<b>Settings</b>	1.0.0.0-223.255.255.255 or Hostname (1-64 alphanumeric characters)
<b>Default values</b>	-

#### ■ Address [IPv6]

<b>Description</b>	Set the IPv6 address of the primary NTP server. When using a "Hostname," set up "2.2. DNS" ► <a href="#">P.120</a> .
<b>Settings</b>	::FF:0-FE:FF:FFFF:FFFF:FFFF:FFFF:FFFF:FFFF:FFFF or Hostname (1-64 alphanumeric characters)
<b>Default values</b>	-

#### ■ Port

<b>Description</b>	Set the communication port for the NTP server.
<b>Settings</b>	1-65535
<b>Default values</b>	123

## 2.8.2. Secondary Server

### ■ Address [IPv4]

<b>Description</b>	Set the IPv4 address of the secondary NTP server. When using a "Hostname," set up "2.2. DNS" ► <a href="#">P.120</a> .
<b>Settings</b>	1.0.0.0-223.255.255.255 or Hostname (1-64 alphanumeric characters)
<b>Default values</b>	-

### ■ Address [IPv6]

<b>Description</b>	Set the IPv6 address of the secondary NTP server. When using a "Hostname," set up "2.2. DNS" ► <a href="#">P.120</a> .
<b>Settings</b>	::FF:0-FE:FF:FF:FF:FF:FF:FF:FF:FF:FF:FF:FF:FF:FF:FF:FF or Hostname (1-64 alphanumeric characters)
<b>Default values</b>	-

### ■ Port

<b>Description</b>	Set the communication port for the NTP server.
<b>Settings</b>	1-65535
<b>Default values</b>	123

## 2.8.3. Synchronization Interval [hour]

### ■ Synchronization Interval [hour] ◆

<b>Description</b>	Set the interval for synchronizing the clock with NTP server.
<b>Settings</b>	1-255 hours (by 1 hour)
<b>Default values</b>	24 hour

# 3. System Information

## 3.1. Location Registry

Register a location.

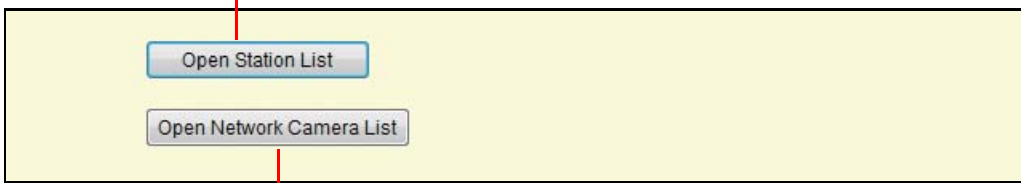
For how to register a location, refer to "1.1.2. Location Registry" > P.111.

## 3.2. Address book (Master Station only)

Set up Address Book for Master Station.

Use the Address Book to call/page a station or monitor a network camera.

"3.2.1. Station List" > P.136



"3.2.2. Network Camera List" > P.137


### 3.2.1. Station List

Register the stations in IX System in the Address Book.

Click , the following window will be shown.

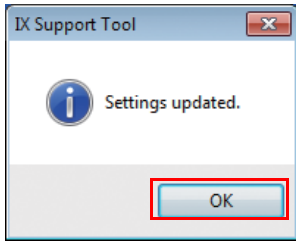
List of Master Stations in the Settings data					Address Book list			
#	Station Information				Available Stations			
	Identification				001	002	003	
	Number	Name	Location	Type	Master Station1 GF	Master Station2 GF	Master Station3 GF	Ma
001	001	Master Station1	GF	Master Station		2) ✓	✓	
002	002	Master Station2	GF	Master Station	1) ✓		✓	
003	003	Master Station3	GF	Master Station	✓	3) ✓		
004	004	Master Station4	2F	Master Station	✓		✓	
005	005	Master Station5	2F	Master Station	✓		✓	

#### How to create Station List

- 1) Identify the station to be configured using "List of Master Stations in the settings data."
- 2) Identify the station to be registered in the Address Book using "Address Book list."
- 3) Click the cells that correspond to 1) and 2). As the pull-down menu appears, choose blank or "✓."  
 Blank: The selected station will not be registered in the Address Book.  
 ✓: The selected station will be registered in the Address Book.
- 4) When done, click .



5) Click .



**Point**

- All items are "✓" as the default setting.
- A station cannot be registered to itself.

### 3.2.2. Network Camera List

Master Station supports the ONVIF interface standard "ONVIF profile S."

View video with Master Station monitor taken with a network camera made by other manufacturers supporting the ONVIF specification. (For products with confirmed interoperability, refer to our Web site "http://www.aiphone.net/.")

Register the network camera in the Address Book.

To register a network camera, one or more Master Station should be set using "Association Settings" and connected to the PC.

Click , the following window will be shown.

"■Network Camera Registry" > P.138

**List of Master Stations  
in the Settings data**

**Address Book list**  
If no network camera is registered, this  
will not be shown.


#	Station Information				Available Network Camera(s)
	Identification	Number	Name	Location	
001	100	Master station 1	GF	Master Station	01
002	200	Master station 2	2F	Master Station	01

## How to create Network Camera List

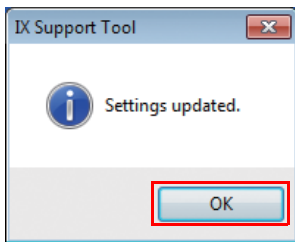
- 1) Identify the station to be configured using "List of Master Stations in the Settings data."
- 2) Identify the network camera to be registered in the Address Book using "Address Book list."
- 3) Click the cells that correspond to 1) and 2). As the pull-down menu appears, choose blank or "✓."

Blank: The selected network camera will not be registered in the Address Book.

✓: The selected network camera will be registered in the Address Book.

- 4) When done, click .

- 5) Click .

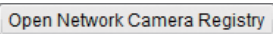


### Point

All items are set as "Blank" in the default settings.


## ■ Network Camera Registry

A network camera should be registered.

Click , the following window will be shown.

Select the network camera to be deleted.  
Click to delete.

1)

Camera Information		Network Settings			Function Settings			
Select	Number	Network Camera Name	Network camera name (furigana)	IP Address (IPv4)	IP Address (IPv6)	Profile	ID	Password
	01	XXXXXXXXXX-XXXX		192.168.1.145		XXXXXXXXXX	admin	*****

If no network camera is registered, this will not be shown.

## ■ Network Camera Name

<b>Description</b>	Enter the network camera name.
<b>Settings</b>	1-24 alphanumeric characters
<b>Default values</b>	-

## ■ Profile

<b>Description</b>	The selected video profile is shown.
<b>Settings</b>	-
<b>Default values</b>	-

## ■ ID

<b>Description</b>	Enter the authentication ID of the network camera.
<b>Settings</b>	1-32 alphanumeric characters
<b>Default values</b>	-

## ■ Password

<b>Description</b>	Enter the authentication password of the network camera.
<b>Settings</b>	1-32 alphanumeric characters
<b>Default values</b>	-

## ■ IP Address (IPv4)

<b>Description</b>	Set the IPv4 address of the network camera.
<b>Settings</b>	1.0.0.0-223.255.255.255
<b>Default values</b>	-

## ■ IP Address (IPv6)

<b>Description</b>	Set the IPv6 address of the network camera.
<b>Settings</b>	::FF:0-FE:FF:FFFF:FFFF:FFFF:FFFF:FFFF:FFFF
<b>Default values</b>	-

### Point

Network camera name (furigana) is only accessible when using Japanese or Chinese language.

**Network Camera Selection**

1. Select the network camera to be registered

2)-A) **Manual Network Camera Configuration**

IP Address:   
 ID:   
 Password:

2)-B) **Select from Network Camera Search List**   
 Search Timeout: 60 Second(s)

Select	Manufacturer	Model Number	IP Address	ID	Password
<input type="checkbox"/>	Panasonic_DS-DC88	DS-DC88	192.168.1.60		
<input type="checkbox"/>	Panasonic_DS-DC88	DS-DC88	192.168.1.145		

2. Select the Network Camera Profile to be used

3)

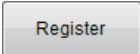
Select	Manufacturer	Model Number	Profile
<input type="checkbox"/>	Panasonic_DS-DC88	DS-DC88	1_160_profile1
<input type="checkbox"/>	Panasonic_DS-DC88	DS-DC88	1_145_profile1
<input type="checkbox"/>	Panasonic_DS-DC88	DS-DC88	1_160_profile1
<input type="checkbox"/>	Panasonic_DS-DC88	DS-DC88	1_145_profile1


4)

5)

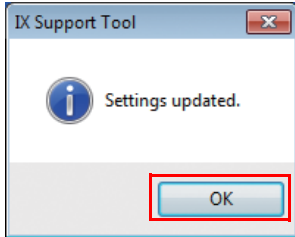
- 1) Click  to search a network camera. (Searching may take several minutes.)  
 When searching is done, the network cameras connected in the network will be shown in the "Network Camera Search List."
- 2) Choose method A or B for specifying the network camera:
  - A: When specifying the IP address directly  
 (For the multicast-incompatible network, use this search method.)  
 Check "Manual Network Camera Configuration," and enter "IP Address," "ID," and "Password."
  - B: When searching in the Network Camera Search List  
 Check "Select from Network Camera Search List," choose the network camera to register in "Network Camera Search List," and enter "ID" and "Password."  
 To search again, click .
- 3) Click .  
 (Obtaining the video profile may take several minutes.)  
 When video profiles are successfully obtained, they will be shown in "Network Camera Information."

4) Choose the video profile to be registered from the list.

5) Click  to register a network camera.

6) When done, click .

7) Click .



### 3.3. Group

Configure the group in the Master Station. Up to 50 groups can be registered in each station. Select a group registered in the Address Book.

Create Group from Location(s) <small>U = Unicast, M = Multicast If designating "M", multicast IP addresses must be configured for the station(s).</small>										
Previous   001   Next										
#	Identification				Group					
	Number	Name	Location	Type	Shared Group					
					01	02	03	04	05	06
Number										
Group Name										
Group Name (furigana)										
Total					0	0	0	0	0	0
001	001	Master Station1	GF	Master Station						
002	002	Master Station2	GF	Master Station						
003	003	Master Station3	GF	Master Station						
004	004	Master Station4	2F	Master Station						
005	005	Master Station5	2F	Master Station						

#### 3.3.1. Configuring a Group

##### ■ Shared Group Settings

A group registered in the shared group settings will be applied to all Master Stations.

**Station List**

**Group Registry List**

**Setting Station Name:**  
Configure a group from the stations shown.

Previous   001   Next										
#	Identification				Group					
	Number	Name	Location	Type	Shared Group					
					01	02	03	04	05	06
Number					01	02				
Group Name					Group1	Group2				
Group Name (furigana)										
Total					3	0	0	0	0	0
001	001	Master Station1	GF	Master Station	U					
002	002	Master Station2	GF	Master Station						
003	003	Master Station3	GF	Master Station	U					
004	004	Master Station4	2F	Master Station						
005	005	Master Station5	2F	Master Station						
006	006	Master Station6	2F	Master Station	U					
007	007	Master Station7		Master Station						
008	008	Master Station8		Master Station						



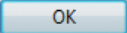
**1)** Group Registry List header

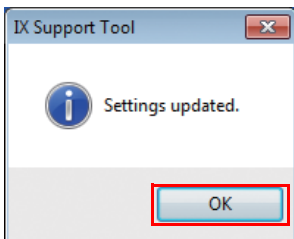
**2)** Station List header

**3)** Group Name (furigana) cell

**4)** Station List row

**5)** Dropdown menu

- 1) Verify that the "Shared Group" table is shown.  
If "Shared Group" is not visible, scroll the screen all the way to the left.
- 2) Enter the "Number" and "Group Name" of the group to be set up in the Group Registry.  
Number: 01 through 99 (2 digits)  
Group Name: 1-24 alphanumeric characters
- 3) Identify the group to be configured in "Group Registry List" section (01 through 50).
- 4) Identify the stations to be registered to the group in "Station List."
- 5) Click the cells that correspond to **3)** and **4)**. As the pull-down menu appears, choose blank, "U," or "M."  
Blank: Station will not be registered in the group.  
U: Station will be registered in the group. When the group is paged, audio is transmitted as unicast.  
M: Station will be registered in the group. When the group is paged, audio is transmitted as multicast.
- 6) When done, click .  
  - When clicking , the data entered in the shared group will be registered to each Master Station, and will be removed from the Shared Group section.
- 7) Click .



### Point

- No group is registered in the default settings.
- Register up to 50 groups for each Master Station.
- When choosing "M," configure "2.4. Multicast Address (Master Station and Video Door Station only)" > [P.122](#).
- Group Name (furigana) is only accessible when using Japanese or Chinese language.

### Important

**"Shared Group" registration should be completed prior to individual Master Station group registration. If a "Shared Group" is configured using the same group number as a Master Station individual group, the individual group setting will be overwritten.**

## ■ Individual Settings


Configure the group to be registered in each station.

**Settings Station Selection pull-down menu**      **Station List**      **Group Registry List**      **Setting Station Name:**  
Configure a group from the stations shown.

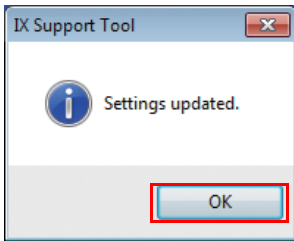
#	Identification				Group					
	Number	Name	Location	Type	01	02	03	04	05	06
	001	Master Station1	GF	Master Station	01	02	03	04	05	06
	Group Name				Group1	Group2	Group3			
	Group Name (furigana)									
	Total				0	0	0	0	0	0
001	001	Master Station1	GF	Master Station	-	-	-	-	-	-
002	002	Master Station2	GF	Master Station						
003	003	Master Station3	GF	Master Station						
004	004	Master Station4	2F	Master Station						
005	005	Master Station5	2F	Master Station						
006	006	Master Station6	2F	Master Station						

- 1) Select the station number to be configured from Settings Station Selection pull-down menu.
- 2) Scroll to the right using the scroll bar at the bottom of the screen to show the settings station to be configured.
- 3) Enter the "Number" and "Group Name" of the group to be set in the Group Registry.  
Number: 01 through 99 (2 digits)  
Group Name: 1-24 alphanumeric characters
- 4) Identify the group to be configured in "Group Registry List" section (01 through 50).
- 5) Identify the stations to be registered to the group in "Station List."
- 6) Click the cells that correspond to 4) and 5). As the pull-down menu appears, choose blank, "U," or "M."  
U: Station will be registered in the group. When the group is paged, audio is transmitted as unicast.  
M: Station will be registered in the group. When the group is paged, audio is transmitted as multicast.



7) When done, click .

8) Click .



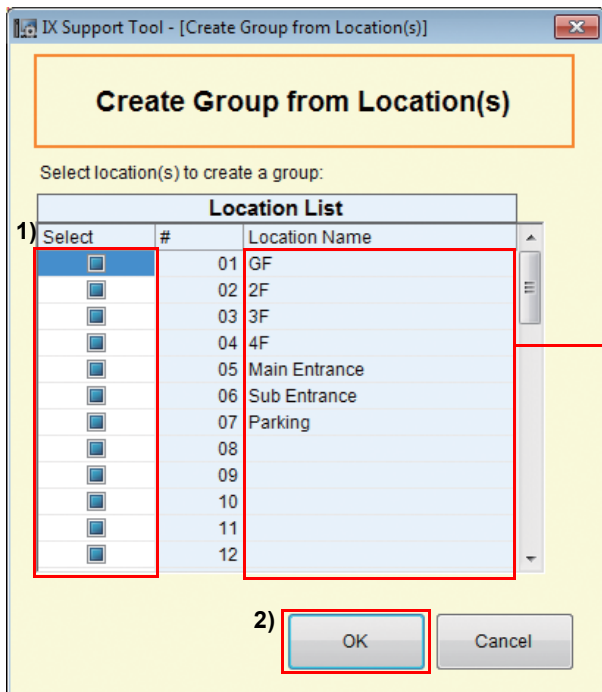
**Point**

- No group is registered in the default settings.
- The station preceding and following the station selected will be shown. For example, if "003" is selected, "002," "003," and "004" are all shown.
- Register up to 50 Groups for each Master Station.
- When choosing "M," configure "2.4. Multicast Address (Master Station and Video Door Station only)" > [P.122](#).
- Group Name (furigana) is only accessible when using Japanese or Chinese language.

**■ Create Group from Location(s)**

Create a group with the stations configured for an identical location.

Click , the following window will be shown.



The locations registered in "1.1.2. Location Registry" > [P.111](#) will be shown.

1) Check  of the location for which a group is to be created.

2) Click .

Stations belonging to the selected location will be registered in the "Shared Group" section.

- For further steps, refer to "■ Shared Group Settings" > [P.142](#).

## 3.4. Custom Sound Registry

Register the audio files to be used for a ringtone.

For each station, up to 100 files can be registered (total length of within approximately 200 seconds).

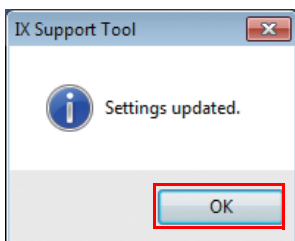
Supported file format

- File format: .wav
- Audio sample size: 16 bits
- Audio sample rate: 8 kHz
- Number of channels: One (monaural)

#	Identification				System Information			
	Number	Name	Location	Type	Custom Sound Registry		001	002
					Sound Name	Browse for .wav file	Delete	Sound Name
001	001	Master Station1	GF	Master Station		1) Browse	<input type="checkbox"/>	
002	002	Master Station2	GF	Master Station		Browse	<input type="checkbox"/>	
003	003	Master Station3	GF	Master Station		Browse	<input type="checkbox"/>	
004	004	Master Station4	2F	Master Station		Browse	<input type="checkbox"/>	
005	005	Master Station5	2F	Master Station		Browse	<input type="checkbox"/>	

### How to register an audio file

- 1) Click  at the end of the row for the station for which the file is to be registered.
- 2) Select the audio file to register, and click .
- 3) The file name of the selected file will be shown in "Sound Name."  
The name of the sound will be shown when configuring a ringtone.
- 4) When done, click .
- 5) Click .



### Point

- When using a file for ringback tone, ringtone, or network camera event tone, add a period of silence in the .wav file if the tone is to be intermittent.
- To delete a registered audio file, check the file and click  and upload setting file to station.
- A DVD-ROM with sample files is included in the package of the Master Station.

## 4. Contact / Audio Output Settings

### 4.1. Contact Input

Configure the settings for Contact Input of each station.

#	Station Information				Contact / Audio Output Settings		
	Identification				Contact Input		
	Number	Name	Location	Type	Contact Input Specifications		
				Type	Detection time [msec]	Usage	
001	001	Master Station1	GF	Master Station	Make	200	
002	002	Master Station2	GF	Master Station	Make	200	
003	003	Master Station3	GF	Master Station	Make	200	
004	004	Master Station4	2F	Master Station	Make	200	
005	005	Master Station5	2F	Master Station	Make	200	

#### 4.1.1. Contact Input Specifications

##### ■ Type

<b>Description</b>	Set the type of contact Input for each station.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Make (N/O)</li> <li>• Break (N/C)</li> </ul>
<b>Default values</b>	Make

##### ■ Detection time [msec] ◆

<b>Description</b>	Set the detection time of contact input for each station.
<b>Settings</b>	200-2000 msec (by 100 msec)
<b>Default values</b>	200 msec

##### ■ Usage

<b>Description</b>	Set the usage of contact input for each station.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Blank: Not used</li> <li>• Call: A call will be originated when a contact input is triggered.</li> </ul>
<b>Default values</b>	Blank
<b>Remarks</b>	When set to "Call," configure "6.2. Contact Input Call" > <a href="#">P.165</a> .

## 4.2. Output Specifications

Configure the settings for output specifications of each station.

#	Station Information				Contact / Audio Output Settings			
	Identification				Output Specifications			
	Number	Name	Location	Type	Relay Output Specifications			Usage
					Output Time [msec / sec]			
Range		200-2000 msec	3-300 sec					
001	001	Master Station1	GF	Master Station	200-2000 msec	400		Door Release
002	002	Master Station2	GF	Master Station	200-2000 msec	400		Door Release
003	003	Master Station3	GF	Master Station	200-2000 msec	400		Door Release
004	004	Master Station4	2F	Master Station	200-2000 msec	400		Door Release
005	005	Master Station5	2F	Master Station	200-2000 msec	400		Door Release

### 4.2.1. Relay Output Specifications

#### ■ Output Time [msec / sec] ◆

<b>Description</b>	Set the output time of the relay output for each station. The entry is identical to "■Output Time [msec / sec] ◆" > P.160. When the setting is changed, "■Output Time [msec / sec] ◆" > P.160 will be changed as well.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• 0 (Momentary): Delivers output while Master Station presses "Door Release" button.</li> <li>• 200-2000 msec (by 200 msec)</li> <li>• 3-300 sec (by 1 sec)</li> </ul>
<b>Default values</b>	200-2000 msec, 400 msec

#### ■ Usage

<b>Description</b>	Set the usage of relay output for each station. The entry is identical to "■Usage" > P.160. When the setting is changed, "■Usage" > P.160 will be changed as well.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Blank: Not used</li> <li>• Door Release: Output to release the door.</li> <li>• Paging Control (Door Station only): Output while paging. Regardless of "■Output time" setting, the output is active for the duration of paging audio.</li> <li>• Contact Input Call / Communication State (Door Station only): Delivers output during a call or communication triggered by the contact input.</li> </ul>
<b>Default values</b>	Blank

#### Point

If "New System" is chosen from "Login and registration of the station," the settings for "■Usage" will be "Door Release" when "Automatically configure door release for all stations?" is enabled.

## 4.2.2. Audio Output Specifications (Door Station only)

### ■ Audio Output

<b>Description</b>	Set how audio is to be delivered. The entry is identical to "■Paging Audio Output (same as Contact / Audio Output Settings)" > <a href="#">P.173</a> . When the setting is changed, "■Paging Audio Output (same as Contact / Audio Output Settings)" > <a href="#">P.173</a> will be changed as well.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Built-in Speaker for communication and paging</li> <li>• Audio Output for communication and paging</li> <li>• Built-in Speaker for communication, Audio Output for paging</li> </ul>
<b>Default values</b>	Built-in Speaker for communication and paging

## 5. Call Settings

### 5.1. Called Stations (for Master Station)

A call destination does not have to be set up. Any station registered in the Address Book can be called.

Call Destination Settings are unnecessary; Master Station can call any station in Address Book.

### 5.2. Called Stations (for Door Station)

Configure the settings for call destination of Door Station.

"5.2.2. Called Station List" > [P.151](#)

Open Called Station List					
#	Station Information				Call Settings
	Identification				Called Stations (for Door Station)
	Number	Name	Location	Type	Priority Setting
					Priority
001	001	Master Station1	GF	Master Station	
002	002	Master Station2	GF	Master Station	
003	003	Master Station3	GF	Master Station	
004	004	Master Station4	2F	Master Station	
005	005	Master Station5	2F	Master Station	

#### 5.2.1. Priority Setting

##### ■ Priority

<b>Description</b>	Set the priority of a call when Call button is pressed.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Normal</li> <li>• Priority</li> <li>• Urgent</li> </ul>
<b>Default values</b>	Normal

## 5.2.2. Called Station List

Configure the stations to be called from the Door Stations.

Select up to 20 Master Stations registered in the system.

Click **Open Called Station List**, the following window will be shown.

Master Station list					Door Station list						
#	Master Station Information				Set Call Method						
	Number	Name	Location	Type	011 Video Station1	012 Video Station2	013 Video Station3	014 Video Station4	015 Video Station5	016 Video Station6	Video Station7
Total					10	10	10	10	10	10	
001	001	Master Station1	GF	Master Station	U	U	U	U	U	U	
002	002	Master Station2	GF	Master Station	U	1) U	U	U	U	U	
003	003	Master Station3	GF	Master Station	U	U	U	U	U	U	
004	004	Master Station4	2F	Master Station	2) U	U	U	U	U	U	
005	005	Master Station5	2F	Master Station	U	U	U	U	U	U	
006	006	Master Station6	2F	Master Station	U	U	U	U	U	U	
007	007	Master Station7		Master Station	U	U	U	U	U	U	

### How to select Call Destination

Register the Master Stations in the Master Station list for the call destination for each Door Station in the Door Station list.

- 1) Identify the Door Station to be configured using "Door Station list."
- 2) Identify the Master Station to be registered using "Master Station list."
- 3) Click the cells that correspond to 1) and 2). As the pull-down menu appears, choose blank, "U," or "M."

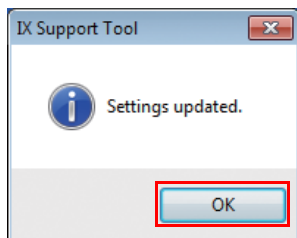
Blank: The selected station will not be registered.

U: The station will be registered in the call destination. An outgoing call is transmitted as unicast.

M: Station will be registered in the call destination. Video is transmitted as multicast for an outgoing call. (Video Door Station only)

- 4) When done, click **Update**.

- 5) Click **OK**.



### Point

"U" (Unicast) is the default setting.

## 5.3. Call Origination (Door Station only)

Configure the settings for an outgoing call.

#	Station Information				Call Settings			
	Identification				Call Origination			
	Number	Name	Location	Type	Call Acknowledged Settings			
				Ringback Tone	Call Timeout [sec]		Ringback Tone Count [time(s)]	
					Range	10-600 sec		
001	001	Master Station1	GF	Master Station				
002	002	Master Station2	GF	Master Station				
003	003	Master Station3	GF	Master Station				
004	004	Master Station4	2F	Master Station				
005	005	Master Station5	2F	Master Station				

### 5.3.1. Call Acknowledged Settings

#### ■ Ringback Tone

Description	Select the ringback tone (tone heard at calling station when a call is placed).
Settings	<ul style="list-style-type: none"> <li>• Call pattern 1</li> <li>• Call pattern 2</li> <li>• Call pattern 3</li> <li>• Call pattern 4</li> <li>• Call pattern 5</li> <li>• Call pattern 6</li> <li>• Tremolo sound</li> <li>• Busy tone</li> <li>• On-hold tone</li> <li>• Operation sound</li> <li>• Error sound</li> <li>• Sound registered in "3.4. Custom Sound Registry" ► <a href="#">P.146</a></li> </ul>
Default values	Call pattern 1

#### ■ Call Timeout [sec] ◆

Description	Set the call timer for an outgoing call.
Settings	<ul style="list-style-type: none"> <li>• Infinite: Ringing continues until the recipient responds</li> <li>• 10-600 sec (by 1 sec)</li> </ul>
Default values	10-600 sec, 60 sec

#### ■ Ringback Tone Count [time(s)]

Description	Set the count of ringback tone.
Settings	<ul style="list-style-type: none"> <li>• Infinite: Ringback tone continues until the recipient responds</li> <li>• 1-20 times</li> </ul>
Default values	Infinite



## ■ Busy tone

<b>Description</b>	Select the tone that will be heard at the calling station when the called station is busy.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Call pattern 1</li> <li>• Call pattern 2</li> <li>• Call pattern 3</li> <li>• Call pattern 4</li> <li>• Call pattern 5</li> <li>• Call pattern 6</li> <li>• Tremolo sound</li> <li>• Busy tone</li> <li>• On-hold tone</li> <li>• Operation sound</li> <li>• Error sound</li> <li>• Sound registered in "3.4. Custom Sound Registry" &gt; <a href="#">P.146</a></li> </ul>
<b>Default values</b>	Busy tone

## ■ Error Tone (Call failed)

<b>Description</b>	Select the tone that will be heard when a call fails.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Call pattern 1</li> <li>• Call pattern 2</li> <li>• Call pattern 3</li> <li>• Call pattern 4</li> <li>• Call pattern 5</li> <li>• Call pattern 6</li> <li>• Tremolo sound</li> <li>• Busy tone</li> <li>• On-hold tone</li> <li>• Operation sound</li> <li>• Error sound</li> <li>• Sound registered in "3.4. Custom Sound Registry" &gt; <a href="#">P.146</a></li> </ul>
<b>Default values</b>	Error sound

## 5.4. Incoming call

Configure the settings for an incoming call.

"5.4.3. Station Ringtone Settings" ► [P.156](#)

Open Station Ringtone Settings									
#	Identification				Call Settings				
	Number	Name	Location	Type	Incoming call		Ringtone Settings (Normal Call)		
					Auto Answer	Ringtone Count [time(s)]	001/001/Master Station1/GF	002/002/Master Station2/GF	
001	001	Master Station1	GF	Master Station	ON	Infinite	-	Call pattern 1	
002	002	Master Station2	GF	Master Station	ON	Infinite	Call pattern 1	-	
003	003	Master Station3	GF	Master Station	ON	Infinite	Call pattern 1	Call pattern 1	
004	004	Master Station4	2F	Master Station	ON	Infinite	Call pattern 1	Call pattern 1	
005	005	Master Station5	2F	Master Station	ON	Infinite	Call pattern 1	Call pattern 1	

### 5.4.1. Call Answer Settings (Master Station only)

#### ■ Auto Answer

<b>Description</b>	Set auto answer feature for an incoming individual call. Auto answer: When a call comes in, it is automatically connected.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• ON</li> <li>• OFF</li> </ul>
<b>Default values</b>	OFF

#### ■ Ringback Tone Count [time(s)]

<b>Description</b>	Set the ringtone count for an incoming call.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Infinite: ringtone continues until the recipient responds or the call ends.</li> <li>• 1-20 times</li> </ul>
<b>Default values</b>	Infinite


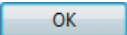
## 5.4.2. Ringtone Settings (Normal Call) (Master Station only)

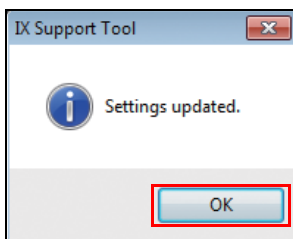
Set the ringtone for an incoming call.

Set a different ringtone for each source.

Master Station list					Call source				
#	Identification				Call Settings				
	Number	Name	Location	Type	Incoming call				
					Ringtone Settings (Normal Call)				
					001/100/Master station 1/GF	002/200/Master station 2/2F	003/300/Door Station 1/Main En	004/400/Door station	
001	100	Master station 1	GF	Master Station	-	Call pattern 1	Call pattern 1	-	
002	200	Master station 2	2F	Master Station	Call pattern 1	Call pattern 1	Call pattern 1	-	
003	300	Door Station 1	Main Entrance	Video Door Station	-	-	-	-	
004	400	Door station 2	Sub Entrance	Audio Only Door Station	-	-	-	-	
005	500	Door Station 3	Parking	Audio Only Door Station	-	-	-	-	

### How to configure the ringtone

- 1) Identify the Master Station to be configured using "Master Station list."
- 2) Identify the station to be registered in "Call source."
- 3) Click the cells that correspond to 1) and 2). As the pull-down menu appears, choose a ringtone.  
Call Patterns 1 through 6, Tremolo sound, Busy tone, On-hold tone, Operation sound, Error sound, and Sound registered in "3.4. Custom Sound Registry" ► [P.146](#)
- 4) When done, click .
- 5) Click .



### Point

"Call Pattern 1" is the default setting.

### 5.4.3. Station Ringtone Settings

Assign the ringtone to the stations in the Address Book or Door Station call destination in a batch. Assign the ringtone to all the stations (Master Stations) registered in the Address Book of the calling station or in the call destination of the station.

Click  , the following window will be shown.

Station to be edited. Selected station information.

1)

**Select Station to Edit**

Type: All

Number: 002

Previous Select Next

**Detailed Ringtone Setup**

Source Station

Station Information

Number	Name	Location
001	Master Station1	GF

Enter contact input specifications

Input Number	Type	Detection time [msec]	Usage
1	Make	200-2000msec / 100msec step	
		200	

Destination Station

Ringtone Setting (Normal Call) 2)

Ringtone

Call pattern 1

Ringtone Setting (Option Input)

Ringtone

Call pattern 2

Master Station Address Book

#	Number	Name	Location
001	002	Master Station2	GF
002	003	Master Station3	GF
003	004	Master Station4	2F
004	005	Master Station5	2F
005	006	Master Station6	2F
006	007	Master Station7	
007	008	Master Station8	
008	009	Master Station9	
009	010	Master Station10	
010	011	Viden Station1	

Address Book of station being edited.  
If the station being edited is a door station, this will not be shown.

#### How to configure


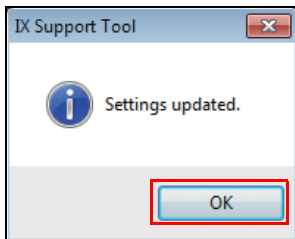
1) Select the station number of the station to be edited from "Type" and "Number," and click

.

- : Selects the previous station number.
- : Selects the next station number.

**2) Configure the settings for the ringtone.**

- Ringtone Settings (Normal Call): The settings configured in "5.4.2. Ringtone Settings (Normal Call) (Master Station only)" > **P.155** will be shown. When the setting is changed, the settings in "5.4.2. Ringtone Settings (Normal Call) (Master Station only)" > **P.155** will be changed as well.
- Ringtone Settings (Option Input): The settings configured in "6.2.4. Ringtone Settings (Option Input) (Master Station only)" > **P.168** will be shown. When the setting is changed, the settings in "6.2.4. Ringtone Settings (Option Input) (Master Station only)" > **P.168** will be changed as well.

**3) When done, click .****4) Click .****Point**

The settings configured in "4.1.1. Contact Input Specifications" > **P.147** will be shown in "Enter contact input specifications." When the setting is changed, the settings in "4.1.1. Contact Input Specifications" > **P.147** will be changed as well.

## 5.5. All Page

When paging all stations, the default setting is multicast. When unicast is required, configure the following settings.

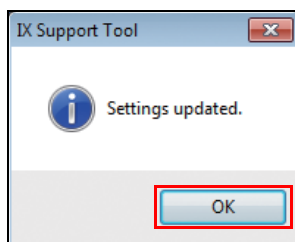
Unicast can transmit up to 50 stations.

- When paging stations in multicast, configure "2.4. Multicast Address (Master Station and Video Door Station only)" ► [P.122](#).

Master Station list					Master Station and Door Station list							
#	Identification		Location	Type	Call Settings							
	Number	Name			All Page							
					Unicast							
					001/001/Master S	002/002/Master S	003/003/Master S	004/004/Master S	005/005/Master S	006/006/Master S	007	
001	001	Master Station1	GF	Master Station	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
002	002	Master Station2	GF	Master Station	<input type="checkbox"/>	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
003	003	Master Station3	GF	Master Station	<input type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
004	004	Master Station4	2F	Master Station	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>	<input type="checkbox"/>		
005	005	Master Station5	2F	Master Station	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>		

### How to configure

- Identify the Master Station to be configured using "Master Station list."
- Identify the station(s) to transmit unicast using "Master Station and Door Station list."
- For the cells corresponding to **1)** and **2)**, check .
  - Checked : Unicast transmission
  - Unchecked : Multicast transmission
- When done, click .
- Click .



### Point

- (multicast) is the default setting.

## 6. Function Settings

### 6.1. Door Release Settings

Configure the Door Release Settings.

"6.1.5. Individual Master Station Door Release Settings (Master Station only)" > [P.162](#)

Individual Master Station Door Release Settings									
#	Identification				Function Settings				
	Number	Name	Location	Type	Door Release Settings			Door Release Output Settings (same as Contact / Audi	
					Door Release Tone	Door Release Authorization	Output Time [msec / sec]		
					Door Release Operating Tone	Authentication Key	Range	200-2000 msec	3-300 sec
001	001	Master Station1	GF	Master Station		****	200-2000 msec	400	
002	002	Master Station2	GF	Master Station		****	200-2000 msec	400	
003	003	Master Station3	GF	Master Station		****	200-2000 msec	400	
004	004	Master Station4	2F	Master Station		****	200-2000 msec	400	
005	005	Master Station5	2F	Master Station		****	200-2000 msec	400	

#### 6.1.1. Door Release Tone (Door Station only)

##### ■ Door Release Operating Tone

<b>Description</b>	Set the tone which comes out of the station when the door is released.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• None</li> <li>• Call pattern 1</li> <li>• Call pattern 2</li> <li>• Call pattern 3</li> <li>• Call pattern 4</li> <li>• Call pattern 5</li> <li>• Call pattern 6</li> <li>• Tremolo sound</li> <li>• Busy tone</li> <li>• On-hold tone</li> <li>• Operation sound</li> <li>• Error sound</li> <li>• Sound registered in "3.4. Custom Sound Registry" &gt; <a href="#">P.146</a></li> </ul>
<b>Default values</b>	Operation sound

## 6.1.2. Door Release Authorization

### ■ Authentication Key

<b>Description</b>	Set the authentication key to authenticate the release of the door. Authentication key: When this matches the key of the station, the release will be permitted.
<b>Settings</b>	1-4 digits
<b>Default values</b>	-

#### Point

"■Authentication Key" will be displayed as "\*\*\*\*\*" on the screen.

## 6.1.3. Door Release Output Settings (same as Contact / Audio Output Settings)

### ■ Output Time [msec / sec] ◆

<b>Description</b>	Set the output time of the relay output for each station. The entry is identical to "■Output Time [msec / sec] ◆" > P.148. When the setting is changed, "■Output Time [msec / sec] ◆" > P.148 will be changed as well.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• 0 (Momentary): Delivers output while Master Station presses "Door Release" button.</li> <li>• 200-2000 msec (by 200 msec)</li> <li>• 3-300 sec (by 1 sec)</li> </ul>
<b>Default values</b>	200-2000 msec, 400 msec

### ■ Usage

<b>Description</b>	Set the usage of relay output for each station. The entry is identical to "■Usage" > P.148. When the setting is changed, "■Usage" > P.148 will be changed as well.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Blank: Not used</li> <li>• Door Release: Output to release the door.</li> <li>• Paging control (Door Station only): Output while paging. Regardless of "■Output time" setting, the output is active for the duration of paging audio.</li> <li>• Contact Input Call / Communication State (Door Station only): Delivers output during a call or communication triggered by the contact input.</li> </ul>
<b>Default values</b>	Blank

#### Point

If "New System" is chosen from "Login and registration of the station," the settings for "■Usage" will be "Door Release" when "Automatically configure door release for all stations?" is enabled.



## 6.1.4. Door Release Output Assignment

Configure the connected station and the Authentication Key to release the door during a call.

### Destination Station:

Serial Number, Station Number, Station Name

#	Identification				Function Settings					
	Number	Name	Location	Type	Door Release Settings					
Door Release Output Assignment										
					001/001/Master Station1/GF	002/002/Master Station2/GF	003/003/Ma			
					Contact Assignment	Authentication Key	Contact Assignment	Authentication Key	Contact Assi	
001	001	Master Station1	GF	Master Station		- Destination Station	****	Destination S		
002	002	Master Station2	GF	Master Station	Destination Station	****		- Destination S		
003	003	Master Station3	GF	Master Station	Destination Station	****	Destination Station	****		
004	004	Master Station4	2F	Master Station	Destination Station	****	Destination Station	****	Destination S	
005	005	Master Station5	2F	Master Station	Destination Station	****	Destination Station	****	Destination S	

### ■ Contact Assignment

<b>Description</b>	Set which door is to be released for an outgoing or incoming call or during monitoring for each station.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Originating Station: Door connected to the originating station is released.</li> <li>• Destination Station: Door connected to the destination station is released.</li> </ul>
<b>Default values</b>	Destination Station

### ■ Authentication Key

<b>Description</b>	When "Destination Station" is chosen in "■Contact Assignment," set the authentication key to be used when releasing the door. This should match the authentication key of the destination station.
<b>Settings</b>	1-4 digits
<b>Default values</b>	-

#### Point

- "Authentication Key" will be displayed as "\*\*\*\*\*" on the screen.
- If "New System" is chosen from "Login and registration of the station," the settings for "■Authentication Key" will generate a random string of four letters and assign this when "Automatically configure door release for all stations?" is enabled.

## 6.1.5. Individual Master Station Door Release Settings (Master Station only)

Click  , the following window will be shown.

Selected station information.

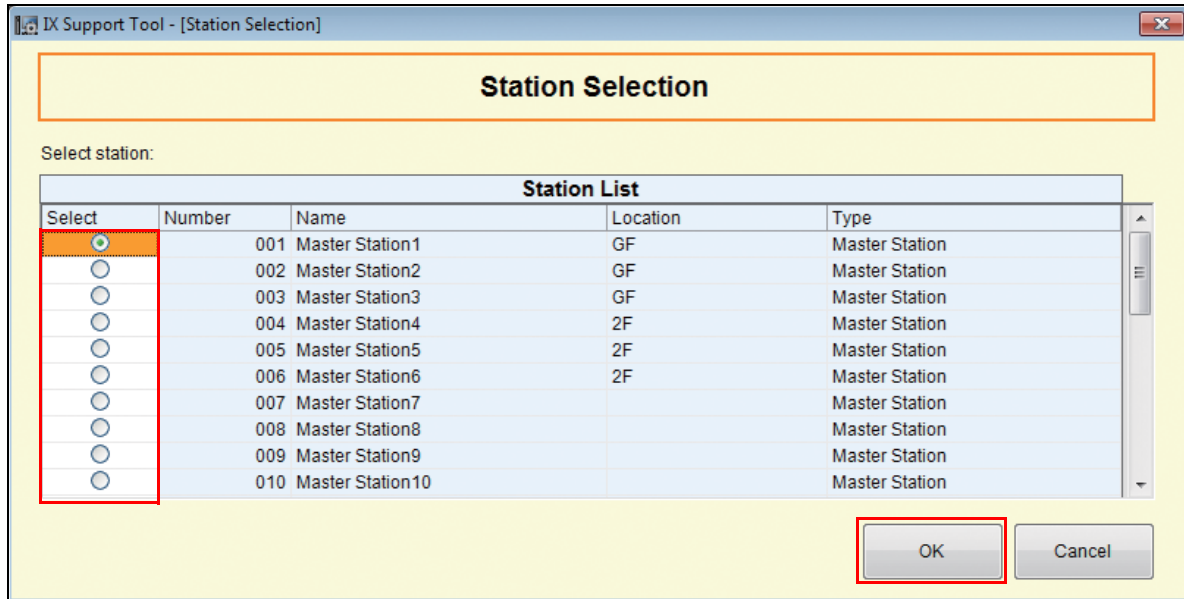
The screenshot shows the 'Master Station Door Release Settings' window. It is divided into several sections:

- 1)** A yellow box at the top left titled 'Select Station to Edit' containing a 'Number' dropdown menu (set to 001) and 'Previous', 'Select', and 'Next' buttons.
- 2)** A blue header bar 'Master Station Door Release Settings' and a table titled 'Station Information' with columns 'Number', 'Name', and 'Location'. The table contains one row: 001, Master Station 1, GF. Below the table is an 'Apply' button.
- 3)** A section titled 'Settings for Door Release Destination' containing a 'Select Destination Station' table with columns 'Number', 'Name', and 'Location', and a 'Station List' button.
- 3)** A section titled 'Select door release operating tone' with a dropdown menu.
- 3)** A section titled 'Door Release Authorization' with an 'Authentication key' input field.
- 3)** A section titled 'Select Stations for Door Release when using this Master Station's Relay' containing a table with columns 'Select', 'Number', 'Name', and 'Location', and 'Add' and 'Delete' buttons.
- 4)** A section titled 'Set stations with door release connection' containing a 'Select' button.
- 5)** A table at the bottom with columns 'Number', 'Name', 'Location', 'Output Time [msec / sec]', and 'Usage'.

### How to configure

- 1) Select the station number (Master Station only) of the station to be edited, and click  .
  - : Selects the previous station number.
  - : Selects the next station number.

- 2) Click  , the following window will be shown. Select the destination station to be released when the station selected in 1) operates the door release, and click .



When the station selected is the destination station

- 3) Only the door release operating tone will be set up. (If the selected station is Master Station, only "None")

The settings configured in "■Door Release Operating Tone" > P.159 will be shown. Choose the door release operating tone in the pull-down menu, and change the setting.

- When the setting is changed, the settings configured in "■Door Release Operating Tone" > P.159 will be changed as well.

Configure the authentication key.

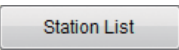
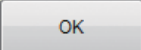
The settings configured in "■Authentication Key" > P.160 will be shown. Enter the authentication key and change the setting. The configured authentication key will be copied to the key.

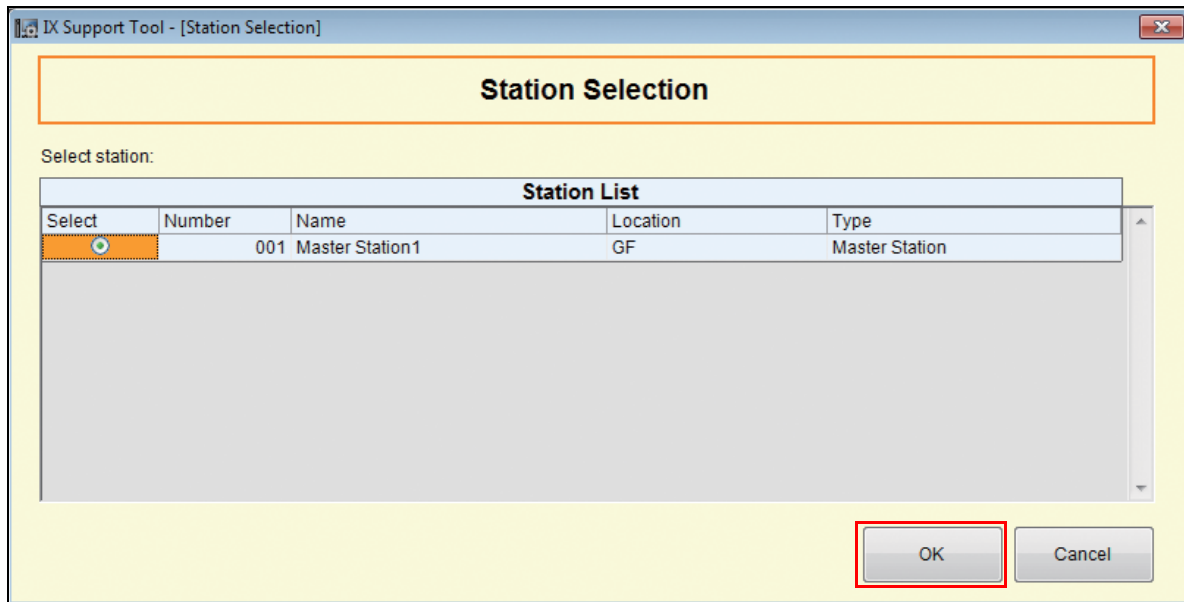
- When the setting is changed, the settings configured in "■Authentication Key" > P.160 will be changed as well.


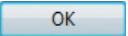
When the station selected is the originating station

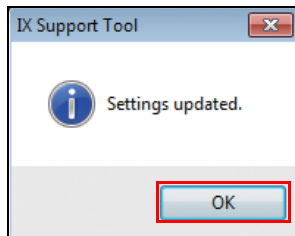
- 3) Select the destination station when the door connected to the originating station is to be released.

- 4) Change the door release output specification of the station connected in the door release settings.


Click  then , the settings configured in "6.1.3. Door Release Output Settings (same as Contact / Audio Output Settings)" > **P.160** will be shown.



- 5) Change the door release output specification.
- When the setting is changed, the settings configured in "6.1.3. Door Release Output Settings (same as Contact / Audio Output Settings)" > **P.160** will be changed as well.
- 6) When done, click .
- 7) Click .



### Point

Click , to choose the "Destination Station" for "Contact Assignment" of the station being edited and copy the authentication keys for all other stations to allow for release of all stations. The key cannot be copied to a station whose authentication key is empty.

## 6.2. Contact Input Call

Configure the settings for a call when a Contact Input Call is made.

When choosing "Call," configure "■Usage" > [P.147](#).

"6.2.5. Master Station Group List (Master Station only)" > [P.168](#)

"6.2.6. Door Station Group List (Door Station only)" > [P.169](#)

"6.2.7. Station Ringtone Settings" > [P.172](#)

<a href="#">Open Master Station Group List</a> <a href="#">Open Door Station Group List</a> <a href="#">Open Station Ringtone Settings</a>									
#	Identification				Function Settings				
	Number	Name	Location	Type	Door Station Call Group Assignment		Call Acknowledged Settings		
					1		Ringback Tone	Call Timeout [sec]	
					Group Number	Priority		Range	10-600
001	001	Master Station1	GF	Master Station				10-600 sec	60
002	002	Master Station2	GF	Master Station				10-600 sec	60
003	003	Master Station3	GF	Master Station				10-600 sec	60
004	004	Master Station4	2F	Master Station				10-600 sec	60
005	005	Master Station5	2F	Master Station				10-600 sec	60

### 6.2.1. Door Station Call Group Assignment (Door Station only)

#### ■ 1 - Group Number

<b>Description</b>	Set the group to be called when a contact input is triggered on the Door Stations. Create a group in "6.2.6. Door Station Group List (Door Station only)" > <a href="#">P.169</a> .
<b>Settings</b>	01-09
<b>Default values</b>	01

#### ■ 1 - Priority

<b>Description</b>	Set the priority of the call when a contact input is triggered on the Door Stations.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Normal</li> <li>• Priority</li> <li>• Urgent</li> </ul>
<b>Default values</b>	Normal

## 6.2.2. Call Acknowledged Settings

### ■ Ringback Tone (Door Station only)

<b>Description</b>	Select the Ringback tone when a contact input is triggered on the Door Stations.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Call pattern 1</li> <li>• Call pattern 2</li> <li>• Call pattern 3</li> <li>• Call pattern 4</li> <li>• Call pattern 5</li> <li>• Call pattern 6</li> <li>• Tremolo sound</li> <li>• Busy tone</li> <li>• On-hold tone</li> <li>• Operation sound</li> <li>• Error sound</li> <li>• Sound registered in "3.4. Custom Sound Registry" &gt; <a href="#">P.146</a></li> </ul>
<b>Default values</b>	Call pattern 2

### ■ Call Timeout [sec] ◆

<b>Description</b>	Set the call ring timer for a contact input call.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Infinite: Ringing continues until the caller stops or the recipient responds.</li> <li>• 10-600 sec (by 1 sec)</li> </ul>
<b>Default values</b>	60 sec

### ■ Ringback Tone Count [time(s)] (Door Station only)

<b>Description</b>	Set the count of ringback tone.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Infinite: Ringing continues until the recipient responds</li> <li>• 1-20 times</li> </ul>
<b>Default values</b>	Infinite

### 6.2.3. Master Station Call Group Assignment (Master Station only)

#	Identification				Function Settings				
	Number	Name	Location	Type	Contact Input Call			Ringtone Settings (Option Input)	
					Master Station Call Group Assignment			1	
	Group Number	Group List	Priority	001/001/Master Station1/GF	002/002/Master Station				
001	001	Master Station1	GF	Master Station	<input type="button" value="Open"/>	Normal	-	Call pattern 2	
002	002	Master Station2	GF	Master Station	<input type="button" value="Open"/>	Normal	Call pattern 2	-	
003	003	Master Station3	GF	Master Station	<input type="button" value="Open"/>	Normal	Call pattern 2	Call pattern 2	
004	004	Master Station4	2F	Master Station	<input type="button" value="Open"/>	Normal	Call pattern 2	Call pattern 2	
005	005	Master Station5	2F	Master Station	<input type="button" value="Open"/>	Normal	Call pattern 2	Call pattern 2	

#### ■ 1 - Group Number

<b>Description</b>	Set the group to be called when a contact input is triggered on the Master Station. Enter the group number directly, or click <input type="button" value="Open"/> to choose a group. Create a group in "6.2.5. Master Station Group List (Master Station only)" <a href="#">▶ P.168</a> .
<b>Settings</b>	01-99
<b>Default values</b>	-

#### ■ 1 - Priority

<b>Description</b>	Set the priority of the call when a contact input is triggered on the Master Station.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Normal</li> <li>• Priority</li> <li>• Urgent</li> </ul>
<b>Default values</b>	Normal


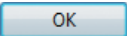
### 6.2.4. Ringtone Settings (Option Input) (Master Station only)

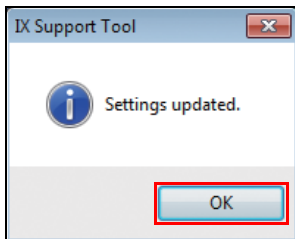
Select the ringtone for an incoming contact input call.

Set a different ringtone for each source.

Master Station list					Call source			
#	Identification				Function Settings			
	Number	Name	Location	Type	Contact Input Call			
					Ringtone Settings (Option Input)			
					001/001/Master Station1/GF	002/002/Master Station2/GF	003/003/Master Station3/GF	004/004/Master S
001	001	Master Station1	GF	Master Station	-	Call pattern 2	Call pattern 2	Call pattern 2
002	002	Master Station2	GF	Master Station	Call pattern 2	-	Call pattern 2	Call pattern 2
003	003	Master Station3	GF	Master Station	Call pattern 2	Call pattern 2	Call pattern 2	Call pattern 2
004	004	Master Station4	2F	Master Station	Call pattern 2	Call pattern 2	Call pattern 2	-
005	005	Master Station5	2F	Master Station	Call pattern 2	Call pattern 3	Call pattern 2	Call pattern 2
006	006	Master Station6	2F	Master Station	Call pattern 2	Call pattern 4	Call pattern 2	Call pattern 2
007	007	Master Station7		Master Station	Call pattern 2	Call pattern 5	Call pattern 2	Call pattern 2
008	008	Master Station8		Master Station	Call pattern 2	Call pattern 6	Call pattern 2	Call pattern 2
009	009	Master Station9		Master Station	Call pattern 2	Tremolo sound	Call pattern 2	Call pattern 2
010	010	Master Station10		Master Station	Call pattern 2	Busy tone	Call pattern 2	Call pattern 2
						On-hold tone	Call pattern 2	Call pattern 2
						Operation sound	Call pattern 2	Call pattern 2
						Error sound	Call pattern 2	Call pattern 2

#### How to configure the ringtone

- 1) Identify the Master Station to be configured using "Master Station list."
- 2) Identify the station to be registered in "Call source."
- 3) Click the cells that correspond to 1) and 2). As the pull-down menu appears, choose a ringtone.  
Call Patterns 1 through 6, Tremolo sound, Busy tone, On-hold tone, Operation sound, Error sound, and Sound registered in "3.4. Custom Sound Registry" > P.146
- 4) When done, click .
- 5) Click .



#### Point

"Call Pattern 2" is the default setting.

### 6.2.5. Master Station Group List (Master Station only)

Click , the screen will proceed to "3.3. Group."

Register a group referring to "3.3. Group" > P.142.



## 6.2.6. Door Station Group List (Door Station only)

Configure the group to be called when a contact input is triggered on the Door Stations.

Click  , the following window will be shown.

Create Group from Location(s) <small>U = Unicast, M = Multicast If designating "M", multicast IP addresses must be configured for the station(s).</small>										
<input type="button" value="Previous"/> <span style="margin: 0 10px;">011</span> <input type="button" value="Next"/>										
#	Master Station Information				Group					
	Number	Name	Location	Type	Shared Group					
Total					D01	D02	D03	D04	D05	D06
001	001	Master Station1	GF	Master Station	0	0	0	0	0	0
002	002	Master Station2	GF	Master Station						
003	003	Master Station3	GF	Master Station						
004	004	Master Station4	2F	Master Station						
005	005	Master Station5	2F	Master Station						



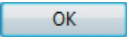
### ■ How to create a Called Station Group

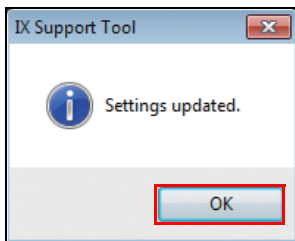
#### ● Shared Called Group Settings

A group registered in the shared group settings will be applied to all Master Stations.

Create Group from Location(s) <small>U = Unicast, M = Multicast If designating "M", multicast IP addresses must be configured for the station(s).</small>										
<input type="button" value="Previous"/> <span style="margin: 0 10px;">011</span> <input type="button" value="Next"/>										
#	Master Station Information				Group					
	Number	Name	Location	Type	Shared Group					
Total					D01	D02	D03	D04	D05	D06
001	001	Master Station1	GF	Master Station	U					
002	002	Master Station2	GF	Master Station						
003	003	Master Station3	GF	Master Station	U					
004	004	Master Station4	2F	Master Station						
005	005	Master Station5	2F	Master Station						
006	006	Master Station6	2F	Master Station						
007	007	Master Station7		Master Station	U					

- 1) Verify that the "Shared Group" table is shown.  
If "Shared Group" is not visible, scroll the screen all the way to the left.
- 2) Identify the called group to be configured in "Group Registry List."
- 3) Identify the station to be registered in the group in "Master Station list."

- 4) Click the cells that correspond to **2)** and **3)**. As the pull-down menu appears, choose blank, "U," or "M/U."
- Blank: The selected station will not be registered.
  - U: Station will be registered in the group. A call is transmitted in unicast transmission.
  - M/U: Station will be registered in the group. When called, Video Door Station is transmitted in multicast and Audio Only Door Station in unicast.
- 5) When done, click .
- When clicking , the data entered in the shared called group will be registered to each Master Station, and will be removed from the shared called group section.
- 6) Click .



### Point

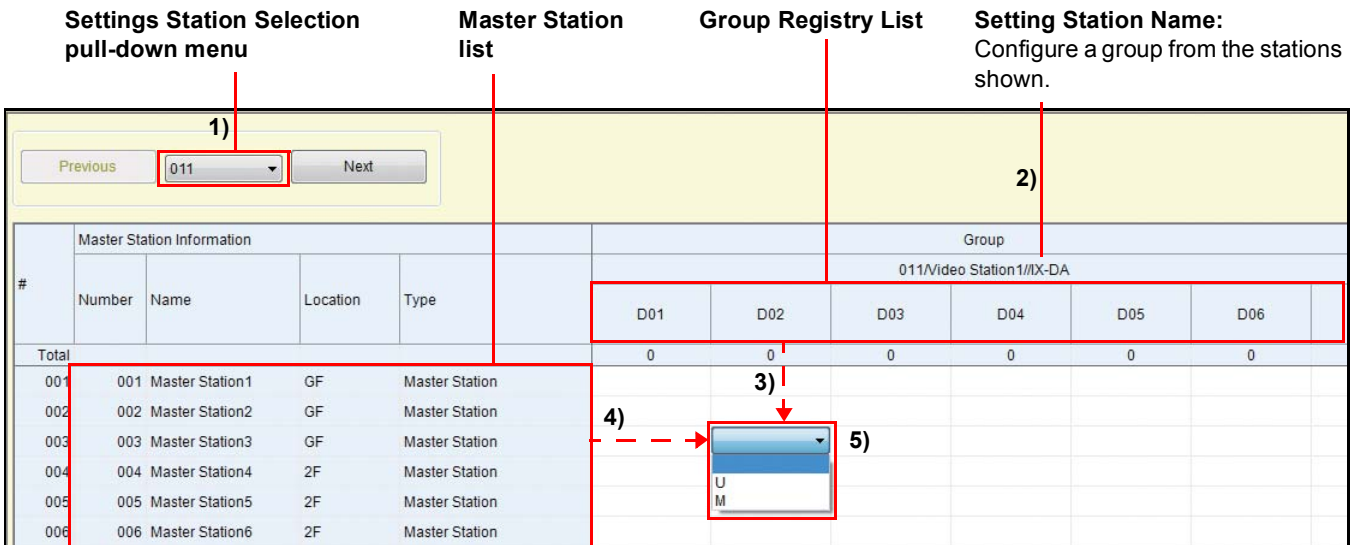
- No group is registered in the default settings.
- Register up to nine groups for each station. For each group, register up to 20 Master Stations.
- When choosing "M/U," configure "2.4. Multicast Address (Master Station and Video Door Station only)" ➤ [P.122](#).


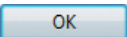
### Important

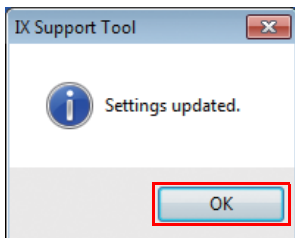
**"Shared Group" registration should be completed prior to individual Door Station group registration. If a "Shared Group" is configured using the same group number as a Door Station individual group, the individual group setting will be overwritten.**

● **Individual Settings**

Configure the group to be registered in each station.



- 1) Select the station number to be configured from Settings Station Selection pull-down menu.
  - The station preceding and following the station selected will be shown. For example, if "003" is selected, "002," "003," and "004" groups are shown.
- 2) Scroll to the right using the scroll bar at the bottom of the screen to show the settings station to be configured.
- 3) Identify the group to be configured in "Group Registry List."
- 4) Identify the station to be registered in the group in "Master Station list."
- 5) Click the cells that correspond to 3) and 4). As the pull-down menu appears, choose blank, "U," or "M."
  - Blank: The selected station will not be registered.
  - U: Station will be registered in the group. A call is transmitted as unicast.
  - M: Station will be registered in the group. Video is transmitted as multicast. (Video Door Station only)
- 6) When done, click .
- 7) Click .



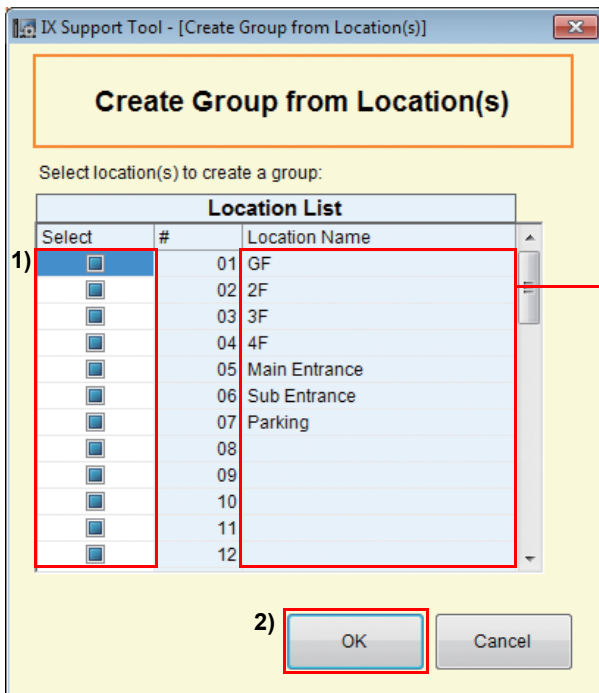
### Point

- No group is registered in the default settings.
- Register up to nine groups for each station. For each group, register up to 20 Master Stations.
- When choosing "M," configure "Multicast Address" in "Network Settings."

### ■ Create Group from Location(s)

Create a group with the stations configured for an identical location.

Click , the following window will be shown.



The locations registered in "1.1.2. Location Registry" > P.111 will be shown.

1) Check the check box of the location for which a group is to be created.

2) Click .

- A group of the stations which belong to the selected location will be registered in the shared group with a serial number and smaller figures.
- For further steps, refer to "●Shared Called Group Settings" > P.169.

## 6.2.7. Station Ringtone Settings

Click , the screen will proceed to "5.4.3. Station Ringtone Settings" > P.156.

Register a ringtone referring to "5.4.3. Station Ringtone Settings" > P.156.

## 6.3. Paging Settings

Configure the settings for paging.

#	Station Information				Function Settings		
	Identification				Paging Settings		
	Number	Name	Location	Type	Paging Pretone Setting	Paging Time Setting	Paging Output Setting
					Pretone	Paging Timeout [sec]	Paging Audio Output (same as Contact / Audio Output Settings)
001	001	Master Station1	GF	Master Station	ON	30	
002	002	Master Station2	GF	Master Station	ON	30	
003	003	Master Station3	GF	Master Station	ON	30	
004	004	Master Station4	2F	Master Station	ON	30	
005	005	Master Station5	2F	Master Station	ON	30	

### 6.3.1. Paging Pretone Setting

#### ■ Pretone

<b>Description</b>	Enable/disable the pretone function when the station is paged.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• ON</li> <li>• OFF</li> </ul>
<b>Default values</b>	ON

### 6.3.2. Paging Time Setting (Master Station only)

#### ■ Paging Timeout [sec] ◆

<b>Description</b>	Set maximum time for a page.
<b>Settings</b>	10-600 sec (by 1 sec)
<b>Default values</b>	30 sec

### 6.3.3. Paging Output Setting (Door Station only)

#### ■ Paging Audio Output (same as Contact / Audio Output Settings)

<b>Description</b>	<p>Set how audio is to be delivered.</p> <p>The entry is identical to "■Audio Output" &gt; P.149 and "■Paging Audio Output (same as Contact / Audio Output Settings)" &gt; P.174. When the setting is changed, "■Audio Output" &gt; P.149 and "■Paging Audio Output (same as Contact / Audio Output Settings)" &gt; P.174 will be changed as well.</p>
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Built-in Speaker for communication and paging</li> <li>• Audio Output for communication and paging</li> <li>• Built-in Speaker for communication, Audio Output for paging</li> </ul>
<b>Default values</b>	Built-in Speaker for communication and paging

## 6.4. Paging Output Setting (Door Station only)

#	Station Information				Function Settings
	Identification				Paging Output Setting
	Number	Name	Location	Type	Paging Audio Output (same as Contact / Audio Output Settings)
001	001	Master Station1	GF	Master Station	Paging Audio Output (same as Contact / Audio Output Settings)
002	002	Master Station2	GF	Master Station	
003	003	Master Station3	GF	Master Station	
004	004	Master Station4	2F	Master Station	
005	005	Master Station5	2F	Master Station	

### 6.4.1. Paging Audio Output (same as Contact / Audio Output Settings)

#### ■ Paging Audio Output (same as Contact / Audio Output Settings)

<b>Description</b>	Set how audio is to be delivered. The entry is identical to "■Audio Output" > <a href="#">P.149</a> and "6.3.3. Paging Output Setting (Door Station only)" > <a href="#">P.173</a> . When the setting is changed, "■Audio Output" > <a href="#">P.149</a> and "6.3.3. Paging Output Setting (Door Station only)" > <a href="#">P.173</a> will be changed as well.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Built-in Speaker for communication and paging</li> <li>• Audio Output for communication and paging</li> <li>• Built-in Speaker for communication, Audio Output for paging</li> </ul>
<b>Default values</b>	Built-in Speaker for communication and paging

## 6.5. Network Camera Integration (Master Station only)

Configure the Event from Network Cameras.

To configure the settings, register a network camera in "■ Network Camera Registry" > [P.138](#).

"6.5.2. Network Camera Event Registry" > [P.176](#)

Event Registry field:  
Registered events will be shown.

Open Network Camera Event Registry									
#	Identification				Function Settings				
	Number	Name	Location	Type	Network Camera Integration		Event Registry		
					Network Camera Event Tone	Event Tone Count [time(s)]	Camera Name	Event	Camera Name
001	100	Master station 1		Master Station	Call pattern 3	1		01	02
002	200	Master station 2		Master Station	Call pattern 3	1			
003	300	Door Station 1		Video Door Station					
004	400	Door station 2		Audio Only Door Station					
005	500	Door Station 3		Audio Only Door Station					

### 6.5.1. Network Camera Event Tone

#### ■ Network Camera Event Tone

Description	Select the event tone for the network cameras.
Settings	<ul style="list-style-type: none"> <li>• Call pattern 1</li> <li>• Call pattern 2</li> <li>• Call pattern 3</li> <li>• Call pattern 4</li> <li>• Call pattern 5</li> <li>• Call pattern 6</li> <li>• Tremolo sound</li> <li>• Busy tone</li> <li>• On-hold tone</li> <li>• Operation sound</li> <li>• Error sound</li> <li>• Sound registered in "3.4. Custom Sound Registry" &gt; <a href="#">P.146</a></li> </ul>
Default values	Call pattern 3

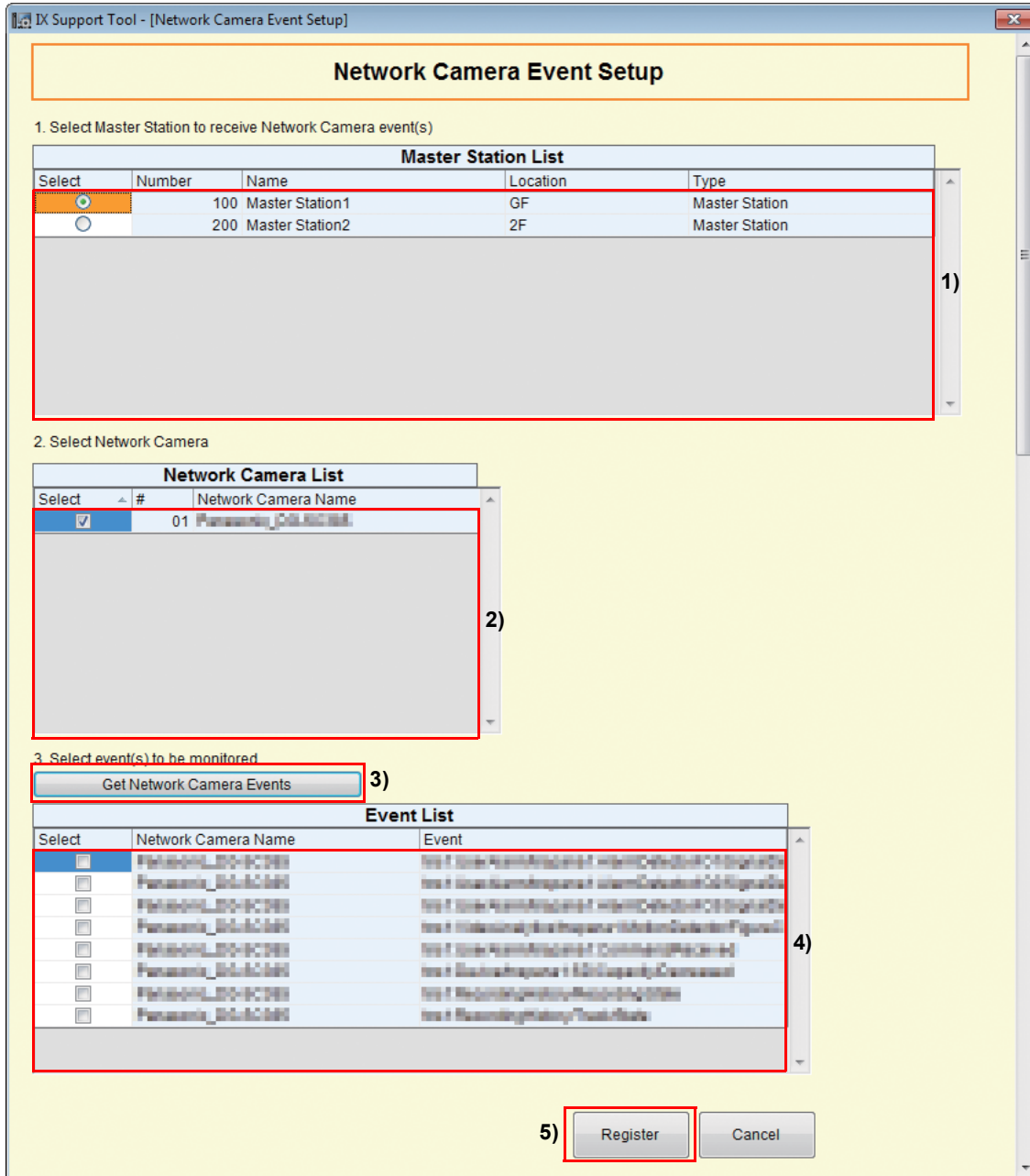
#### ■ Event Tone Count [time(s)]

Description	Set the event tone count for the network cameras.
Settings	<ul style="list-style-type: none"> <li>• Infinite: Ringing continues until the event is terminated.</li> <li>• 1-20 times</li> </ul>
Default values	1

## 6.5.2. Network Camera Event Registry

Before configuring the settings, register a Network Camera in the Address Book of the Master Station which receives an Event beforehand. For details, refer to "3.2.2. Network Camera List" ▶ P.137.

Click  , "Network Camera Event Setup" window will be shown.





## How to configure Network Camera Event Setup

- 1) In "Master Station List," check  the station in which network camera event will be registered.
- 2) In "Network Camera List," check  the network camera which will be monitored for any event.
  - The network cameras registered in "■Network Camera Registry" ► [P.138](#) will be shown.
- 3) Click .  
(Obtaining the events may take several minutes.)
  - Once events are successfully obtained, they will be shown in "Event List."
- 4) Check  the events shown in the "Event List."
- 5) Click .
  - The network cameras and events registered in event registry will be shown.

### Point

When clearing an "Event", click , then the registered event will be deleted.

## 6.6. E-mail Settings

Configure this section when e-mail notification of station operation is required.

When configuring this section, also configure "2.2. DNS" [▶ P.120](#).

#	Station Information				Function Settings					
	Identification				E-mail Settings					
	Number	Name	Location	Type	Server Settings			Authentication Settings		
SMTP Server					SMTP Port	SMTP Encryption	SMTP Authentication	Mode	ID	
001	001	Master Station1	GF	Master Station		25	OFF	OFF	LOGIN	
002	002	Master Station2	GF	Master Station		25	OFF	OFF	LOGIN	
003	003	Master Station3	GF	Master Station		25	OFF	OFF	LOGIN	
004	004	Master Station4	2F	Master Station		25	OFF	OFF	LOGIN	
005	005	Master Station5	2F	Master Station		25	OFF	OFF	LOGIN	

### 6.6.1. Server Settings

#### ■ SMTP Server

<b>Description</b>	Set the SMTP server. When choosing IPv4 address, enter IP address or the host name. When choosing IPv6 address, enter the host name.
<b>Settings</b>	1-255 alphanumeric characters
<b>Default values</b>	-

#### ■ SMTP Port ◆

<b>Description</b>	Enter the Port to be used for SMTP.
<b>Settings</b>	1-65535
<b>Default values</b>	25

#### ■ SMTP Encryption

<b>Description</b>	Enter the SMTP Encryption method.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• OFF</li> <li>• TLS</li> <li>• STARTTLS</li> </ul>
<b>Default values</b>	OFF

## 6.6.2. Authentication Settings

### ■ SMTP Authentication

<b>Description</b>	Enable SMTP authentication.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• OFF</li> <li>• ON</li> </ul>
<b>Default values</b>	OFF

### ■ Mode

<b>Description</b>	Select the SMTP authentication mode.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• LOGIN</li> <li>• CRAM-MD5</li> </ul>
<b>Default values</b>	LOGIN

### ■ ID

<b>Description</b>	Select the ID for SMTP authentication.
<b>Settings</b>	1-64 alphanumeric characters
<b>Default values</b>	-

### ■ Password

<b>Description</b>	Select the password for SMTP authentication.
<b>Settings</b>	1-64 alphanumeric characters
<b>Default values</b>	-

#### Point

■"Password" will be displayed as "\*\*\*\*\*" on the screen.

## 6.6.3. E-mail Addresses

#	Station Information				Function Settings					
	Identification				E-mail Settings					
	Number	Name	Location	Type	E-mail Addresses				E-mail Event Trigger	
					Destination 1	Destination 2	Destination 3	Source Address	Destination 1	
								Normal call	Priority call	
001	001	Master Station1	GF	Master Station					Disable	Disable
002	002	Master Station2	GF	Master Station					Disable	Disable
003	003	Master Station3	GF	Master Station					Disable	Disable
004	004	Master Station4	2F	Master Station					Disable	Disable
005	005	Master Station5	2F	Master Station					Disable	Disable

### ■ Destination 1

<b>Description</b>	Set the e-mail address.
<b>Settings</b>	1-64 alphanumeric characters
<b>Default values</b>	-

### ■ Destination 2

<b>Description</b>	Set the e-mail address.
<b>Settings</b>	1-64 alphanumeric characters
<b>Default values</b>	-

### ■ Destination 3

<b>Description</b>	Set the e-mail address.
<b>Settings</b>	1-64 alphanumeric characters
<b>Default values</b>	-

### ■ Source Address

<b>Description</b>	Set the source e-mail address.
<b>Settings</b>	1-64 alphanumeric characters
<b>Default values</b>	-

## 6.6.4. E-mail Event Trigger

Set the e-mail event trigger which initiates a message sending process. Configure the e-mail event trigger for each destination address.

#	Station Information				Function Settings				
	Identification				E-mail Settings				
	Number	Name	Location	Type	E-mail Event Trigger				
					Destination 1				
				Normal call	Priority call	Urgent call	Door Release Activated	Call Failed	
001	001	Master Station1	GF	Master Station	Disable	Disable	Disable	Disable	Disable
002	002	Master Station2	GF	Master Station	Disable	Disable	Disable	Disable	Disable
003	003	Master Station3	GF	Master Station	Disable	Disable	Disable	Disable	Disable
004	004	Master Station4	2F	Master Station	Disable	Disable	Disable	Disable	Disable
005	005	Master Station5	2F	Master Station	Disable	Disable	Disable	Disable	Disable

### ■ Normal call

<b>Description</b>	An e-mail message will be sent when a normal call is made.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Enable</li> <li>• Disable</li> </ul>
<b>Default values</b>	Disable

### ■ Priority call

<b>Description</b>	An e-mail message will be sent when a priority call is made.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Enable</li> <li>• Disable</li> </ul>
<b>Default values</b>	Disable

### ■ Urgent call

<b>Description</b>	An e-mail message will be sent when an urgent call is made.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Enable</li> <li>• Disable</li> </ul>
<b>Default values</b>	Disable

### ■ Door Release Activated (Master Station only)

<b>Description</b>	An e-mail message will be sent when the door is released.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Enable</li> <li>• Disable</li> </ul>
<b>Default values</b>	Disable

## ■ Call Failed

<b>Description</b>	An e-mail message will be sent when a call fails.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Enable</li> <li>• Disable</li> </ul>
<b>Default values</b>	Disable

## ■ Error Occurred

<b>Description</b>	An e-mail message will be sent when a data communication error occurs.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Enable</li> <li>• Disable</li> </ul>
<b>Default values</b>	Disable

## ■ Station Restart

<b>Description</b>	An e-mail message will be sent when the station is restarted.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Enable</li> <li>• Disable</li> </ul>
<b>Default values</b>	Disable

## ■ Periodic Log Transmission

<b>Description</b>	System log will be regularly sent via e-mail.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Enable</li> <li>• Disable</li> </ul>
<b>Default values</b>	Disable

## ■ Periodic Log Transmit Time

<b>Description</b>	Set when to send out the log via e-mail.
<b>Settings</b>	00:00-23:59
<b>Default values</b>	00:00

## ■ Periodic Log Transmit Interval

<b>Description</b>	Set how often the log will be sent via e-mail.
<b>Settings</b>	Every 1-7 days
<b>Default values</b>	1 day

## ■ Subject Text

<b>Description</b>	Set the subject text of e-mail message for each trigger.
<b>Settings</b>	1-64 alphanumeric characters
<b>Default values</b>	-

### Caution

**UTF-8 encoding is used for the "Subject Text." Depending on the e-mail client, the characters may appear incorrectly.**

## 6.6.5. Additional Settings (Video Door Station only)

#	Station Information				Function Settings			
	Identification				E-mail Settings			
	Number	Name	Location	Type	E-mail Event Trigger		Additional Settings	
					Subject Text	Station Restart	Periodic Log Transmission	Attach Image
001	001	Master Station1	GF	Master Station				
002	002	Master Station2	GF	Master Station				
003	003	Master Station3	GF	Master Station				
004	004	Master Station4	2F	Master Station				
005	005	Master Station5	2F	Master Station				

### ■ Attach Image

<b>Description</b>	Choose to attach an image file captured with Video Door Station camera to the e-mail message when a Normal/Priority/Urgent call triggers "6.6.4. E-mail Event Trigger" > <a href="#">P.181</a> .
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Enable</li> <li>• Disable</li> </ul>
<b>Default values</b>	Disable

### ■ Attachment Image Filename

<b>Description</b>	Set the name of the image file when "■Attach Image" is enabled.
<b>Settings</b>	1-64 alphanumeric characters
<b>Default values</b>	-

### Caution

UTF-8 encoding is used for the "■Attachment Image Filename." Depending on the e-mail client, the characters may appear incorrectly.



## 6.7. CGI Integration

CGI integration allows 3rd party hardware / software to control basic functionality of the IX devices.

For the details of CGI functionality, contact the local Aiphone representative.

#	Station Information				Function Settings
	Identification				CGI Integration
	Number	Name	Location	Type	CGI Functionality
001	001	Master Station1	GF	Master Station	Disable
002	002	Master Station2	GF	Master Station	Disable
003	003	Master Station3	GF	Master Station	Disable
004	004	Master Station4	2F	Master Station	Disable
005	005	Master Station5	2F	Master Station	Disable

### ■ CGI Functionality

<b>Description</b>	Enable CGI functionality.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Enable</li> <li>• Disable</li> </ul>
<b>Default values</b>	Disable

## 6.8. SIF Integration

SIF protocol allows event data to be sent directly to 3rd party hardware / software.

For the details of SIF functionality, contact the local Aiphone representative.

When clicking "SIF Integration" in the title of settings menu, the "Settings (Station View)" window will be shown. Start from the Settings (Station View). Refer to "6.8. SIF Integration" ► [P.267](#) for the Settings (Station View).

## 7. Transfer Settings

### 7.1. Absent Transfer Settings (Master Station only)

Configure the settings for absent transfer.

Absent transfer: A call can be automatically transferred to another station when absent.

#	Station Information				Transfer Settings		
	Identification				Absent Transfer Settings		Station List
	Number	Name	Location	Type	Absent Transfer	Number	
001	001	Master Station1	GF	Master Station	Disable		<input type="button" value="Open"/>
002	002	Master Station2	GF	Master Station	Disable		<input type="button" value="Open"/>
003	003	Master Station3	GF	Master Station	Disable		<input type="button" value="Open"/>
004	004	Master Station4	2F	Master Station	Disable		<input type="button" value="Open"/>
005	005	Master Station5	2F	Master Station	Disable		<input type="button" value="Open"/>

#### ■ Absent Transfer

<b>Description</b>	Enable absent transfer feature. If "■ Transfer Destination," is not set, this feature cannot be enabled.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Disable</li> <li>• Enable</li> </ul>
<b>Default values</b>	Disable

#### ■ Transfer Destination

<b>Description</b>	Set the transfer destination. Enter the station number, or click <input type="button" value="Open"/> to choose one.
<b>Settings</b>	3-5 digits
<b>Default values</b>	-

## 7.2. Delay Transfer Settings (Master Station only)

Configure the settings for delay transfer.

Delay transfer: A call can be automatically transferred to another station after a certain period of time (delay time) elapses.

#	Station Information				Transfer Settings			
	Identification				Delay Transfer Settings			
	Number	Name	Location	Type	Delay Transfer	Delay Time [sec]	Transfer Destination	
						Number	Station List	
001	001	Master Station1	GF	Master Station	Disable	30		<input type="button" value="Open"/>
002	002	Master Station2	GF	Master Station	Disable	30		<input type="button" value="Open"/>
003	003	Master Station3	GF	Master Station	Disable	30		<input type="button" value="Open"/>
004	004	Master Station4	2F	Master Station	Disable	30		<input type="button" value="Open"/>
005	005	Master Station5	2F	Master Station	Disable	30		<input type="button" value="Open"/>

### ■ Delay Transfer

<b>Description</b>	Enable delay transfer feature. If "■Transfer Destination," is not set, this feature cannot be enabled.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Disable</li> <li>• Enable</li> </ul>
<b>Default values</b>	Disable

### ■ Delay Time [sec] ◆

<b>Description</b>	Set the delay time for transferring a call when delay transfer is enabled.
<b>Settings</b>	1-300 sec (by 1 sec)
<b>Default values</b>	30 sec

### ■ Transfer Destination

<b>Description</b>	Set the destination station (station number) for a delayed transfer. Enter the station number, or click <input type="button" value="Open"/> to choose one.
<b>Settings</b>	3-5 digits
<b>Default values</b>	-

## 7.3. Transfer Schedule Settings (Master Station only)

Configure the settings for transfer schedule.

Transfer schedule: A call can be automatically transferred to another station when a call comes in during the time period set up in the weekly schedule.

#	Station Information				Transfer Settings				
	Identification				Transfer Schedule Settings				
	Number	Name	Location	Type	Transfer Schedule	Transfer Destination		Weekly Schedule	
						Number	Station List	Start Time	End Time
001	001	Master Station1	GF	Master Station	Disable		<input type="button" value="Open"/>		
002	002	Master Station2	GF	Master Station	Disable		<input type="button" value="Open"/>		
003	003	Master Station3	GF	Master Station	Disable		<input type="button" value="Open"/>		
004	004	Master Station4	2F	Master Station	Disable		<input type="button" value="Open"/>		
005	005	Master Station5	2F	Master Station	Disable		<input type="button" value="Open"/>		

### ■ Transfer Schedule

<b>Description</b>	Enable transfer schedule feature. If "■ Transfer Destination," is not set, this feature cannot be enabled.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Disable</li> <li>• Enable</li> </ul>
<b>Default values</b>	Disable

### ■ Transfer Destination

<b>Description</b>	Set the destination station (station number) for a scheduled transfer. Enter the station number, or click <input type="button" value="Open"/> to choose one.
<b>Settings</b>	3-5 digits
<b>Default values</b>	-

### 7.3.1. Weekly Schedule

#	Station Information				Transfer Settings									
	Identification				Transfer Schedule Settings									
	Number	Name	Location	Type	Weekly Schedule									
					Sunday		Monday		Tuesday					
Start Time	End Time	Start Time	End Time	Start Time	End Time	Start Time	End Time							
001	001	Master Station1	GF	Master Station										
002	002	Master Station2	GF	Master Station										
003	003	Master Station3	GF	Master Station										
004	004	Master Station4	2F	Master Station										
005	005	Master Station5	2F	Master Station										

■ From Sunday through Saturday

<b>Description</b>	Set the schedule for transfer schedule feature. A call is transferred when placed during this time.
<b>Settings</b>	Each day of the week 00:00-23:59 * Depending on the time is chosen, the time period may cover two days of the week. Example:Monday 22:00-8:00 This means the transferring is enabled for the time period between 22:00 Monday and 8:00 Tuesday.
<b>Default values</b>	-

## 8. Station Hardware Settings

### 8.1. Speed Dial Button Settings (Master Station only)

Configure the settings for Speed Dial buttons of Master Station.

#	Station Information				Station Hardware Settings				
	Identification				Speed Dial Button Settings				
	Number	Name	Location	Type	Mode Selection	Group Number	Group List	Station Number	Station List
001	001	Master Station1	GF	Master Station			<input type="button" value="Open"/>		<input type="button" value="Open"/>
002	002	Master Station2	GF	Master Station			<input type="button" value="Open"/>		<input type="button" value="Open"/>
003	003	Master Station3	GF	Master Station			<input type="button" value="Open"/>		<input type="button" value="Open"/>
004	004	Master Station4	2F	Master Station			<input type="button" value="Open"/>		<input type="button" value="Open"/>
005	005	Master Station5	2F	Master Station			<input type="button" value="Open"/>		<input type="button" value="Open"/>

#### 8.1.1. Buttons #1 - #6

##### ■ Mode Selection

<b>Description</b>	Select the calling mode to be assigned to each Speed Dial button.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Blank: Not used</li> <li>• Group call</li> <li>• Individual Call</li> <li>• Group page</li> <li>• All Page</li> </ul>
<b>Default values</b>	Blank

##### ■ Group Number

<b>Description</b>	When selecting "Group call" or "Group page" in "■Mode Selection," a group number must be set. Enter the group number, or click <input type="button" value="Open"/> to choose one.
<b>Settings</b>	01-99
<b>Default values</b>	-

##### ■ Station Number

<b>Description</b>	When selecting "Individual Call" in "■Mode Selection," a station number must be set. Enter the station number, or click <input type="button" value="Open"/> to choose one.
<b>Settings</b>	3-5 digits
<b>Default values</b>	-

##### ■ Priority

<b>Description</b>	Select the Priority to be assigned to each Speed Dial button.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Normal</li> <li>• Priority (When selecting "Group page" or "All Page" in "■Mode Selection," this option cannot be selected.)</li> <li>• Urgent</li> </ul>
<b>Default values</b>	-

## 8.2. Privacy Setting (Master Station only)

Configure the settings for privacy.

Privacy: This feature prevents outgoing audio from being heard when automatic answering feature is enabled.

#	Station Information				Station Hardware Settings	
	Identification				Privacy Setting	
	Number	Name	Location	Type	Privacy	
001	001	Master Station1	GF	Master Station	Disable	
002	002	Master Station2	GF	Master Station	Disable	
003	003	Master Station3	GF	Master Station	Disable	
004	004	Master Station4	2F	Master Station	Disable	
005	005	Master Station5	2F	Master Station	Disable	

### ■ Privacy

<b>Description</b>	Enable privacy.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Enable</li> <li>• Disable</li> </ul>
<b>Default values</b>	Disable

## 8.3. Volume Settings

Configure the settings for Volume.

#	Station Information				Station Hardware Settings			
	Identification				Volume Settings			
	Number	Name	Location	Type	Handset Transmit Volume	Handset Receive Volume	Hands-free Transmit Volume	Hands-free
001	001	Master Station1	GF	Master Station	10	6	10	
002	002	Master Station2	GF	Master Station	10	6	10	
003	003	Master Station3	GF	Master Station	10	6	10	
004	004	Master Station4	2F	Master Station	10	6	10	
005	005	Master Station5	2F	Master Station	10	6	10	

### 8.3.1. Volume Settings

#### ■ Handset Transmit Volume (Master Station only)

<b>Description</b>	Set the transmit volume of the handset for communication or paging.
<b>Settings</b>	1 (Low) - 10 (High)
<b>Default values</b>	10

#### ■ Handset Receive Volume (Master Station only)

<b>Description</b>	Set the receive volume of the handset for communication.
<b>Settings</b>	1 (Low) - 10 (High)
<b>Default values</b>	6

## ■ Hands-free Transmit Volume (Master Station only)

<b>Description</b>	Set the hands-free transmit volume for communication or paging.
<b>Settings</b>	1 (Low) - 10 (High)
<b>Default values</b>	10

## ■ Hands-free Receive Volume (Master Station only)

<b>Description</b>	Set the hands-free receive volume for communication or paging. The volume for ringback tone will be changed as well.
<b>Settings</b>	1 (Low) - 10 (High)
<b>Default values</b>	6

## ■ Transmit Volume (Door Station only)

<b>Description</b>	Set the audio volume for communication or monitoring.
<b>Settings</b>	1 (Low) - 10 (High)
<b>Default values</b>	10

## ■ Receive Volume (Door Station only)

<b>Description</b>	Set the receive volume for communication or paging. The volume for ringback tone will be changed as well.
<b>Settings</b>	1 (Low) - 10 (High)
<b>Default values</b>	10

## ■ Ringtone Volume

<b>Description</b>	Set the ringtone and pretone volume.
<b>Settings</b>	0 (Off), 1 (Low) - 10 (High)
<b>Default values</b>	Master Station: 6; Door Station: 10

## ■ Button Feedback Tone (Master Station only)

<b>Description</b>	Enable tone when a button is pressed.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Enable</li> <li>• Disable</li> </ul>
<b>Default values</b>	Disable



## 8.4. Communication Settings

Configure the settings for a call.

#	Station Information				Station Hardware Settings		
	Identification				Communication Settings		
	Number	Name	Location	Type	Talk Timeout [sec]		Force Push-to-talk
				Range	30-600 sec		
001	001	Master Station1	GF	Master Station			60 Disable
002	002	Master Station2	GF	Master Station			60 Disable
003	003	Master Station3	GF	Master Station			60 Disable
004	004	Master Station4	2F	Master Station			60 Disable
005	005	Master Station5	2F	Master Station			60 Disable

### ■ Talk Timeout [sec] ◆

<b>Description</b>	Set the talk timeout.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Infinite (Door Station only): Communication continues until the communication is terminated.</li> <li>• 30-600 sec (by 1 sec)</li> </ul>
<b>Default values</b>	60

### ■ Force Push-to-talk (Master Station only)

<b>Description</b>	Enable the Force Push-to-talk feature.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Enable</li> <li>• Disable</li> </ul>
<b>Default values</b>	Disable

## 8.5. Monitor Setting (Master Station only)

Configure the settings for the monitor function.

Monitor function: Monitor video and audio of Door Stations, and a network camera from Master Station.

#	Station Information				Station Hardware Settings	
	Identification				Monitor Setting	
	Number	Name	Location	Type	Monitor Timeout [sec]	
001	001	Master Station1	GF	Master Station	60	
002	002	Master Station2	GF	Master Station	60	
003	003	Master Station3	GF	Master Station	60	
004	004	Master Station4	2F	Master Station	60	
005	005	Master Station5	2F	Master Station	60	

### ■ Monitor Timeout [sec] ◆

<b>Description</b>	Set the monitor timeout.
<b>Settings</b>	10-600 sec (by 1 sec)
<b>Default values</b>	60

## 8.6. Master Station Display Settings (Master Station only)

Configure the settings for Master Station display.

#	Station Information				Station Hardware Settings		
	Identification				Master Station Display Settings		
	Number	Name	Location	Type	Brightness	Time Format	Standby LED State
001	001	Master Station1	GF	Master Station	6	mm/dd/yyyy (12h)	ON
002	002	Master Station2	GF	Master Station	6	mm/dd/yyyy (12h)	ON
003	003	Master Station3	GF	Master Station	6	mm/dd/yyyy (12h)	ON
004	004	Master Station4	2F	Master Station	6	mm/dd/yyyy (12h)	ON
005	005	Master Station5	2F	Master Station	6	mm/dd/yyyy (12h)	ON

### ■ Brightness

<b>Description</b>	Set the brightness of the monitor.
<b>Settings</b>	1 (Dark) - 10 (Bright)
<b>Default values</b>	6

### ■ Time Format

<b>Description</b>	Select the time format for the display on the station.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• mm/dd/yyyy (12h)</li> <li>• mm/dd/yyyy (24h)</li> <li>• dd/mm/yyyy (12h)</li> <li>• dd/mm/yyyy (24h)</li> <li>• yyyy/mm/dd (12h)</li> <li>• yyyy/mm/dd (24h)</li> </ul>
<b>Default values</b>	mm/dd/yyyy (12h)

### ■ Standby LED State

<b>Description</b>	Set to keep the Status indicator on while the station is in standby.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• ON</li> <li>• OFF</li> </ul>
<b>Default values</b>	ON

## 8.7. Camera settings (Video Door Station only)

Configure the settings for Video Door Station camera.

#	Station Information				Station Hardware Settings			
	Identification				Camera Settings			
	Number	Name	Location	Type	Environmental Settings		Color Settings	
					Backlight Compensation Adjustment	Low Light Sensitivity Adjustment	Brightness	Contrast
001	001	Master Station1	GF	Master Station				
002	002	Master Station2	GF	Master Station				
003	003	Master Station3	GF	Master Station				
004	004	Master Station4	2F	Master Station				
005	005	Master Station5	2F	Master Station				

### 8.7.1. Environmental Settings

#### ■ Backlight Compensation Adjustment

<b>Description</b>	Enable the backlight compensation adjustment. When "ADJUST" button of Master Station is pressed during a call or monitoring, the setting will be changed.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Enable</li> <li>• Disable</li> </ul>
<b>Default values</b>	Disable

#### ■ Low Light Sensitivity Adjustment

<b>Description</b>	Enable the automatic low light sensitivity adjustment function when the ambient lighting is dark. When "ADJUST" button of Master Station is pressed during a call or monitoring, the setting will be changed.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Enable</li> <li>• Disable</li> </ul>
<b>Default values</b>	Disable

## 8.7.2. Color Settings

### Caution

If these settings are changed while video is displayed, the changes will not be reflected until the video is accessed again.

#### ■ Brightness ◆

<b>Description</b>	Set the brightness of the picture.
<b>Settings</b>	1 (Dark) to 100 (Bright)
<b>Default values</b>	50

#### ■ Contrast ◆

<b>Description</b>	Set the contrast of the picture.
<b>Settings</b>	1 (Weak) to 100 (Strong)
<b>Default values</b>	50

#### ■ Color ◆

<b>Description</b>	Set the color of the picture.
<b>Settings</b>	1 (Weak) to 100 (Strong)
<b>Default values</b>	50

## 8.7.3. LED Illumination Control

#### ■ During Call / Communication

<b>Description</b>	Activate LED illumination during communication when the ambient lighting is dark.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Enable</li> <li>• Disable</li> </ul>
<b>Default values</b>	Enable

#### ■ While Monitored

<b>Description</b>	Activate LED illumination while being monitored when the ambient lighting is dark.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Enable</li> <li>• Disable</li> </ul>
<b>Default values</b>	Disable

## 9. Maintenance

### 9.1. Firmware Update

Access our Web site "<http://www.aiphone.net/>" to download the latest version of the firmware. For how to download, refer to our Web site.

**Update Firmware**

Select Firmware files:

Master Station

Video Door Station   1)

Audio Only Door Station

Select Station(s) to update:

Select	Number	Name	Location	Type	Status
<input type="checkbox"/>	001	Master Station1	GF	Master Station	-
<input type="checkbox"/>	002	Master Station2	GF	Master Station	-
<input type="checkbox"/>	003	Master Station3	GF	Master Station	-
<input type="checkbox"/>	004	Master Station4	2F	Master Station	-
<input type="checkbox"/>	005	Master Station5	2F	Master Station	-
<input type="checkbox"/>	006	Master Station6	2F	Master Station	-
<input type="checkbox"/>	007	Master Station7		Master Station	-
<input type="checkbox"/>	008	Master Station8		Master Station	-
<input type="checkbox"/>	009	Master Station9		Master Station	-
<input type="checkbox"/>	010	Master Station10		Master Station	-
<input type="checkbox"/>	011	Video Station1		Video Door Station	-

2)

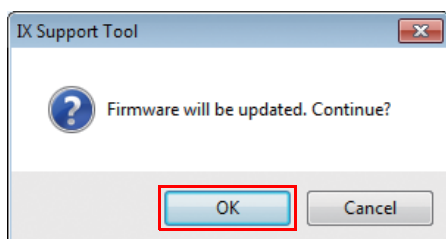
Select station(s) by type:

All

3)

#### How to update the firmware

- 1) Click  and select the firmware file to be downloaded for each station.
- 2) Check the station whose firmware is to be updated.
  - To select or unselect the stations in a batch, choose the station type for a batch selection and click  or .
- 3) Click .
  - The firmware update may take approximately ten minutes per station.
- 4) Click .



## 9.2. Initialization

When initializing the station, all settings go back to the default values, and the system log and incoming/outgoing call history are erased.

Stations are also deleted from the settings in IX Support Tool.

To initialize a station, start from "9.2. Initialization" ► [P.283](#) in the Settings (Station View).

## 9.3. Settings File Management

This feature downloads the setting data from a station and stores it at another location.

**Setting File Download**

Select the station(s) to download the Setting File(s):

Station List						
Select	Number	Name	Location	Type	Status	
<input type="checkbox"/>	001	Master Station1	GF	Master Station	-	
<input type="checkbox"/>	002	Master Station2	GF	Master Station	-	
<input type="checkbox"/>	003	Master Station3	GF	Master Station	-	
<input type="checkbox"/>	004	Master Station4	2F	Master Station	-	
<input type="checkbox"/>	005	Master Station5	2F	Master Station	-	
<input type="checkbox"/>	006	Master Station6	2F	Master Station	-	
<input type="checkbox"/>	007	Master Station7		Master Station	-	
<input type="checkbox"/>	008	Master Station8		Master Station	-	
<input type="checkbox"/>	009	Master Station9		Master Station	-	
<input type="checkbox"/>	010	Master Station10		Master Station	-	
<input type="checkbox"/>	011	Video Station1		Video Door Station	-	
<input type="checkbox"/>	012	Video Station2		Video Door Station	-	
<input type="checkbox"/>	013	Video Station3		Video Door Station	-	

1)  008 Master Station8

Select station(s) by type:

All

2)

### How to store the Settings File

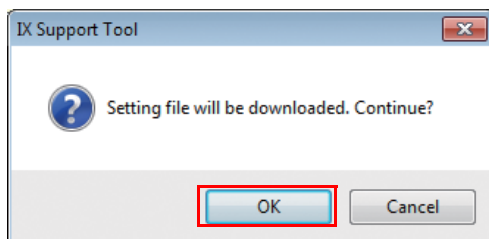
1) Check the station whose settings are to be stored.

- To select or unselect the stations in a batch, choose the station type for a batch selection and click  or .

2) Click .

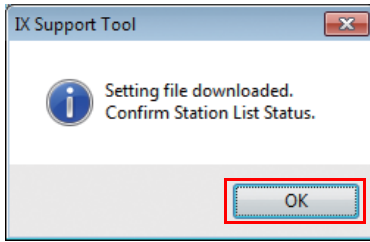
3) Click .

- When clicking , the screen goes back to "Setting File Download."



4) Click .

- The downloaded files are stored at "SupportTool" > "SystemData" > "(System name chosen)" > "Setting\_ForUser" as "Config-(Station Number)-(yyyy.mm.dd.hh.mm.ss).txt" for each station.



# System settings (Settings (Station View))

## Important

- Depending on the language for the display on the Master Station, the content of the settings item may appear incorrectly.
- The symbols indicate the following:
  - ◆: Indicates a required field. A value should be entered. Retain the default settings, unless a change is necessary.
  - ♣: The content of the settings item can be copied to other stations. For how to copy, refer to "4.3. Copy Settings (Settings (Station View))" ► [P.64](#).



# 1. Station Information

## 1.1. Identification

Set the number, name, and location of each station.

◆ Required Settings

◆ Identification

Number: ◆  3-5 digits

Name:  1-24 alphanumeric characters

Name (furigana):  1-24 alphanumeric characters

Location:  1-24 alphanumeric characters

### ■ Number ◆

<b>Description</b>	Enter the station number. Give each station a unique number. The station number set will be shown to the recipient when a call is originated or when the station is paged.
<b>Settings</b>	3-5 digits
<b>Default values</b>	A serial number is automatically assigned.

### ■ Name

<b>Description</b>	Enter the station name. The station name set will be shown to the recipient when a call is originated or when the station is paged.
<b>Settings</b>	1-24 alphanumeric characters
<b>Default values</b>	Master Station: Master Station (number), Video Door Station: Video Station (number) Audio Only Door Station: Audio Station (number)
<b>Remarks</b>	When updated with no entry, the station numbers are automatically copied in this field.

### ■ Location

<b>Description</b>	Select the location where the station is installed. The location set will be shown to the recipient when a call is originated or when the station is paged. The location is used to search a station by the location.
<b>Settings</b>	Select one from the location registered in "1.1.2. Location Registry" > <a href="#">P.111</a> .
<b>Default values</b>	-

#### Point

Name (furigana) is only accessible when using Japanese or Chinese language.

## 1.2. ID and Password

Set the ID and password for logging in via a Web browser (WEB Settings Access) to configure a station.

●ID and Password

Administrator ID:  1-32 alphanumeric characters

Administrator Password:  1-32 alphanumeric characters

User ID:  1-32 alphanumeric characters

User Password:  1-32 alphanumeric characters

### ■ Administrator ID

<b>Description</b>	Set the ID of the administrator account for accessing via a Web browser (WEB Settings Access) to configure a station.
<b>Settings</b>	1-32 alphanumeric characters
<b>Default values</b>	admin

### ■ Administrator Password

<b>Description</b>	Set the password of the administrator account for accessing via a Web browser (WEB Settings Access) to configure a station.
<b>Settings</b>	1-32 alphanumeric characters
<b>Default values</b>	admin

### ■ User ID

<b>Description</b>	Set the ID of a user account for accessing via a Web browser (WEB Settings Access) to configure a station.
<b>Settings</b>	1-32 alphanumeric characters
<b>Default values</b>	user

### ■ User Password

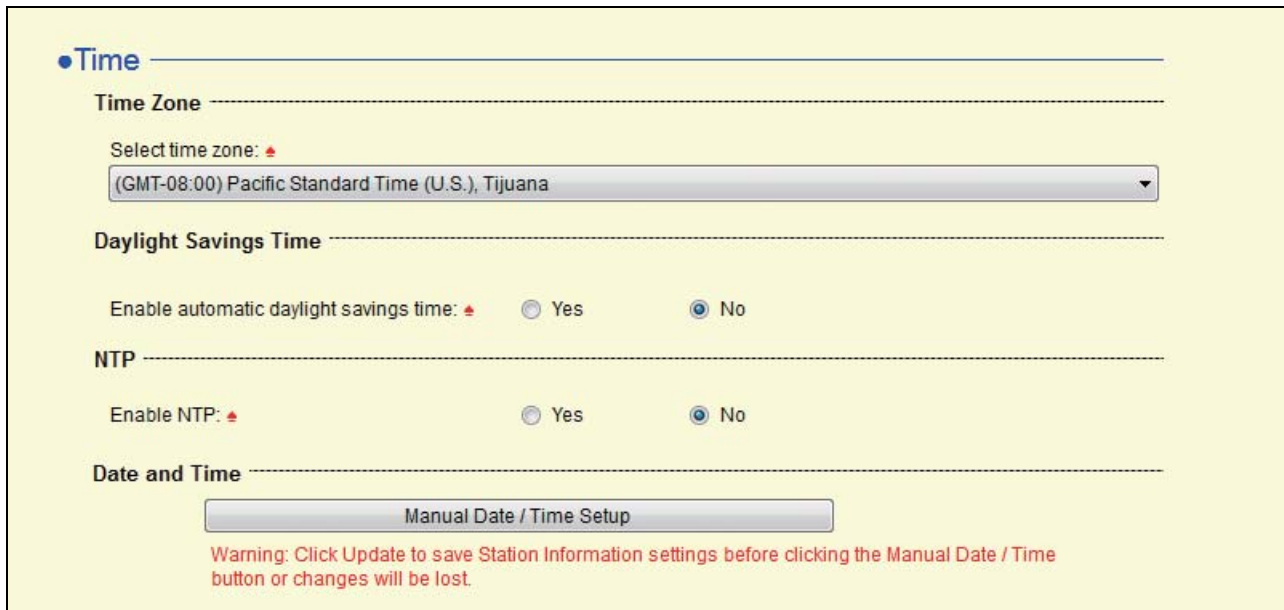
<b>Description</b>	Set the password of a user account for accessing via a Web browser (WEB Settings Access) to configure a station.
<b>Settings</b>	1-32 alphanumeric characters
<b>Default values</b>	user

#### Point

- "■Administrator ID" and "■User ID" cannot be identical.
- "■Administrator Password" and "■User Password" are displayed as "\*\*\*\*\*" on the screen.

## 1.3. Time

Set the date and time for each station.



### 1.3.1. Time Zone

#### ■ Select time zone <sup>♣</sup>

<b>Description</b>	Select the time zone to be used.
<b>Settings</b>	Select from 99 regions
<b>Default values</b>	(GMT-08:00)Pacific Standard Time (U.S.), Tijuana

### 1.3.2. Daylight Savings Time

#### ■ Enable automatic daylight savings time <sup>♣</sup>

<b>Description</b>	Adjust the daylight saving time automatically to fit the region selected in "■Select time zone."
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>
<b>Default values</b>	No

### 1.3.3. NTP

#### ■ Enable NTP <sup>♣</sup>

<b>Description</b>	Enable NTP server to retrieve the time. If selecting "Yes," configure "2.8. NTP" <a href="#">▶ P.220</a> .
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>
<b>Default values</b>	No

### 1.3.4. Manual Date / Time Setup

Enter the time for each station. Time is used for incoming calls, outgoing calls, and the system log.

#### Caution

**Time is set using "Association Settings." The time cannot be set unless the station is connected to the network to which the PC is connected. Each station must be associated before the time can be set to it.**

Click  , the "Manual Date / Time Setup" window will be shown.

#### How to configure the date and time

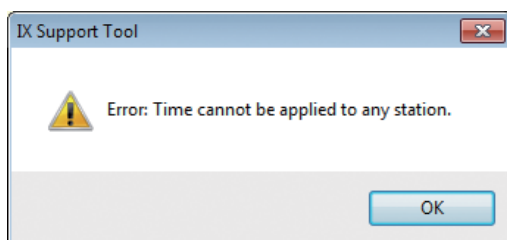
1) Select "Year," "Month," "Day," "Hour," "Minute," and "Second."

Or click  to synchronize with PC.

2) Click .

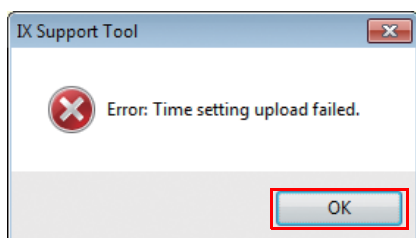
- If it is not set using "Association Settings," or if the station is not connected to the PC, the following screen will be shown.

Click  to use "Association Settings."

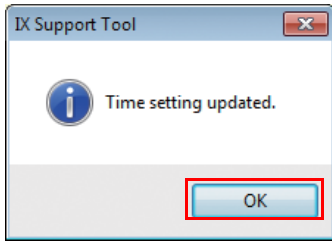


- If the station is not connected to the PC, the following screen will be shown.

Click , and connect the PC to the network to which the station is connected.



3) Click .



## 2. Network Settings

### 2.1. IP Address

Configure the IP address, subnet mask, and default gateway for each station.

● IP Address
◆ Required Settings

IP addressing method: ▲

IPv4 Static ▼  
 IPv6 Static ▼

---

**IPv4 Address**

IP Address: ◆  .  .  .  1.0.0.0-223.255.255.255

Subnet Mask: ◆◆  .  .  .  128.0.0.0-255.255.255.255

Default Gateway: ▲  .  .  .  1.0.0.0-223.255.255.255

---

**IPv6 Address**

IP Address: ◆  2000::0-3FFF:FFFF:FFFF:FFFF:FFFF:FFFF:FFFF:FFFF or FD00::0-FDFF:FFFF:FFFF:FFFF:FFFF:FFFF:FFFF:FFFF

Default Gateway: ▲  ::FF:0-FE9F:FFFF:FFFF:FFFF:FFFF:FFFF:FFFF:FFFF

#### ■ IP addressing method ▲

<b>Description</b>	Select the addressing method for the IP version selected.
<b>Settings</b>	When selecting IPv4: <ul style="list-style-type: none"> <li>• Static</li> <li>• DHCP</li> </ul> When selecting IPv6: <ul style="list-style-type: none"> <li>• Static</li> <li>• Stateless</li> <li>• DHCPv6</li> </ul>
<b>Default values</b>	IPv4 <ul style="list-style-type: none"> <li>• Static</li> </ul>

**Caution**

- **IPv4 and IPv6 cannot be mixed in the same system.**
- **When selecting "DHCP" for IPv4, configure the system so that the DHCP server assigns a Static IP Address to each station.**
- **When selecting "Stateless" for IPv6, do not change the prefix of the device so that it can transmit RA.**
- **When selecting "DHCPv6" for IPv6, configure the system so that the DHCP server assigns a Static IP Address to each station. DUID of the station is "00030001 + MAC address."**
- **When setting up a product from another manufacturer, such as a DHCP server, refer to its manual.**

## 2.1.1. IPv4 Address

### ■ IP Address ◆

<b>Description</b>	Set the IP address of the station. Do not duplicate IP addresses.
<b>Settings</b>	1.0.0.0-223.255.255.255
<b>Default values</b>	-

### ■ Subnet Mask ◆♠

<b>Description</b>	Set the subnet mask for the station.
<b>Settings</b>	128.0.0.0-255.255.255.255
<b>Default values</b>	-

### ■ Default Gateway ♠

<b>Description</b>	Set the default gateway of the network to which the station belongs.
<b>Settings</b>	1.0.0.0-223.255.255.255
<b>Default values</b>	-

## 2.1.2. IPv6 Address

### ■ IP Address ◆

<b>Description</b>	Set the IP address of the station. Do not duplicate IP addresses.
<b>Settings</b>	2000::0-3FFF:FFFF:FFFF:FFFF:FFFF:FFFF:FFFF:FFFF or FD00::0-FDFF:FFFF:FFFF:FFFF:FFFF:FFFF:FFFF:FFFF
<b>Default values</b>	-

### ■ Default Gateway ♠

<b>Description</b>	Set the default gateway of the network to which the station belongs.
<b>Settings</b>	::FF:0-FEFF:FFFF:FFFF:FFFF:FFFF:FFFF:FFFF
<b>Default values</b>	-



## 2.2. DNS

When setting the NTP server with its host name in "2.8. NTP" ➤ [P.220](#), or when configuring "6.6. E-mail Settings" ➤ [P.261](#) to use the e-mail function, set the DNS server to perform name resolution.

### ■ Primary Server ♠

<b>Description</b>	Set the IP address of the primary DNS server.
<b>Settings</b>	[IPv4]: 1.0.0.0-223.255.255.255 [IPv6]: ::FF:0-FE:FF:FFFF:FFFF:FFFF:FFFF:FFFF:FFFF
<b>Default values</b>	-

### ■ Secondary Server ♠

<b>Description</b>	Set the IP address of the secondary DNS server.
<b>Settings</b>	[IPv4]: 1.0.0.0-223.255.255.255 [IPv6]: ::FF:0-FE:FF:FFFF:FFFF:FFFF:FFFF:FFFF:FFFF
<b>Default values</b>	-

## 2.3. SIP

### 2.3.1. Connection

#### ■ SIP Signaling Port ♠♠

<b>Description</b>	Set the port for SIP communication. Set the same port number for the stations which communicate with each other.
<b>Settings</b>	1-65535
<b>Default values</b>	5060

## 2.3.2. Miscellaneous

### ■ Call health check timer [sec] ♦♠

<b>Description</b>	When a communication error occurs during a call or while monitoring, the connection is disconnected after the specified time elapses.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Do not transmit re-INVITE: A communication error should not be detected.</li> <li>• 80-3600 sec (by 1 sec)</li> </ul>
<b>Default values</b>	80-3600 sec, 90 sec

## 2.4. Multicast Address

Set when configuring to use multicast in "3.3. Group (Master Station only)" ► [P.229](#), "5.5. All Page" ► [P.245](#) (for Master Station), or "5.2.1. Call Button Assignment" ► [P.239](#) (for Video Door Station).

### For Master Station

● **Multicast Address**

For Paging:      [IPv4]  .  .  .       224.0.0.0-239.255.255.255

                         [IPv6]       FF10::0-FF1F:FFFF:FFFF:FFFF:FFFF:FFFF:FFFF:FFFF

### For Video Door Station

● **Multicast Address**

For Call:      [IPv4]  .  .  .       224.0.0.0-239.255.255.255

                         [IPv6]       FF10::0-FF1F:FFFF:FFFF:FFFF:FFFF:FFFF:FFFF:FFFF

### ■ For Paging (for Master Station), for Call (for Video Door Station)

<b>Description</b>	Set the multicast address for all page, group page (for Master Station), or group call (for Video Door Station) through multicast. Set a unique multicast address for each station.
<b>Settings</b>	[IPv4]: 224.0.0.0-239.255.255.255 [IPv6]: FF10::0-FF1F:FFFF:FFFF:FFFF:FFFF:FFFF:FFFF:FFFF
<b>Default values</b>	-

## 2.5. Video

**Video**

Items marked [H.264 / AVC] or [Motion-JPEG] apply only to their respective Coding System.

The 'Video Encoder 1' RTP End Port should be greater than 90 digits from the RTP Start Port.  
The 'Video Encoder 2' RTP End Port should be greater than 10 digits from the RTP Start Port.

---

**Video Encoder 1**

Coding System:

Resolution:

Frame Rate [fps]:

Select Profile [H.264 / AVC]:

I-picture interval [H.264 / AVC]:  1-100

Bit rate [kbps] [H.264 / AVC]:

Select Quality [Motion-JPEG]:

RTP Start Port:  1-65534

RTP End Port:  1-65535

---

**Video Encoder 2**

Second Video Encoder:  Enable  Disable

Coding System:

Resolution:

Frame Rate [fps]:

Select Profile [H.264 / AVC]:

I-picture interval [H.264 / AVC]:  1-100

Bit rate [kbps] [H.264 / AVC]:

Select Quality [Motion-JPEG]:

RTP Start Port:  1-65534

RTP End Port:  1-65535

### 2.5.1. Video Encoder 1

Configure video settings for a call between IX system stations.

#### ■ Coding System ♣ (Video Door Station only)

<b>Description</b>	Select the coding system for the video.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• H.264 / AVC</li> <li>• Motion-JPEG</li> </ul>
<b>Default values</b>	H.264 / AVC

#### ■ Resolution ♣ (Video Door Station only)

<b>Description</b>	Select the resolution for the video.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• 320x240 (QVGA)</li> <li>• 640x480 (VGA)</li> </ul>
<b>Default values</b>	320x240 (QVGA)

### ■ Frame Rate [fps] ▲ (Video Door Station only)

<b>Description</b>	Select the frame rate.
<b>Settings</b>	1, 3, 5, 7.5, 10, 15, 20, 30 fps
<b>Default values</b>	15 fps

### ■ Select Profile [H.264 / AVC] (Video Door Station only)

<b>Description</b>	Select the profile for H.264 / AVC.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Baseline</li> <li>• Main</li> <li>• High</li> </ul>
<b>Default values</b>	Main

### ■ I-picture interval [H.264 / AVC] ◆ (Video Door Station only)

<b>Description</b>	Set the interval for transmitting pictures with H.264 / AVC.
<b>Settings</b>	1-100
<b>Default values</b>	15

### ■ Bit rate [kbps] [H.264 / AVC] ▲ (Video Door Station only)

<b>Description</b>	Select the bit rate for H.264 / AVC.
<b>Settings</b>	64, 128, 256, 384, 512, 768, 1024, 2048 kbps
<b>Default values</b>	1024 kbps

### ■ Select Quality [Motion-JPEG] ▲ (Video Door Station only)

<b>Description</b>	Set the image quality of Motion-JPEG.
<b>Settings</b>	1 (Low) through 10 (High)
<b>Default values</b>	6

### ■ RTP Start Port ◆ (Master Station and Video Door Station only)

<b>Description</b>	Set the start port for the RTP communication range. The (RTP End Port) should be greater than 90 digits from the (RTP Start Port). If a smaller range is set, in some cases ports outside the range will still be used.
<b>Settings</b>	1-65534
<b>Default values</b>	30000

### ■ RTP End Port ◆ (Master Station and Video Door Station only)

<b>Description</b>	Set the end port for the RTP communication range. The (RTP End Port) should be greater than 90 digits from the (RTP Start Port). If a smaller range is set, in some cases ports outside the range will still be used.
<b>Settings</b>	1-65535
<b>Default values</b>	31000

## 2.5.2. Video Encoder 2

Set when transmitting video using ONVIF.

When viewing video of Video Door Station with other manufacturer's product, refer to "2.5.3. Viewing video from Door Station with 3rd party products (ONVIF)" [▶ P.215](#).

### Caution

These settings may be changed by ONVIF-compliant 3rd party products, if utilized. Refer to the manual of the 3rd party product to be used.

### ■ Second Video Encoder ♠ (Video Door Station only)

<b>Description</b>	Enable / Disable the dual stream function. Set to "Enable" when transmitting video through ONVIF.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Enable</li> <li>• Disable</li> </ul>
<b>Default values</b>	Enable

### ■ Coding System ♠ (Video Door Station only)

<b>Description</b>	Select the coding system for the video.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• H.264 / AVC</li> <li>• Motion-JPEG</li> </ul>
<b>Default values</b>	H.264 / AVC

### ■ Resolution ♠ (Video Door Station only)

<b>Description</b>	Select the resolution for the video.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• 320x240 (QVGA)</li> <li>• 640x480 (VGA)</li> </ul>
<b>Default values</b>	320x240 (QVGA)

### ■ Frame Rate [fps] ♠ (Video Door Station only)

<b>Description</b>	Select the frame rate.
<b>Settings</b>	1, 3, 5, 7.5, 10, 15, 20, 30 fps
<b>Default values</b>	15 fps

### ■ Select Profile [H.264 / AVC] (Video Door Station only)

<b>Description</b>	Select the profile for H.264 / AVC.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Baseline</li> <li>• Main</li> <li>• High</li> </ul>
<b>Default values</b>	Main

### ■ I-picture interval [H.264 / AVC] ◆ (Video Door Station only)

<b>Description</b>	Set the interval for transmitting pictures with H.264 / AVC.
<b>Settings</b>	1-100
<b>Default values</b>	15

### ■ Bit rate [kbps] [H.264 / AVC] ♠ (Video Door Station only)

<b>Description</b>	Select the bit rate for H.264 / AVC.
<b>Settings</b>	64, 128, 256, 384, 512, 768, 1024, 2048 kbps
<b>Default values</b>	1024 kbps

### ■ Select Quality [Motion-JPEG] ♠ (Video Door Station only)

<b>Description</b>	Set the image quality of Motion-JPEG.
<b>Settings</b>	1 (Low) through 10 (High)
<b>Default values</b>	6

### ■ RTP Start Port ◆ (Master Station and Video Door Station only)

<b>Description</b>	Set the start port for the RTP communication range. The (RTP End Port) should be greater than 10 digits from the (RTP Start Port). If a smaller range is set, in some cases ports outside the range will still be used.
<b>Settings</b>	1-65534
<b>Default values</b>	32000

### ■ RTP End Port ◆ (Master Station and Video Door Station only)

<b>Description</b>	Set the end port for the RTP communication range. The (RTP End Port) should be greater than 10 digits from the (RTP Start Port). If a smaller range is set, in some cases ports outside the range will still be used.
<b>Settings</b>	1-65535
<b>Default values</b>	33000

### 2.5.3. Viewing video from Door Station with 3rd party products (ONVIF)

Video Door Station supports the ONVIF interface standard "ONVIF profile S."

View video from Door Station camera with 3rd party product supporting the ONVIF specification.

(For products with confirmed interoperability, refer to our Web site

"<http://www.aiphone.net/>.")

#### Important

**Video from the Door Station camera cannot be viewed simultaneously by more than two products from other manufacturers.**

**Configuring the station so video can be viewed with a product by another manufacturer**

1) Select "Enable" for "■Second Video Encoder ♠ (Video Door Station only)" ➤ [P.213](#).

#### Caution

**Set "2.5.2. Video Encoder 2" ➤ [P.213](#) according to the specification of the product.**

2) Register Video Door Station on the product.

- Enter the authentication ID and password given below:  
Authentication ID: aiphone, Password: aiphone
- For how to register, refer to the instruction manual of the product to be registered.

## 2.6. Audio

Configure the settings for audio.

**Audio**

The Audio 1 RTP End Port should be greater than 210 digits from the RTP Start Port.  
The Audio 2 RTP End Port should be greater than 10 digits from the RTP Start Port.

Audio CODEC:  G.711 ( $\mu$ -law)  G.711 (A-law)

Audio RTP Transmission Interval [msec]: 20 This setting is ignored when transmitting to multiple stations (paging, etc.)

RTP Idle Detection Time [sec]: 10 10-180sec

Audio 1 RTP Start Port: 20000 1-65534

Audio 1 RTP End Port: 21000 1-65535

Audio 2 RTP Start Port: 22000 1-65534

Audio 2 RTP End Port: 23000 1-65535

---

**Audio Buffer**

Packets Buffered at Audio Start: 1

Maximum Packets Buffered: 3 Maximum Packet Buffer must be larger than Audio Start Buffer.

### ■ Audio CODEC ♠

<b>Description</b>	Select the audio CODEC.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• G.711 (<math>\mu</math>-law)</li> <li>• G.711 (A-law)</li> </ul>
<b>Default values</b>	G.711 ( $\mu$ -law)

### Caution

**Stations with different audio CODEC cannot call, monitor, or page each other.**

### ■ Audio RTP Transmission Interval [msec] ♠

<b>Description</b>	Select the transmission interval of RTP audio.
<b>Settings</b>	20, 40, 60, 80, 100 msec
<b>Default values</b>	20 msec

### ■ RTP Idle Detection Time [sec] ♦♠

<b>Description</b>	Set the detection time of the idle state of RTP audio. If RTP audio is not received within the specified time during a call or while monitoring or paging, it will be disconnected.
<b>Settings</b>	10-180 sec (by 1 sec)
<b>Default values</b>	10 sec



### ■ Audio 1 RTP Start Port ◆

<b>Description</b>	Set the start port for the Audio 1 RTP communication range. The (RTP End Port) should be greater than 210 digits from the (RTP Start Port). If a smaller range is set, in some cases ports outside the range will still be used.
<b>Settings</b>	1-65534
<b>Default values</b>	20000

### ■ Audio 1 RTP End Port ◆

<b>Description</b>	Set the end port for the Audio 1 RTP communication range. The (RTP End Port) should be greater than 210 digits from the (RTP Start Port). If a smaller range is set, in some cases ports outside the range will still be used.
<b>Settings</b>	1-65535
<b>Default values</b>	21000

### ■ Audio 2 RTP Start Port ◆

<b>Description</b>	Set the start port for the Audio 2 RTP communication range. The (RTP End Port) should be greater than 10 digits from the (RTP Start Port). If a smaller range is set, in some cases ports outside the range will still be used.
<b>Settings</b>	1-65534
<b>Default values</b>	22000

### ■ Audio 2 RTP End Port ◆

<b>Description</b>	Set the end port for the Audio 2 RTP communication range. The (RTP End Port) should be greater than 10 digits from the (RTP Start Port). If a smaller range is set, in some cases ports outside the range will still be used.
<b>Settings</b>	1-65535
<b>Default values</b>	23000

## 2.6.1. Audio Buffer

### ■ Packets Buffered at Audio Start ♠

<b>Description</b>	Set the number of packets buffered until audio is started.
<b>Settings</b>	0-4
<b>Default values</b>	1

### ■ Maximum Packets Buffered ♠

<b>Description</b>	Set the maximum number of packets to be buffered. When the system receives more packets, oldest packets are discarded. Choose a figure greater than "■Packets Buffered at Audio Start."
<b>Settings</b>	2-10
<b>Default values</b>	3

## 2.7. Packet Priority

Configure the Packet Priority and VLAN for video, audio, and SIP packets.

### Caution

When a setting related to VLAN is updated at a station, it will restart. In some cases, it may take around 10 minutes for the station to start up.

• Packet Priority

TOS Value (Audio):  0x00-0xFF

TOS Value (Video):  0x00-0xFF

TOS Value (SIP):  0x00-0xFF

VLAN Setting:

VLAN ID:  1-4094

VLAN Priority:

### ■ TOS Value (Audio) ⚡

<b>Description</b>	Set the audio packet priority (TOS Value).
<b>Settings</b>	0x00-0xFF
<b>Default values</b>	0x00

### ■ TOS Value (Video) ⚡ (Video Door Station only)

<b>Description</b>	Set the video packet priority (TOS value).
<b>Settings</b>	0x00-0xFF
<b>Default values</b>	0x00

### ■ TOS Value (SIP) ⚡

<b>Description</b>	Set the packet priority (TOS Value) for SIP.
<b>Settings</b>	0x00-0xFF
<b>Default values</b>	0x00

### ■ VLAN Setting ⚡

<b>Description</b>	Enable/disable the tag VLAN.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Disable</li> <li>• Enable</li> </ul>
<b>Default values</b>	Disable

**Important**

When "■VLAN Setting" is enabled, ensure that the switches, PCs, and stations are all configured for VLAN operation.

**■ VLAN ID ♦♠**

<b>Description</b>	Enter the VLAN ID.
<b>Settings</b>	1-4094
<b>Default values</b>	1

**■ VLAN Priority ♠**

<b>Description</b>	Set the VLAN priority.
<b>Settings</b>	0 (Low) through 7 (High)
<b>Default values</b>	0

## 2.8. NTP

Configure the settings for NTP. When using NTP, set "■ Enable NTP ♠" > [P.203](#).

**•NTP**

'Enable NTP' in [Station Information] must be set to 'Yes'.

---

**Primary Server**

Address: ♠ [IPv4]   
1.0.0.0-223.255.255.255 or Hostname (1-64 alphanumeric characters)

[IPv6]   
::FF:0-FE:FF:FFFF:FFFF:FFFF:FFFF:FFFF:FFFF or Hostname (1-64 alphanumeric characters)

Port: ♠  1-65535

---

**Secondary Server**

Address: ♠ [IPv4]   
1.0.0.0-223.255.255.255 or Hostname (1-64 alphanumeric characters)

[IPv6]   
::FF:0-FE:FF:FFFF:FFFF:FFFF:FFFF:FFFF:FFFF or Hostname (1-64 alphanumeric characters)

Port: ♠  1-65535

Synchronization Interval [hour]: ♠♠  Sync every [1-255] hours

### 2.8.1. Primary Server

#### ■ Address ♠

<b>Description</b>	Set the IP address of the primary NTP server. When using a "Hostname," set up "2.2. DNS" > <a href="#">P.209</a> .
<b>Settings</b>	[IPv4]: 1.0.0.0-223.255.255.255 or Hostname (1-64 alphanumeric characters) [IPv6]: ::FF:0-FE:FF:FFFF:FFFF:FFFF:FFFF:FFFF:FFFF or Hostname (1-64 alphanumeric characters)
<b>Default values</b>	-

#### ■ Port ♠

<b>Description</b>	Set the communication port for the NTP server.
<b>Settings</b>	1-65535
<b>Default values</b>	123

## 2.8.2. Secondary Server

### ■ Address ♠

<b>Description</b>	Set the IP address of the secondary NTP server. When using a with "Hostname," set up "2.2. DNS" ► <a href="#">P.209</a> .
<b>Settings</b>	[IPv4]: 1.0.0.0-223.255.255.255 or Hostname (1-64 alphanumeric characters) [IPv6]: ::FF:0-FE:FF:FF:FF:FF:FF:FF:FF:FF:FF:FF:FF or Hostname (1-64 alphanumeric characters)
<b>Default values</b>	-

### ■ Port ♠

<b>Description</b>	Set the communication port for the NTP server.
<b>Settings</b>	1-65535
<b>Default values</b>	123

### ■ Synchronization Interval [hour] ♦♠

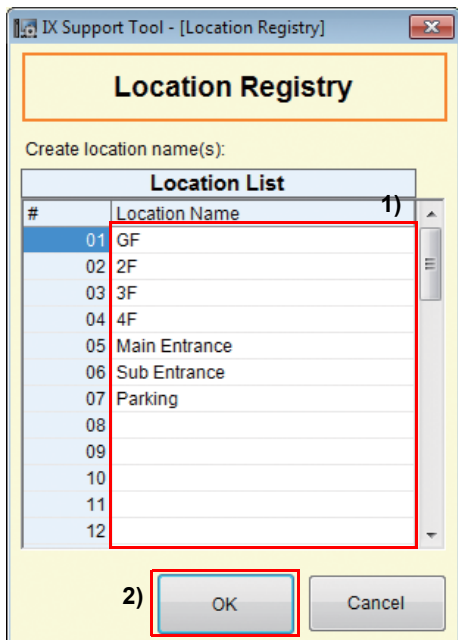
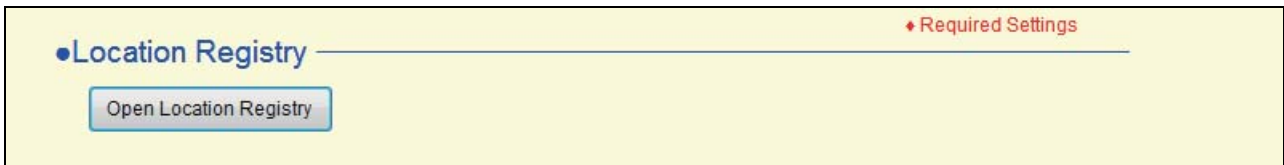
<b>Description</b>	Set the interval for synchronizing the clock with NTP server.
<b>Settings</b>	1-255 hours (by 1 hour)
<b>Default values</b>	24 hour

## 3. System Information

### 3.1. Location Registry (Master Station only)

Click  , the "Location Registry" window will be shown.

Register up to 50 locations.



#### How to register a location

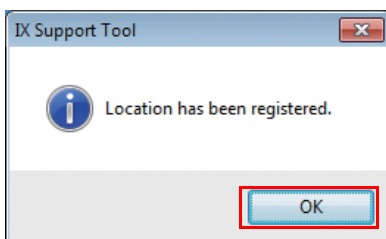
1) Enter the location in "Location List."

- Location Name: 1-24 alphanumeric characters

2) Click .

- Click  , the registration is terminated without registering the location.

3) Click .

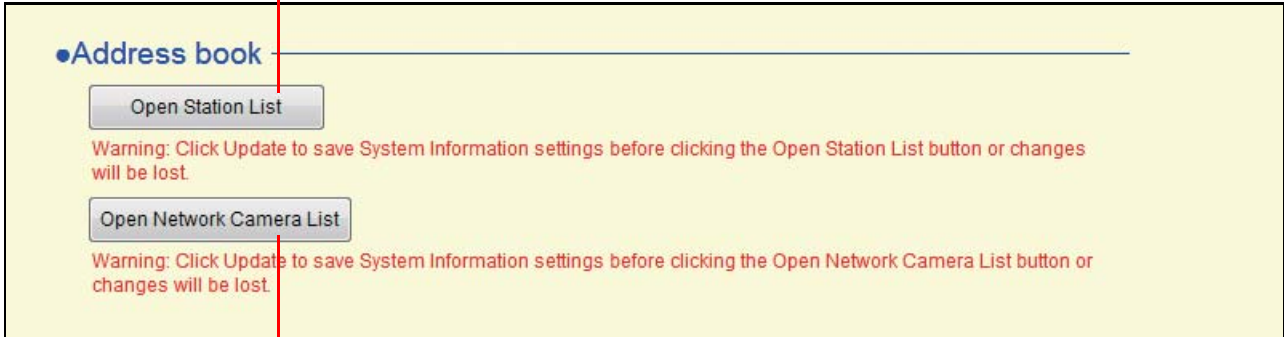


## 3.2. Address book (Master Station only)

Set Address Book for Master Station.

Use the Address Book to call/page a station or monitor a network camera.

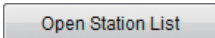
"3.2.1. Station List" > P.223



"3.2.2. Network Camera List" > P.224

### 3.2.1. Station List

Register the stations in IX System in the Address Book.

Click , the window in which a station list can be created will be shown.


List of Master Stations in the Settings data					Address Book list			
#	Station Information				Available Stations			
	Identification				001	002	003	
	Number	Name	Location	Type	Master Station1 GF	Master Station2 GF	Master Station3 GF	Ma
001	001	Master Station1	GF	Master Station		2) ✓	✓	
002	002	Master Station2	GF	Master Station	1) ✓		✓	
003	003	Master Station3	GF	Master Station	✓			
004	004	Master Station4	2F	Master Station	✓		3) ✓	
005	005	Master Station5	2F	Master Station	✓		✓	

#### How to create Station List

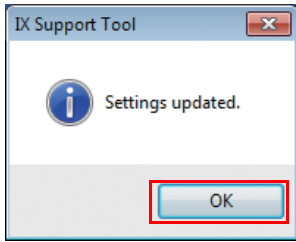
- 1) Identify the station to be configured using "List of Master Stations in the settings data."
- 2) Identify the station to be registered in the Address Book using "Address Book list."
- 3) Click the cells that correspond to 1) and 2). As the pull-down menu appears, choose blank or "✓."

Blank: The selected station will not be registered in the Address Book.

✓: The selected station will be registered in the Address Book.

- 4) When done, click .

5) Click .



**Point**

- All items are "✓" as the default setting.
- A station cannot be registered to itself.

### 3.2.2. Network Camera List

Master Station supports the ONVIF interface standard "ONVIF profile S."

View video with Master Station monitor taken with a network camera made by other manufacturers supporting the ONVIF specification. (For products with confirmed interoperability, refer to our Web site "http://www.aiphone.net/.")

Register the network camera in the Address Book.

To register a network camera, association settings should be configured and a PC should be connected.

Click , the following window will be shown.

"■Network Camera Registry" > P.225

**List of Master Stations in the Settings data**

**Address Book list**  
If no network camera is registered, this will not be shown.


#	Station Information				Available Network Camera(s)
	Identification	Name	Location	Type	
001	100	Master station 1	GF	Master Station	01 ✓
002	200	Master station 2	2F	Master Station	

#### How to create Network Camera List

- 1) Identify the station to be configured using "List of Master Stations in the Settings data."
- 2) Identify the network camera to be registered in the Address Book using "Address Book list."
- 3) Click the cells that correspond to 1) and 2). As the pull-down menu appears, choose blank or "✓."

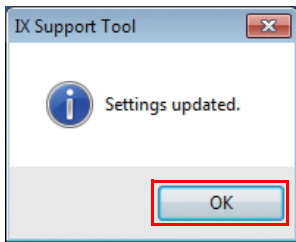
Blank: The selected network camera will not be registered in the Address Book.

✓: The selected network camera will be registered in the Address Book.

4) When done, click .



5) Click .

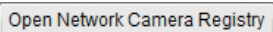


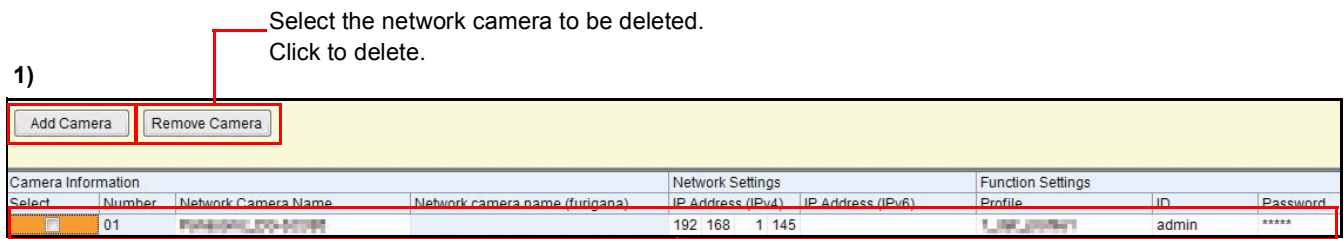
**Point**

All items are set as "Blank" in the default settings.

**Network Camera Registry**

A network camera should be registered.

Click , the following window will be shown.

1) 

If no network camera is registered, this will not be shown.

**Network Camera Name**

<b>Description</b>	Enter the network camera name.
<b>Settings</b>	1-24 alphanumeric characters
<b>Default values</b>	-

**Profile**

<b>Description</b>	The selected video profile is shown.
<b>Settings</b>	-
<b>Default values</b>	-

**ID**

<b>Description</b>	Enter the authentication ID of the network camera.
<b>Settings</b>	1-32 alphanumeric characters
<b>Default values</b>	-

## ■ Password

<b>Description</b>	Enter the authentication password of the network camera.
<b>Settings</b>	1-32 alphanumeric characters
<b>Default values</b>	-

## ■ IP Address (IPv4)

<b>Description</b>	Set the IPv4 address of the network camera.
<b>Settings</b>	1.0.0.0-223.255.255.255
<b>Default values</b>	-

## ■ IP Address (IPv6)

<b>Description</b>	Set the IPv6 address of the network camera.
<b>Settings</b>	::FF:0-FE:FF:FFFF:FFFF:FFFF:FFFF:FFFF:FFFF
<b>Default values</b>	-

### Point

Network camera name (furigana) is only accessible when using Japanese or Chinese language.

IX Support Tool - [Network Camera Selection]

### Network Camera Selection

1. Select the network camera to be registered

2)-A  Manual Network Camera Configuration

IP Address:

ID:

Password:

2)-B  Select from Network Camera Search List

Search Timeout  Second(s)

Network Camera Search List					
Select	Manufacturer	Model Number	IP Address	ID	Password
<input type="checkbox"/>	Paragon_100-101	100-101	192.168.1.60		

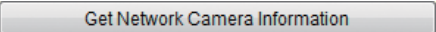
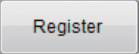

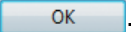
3)

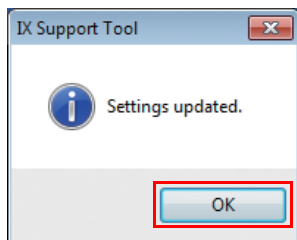
Network Camera Information			
Select	Manufacturer	Model Number	Profile
<input type="checkbox"/>			

4)

5)

- 1) Click  to search a network camera. (Searching may take several minutes.)  
When searching is done, the network cameras connected in the network will be shown in the "Network Camera Search List."
- 2) Choose method of A or B for specifying the network camera.
  - A: When specifying the IP address directly  
(For the multicast-incompatible network, use this search method.)  
Check "Manual Network Camera Configuration," and enter "IP Address," "ID," and "Password" of the network camera.
  - B: When searching in the Network Camera Search List  
Check "Select from Network Camera Search List," choose the network camera to register in "Network Camera Search List," and enter "ID" and "Password."
 To search again, click .

- 3) Click .  
(Obtaining the video profile may take several minutes.)  
When video profiles are successfully obtained, they will be shown in "Network Camera Information."
- 4) Choose the video profile to be registered from the list.
- 5) Click  to register a network camera.
- 6) When done, click .
- 7) Click .

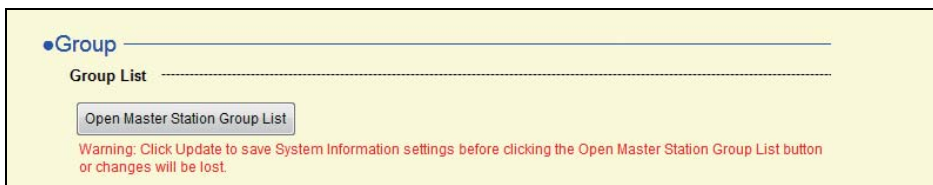


### 3.3. Group (Master Station only)

Configure the group in the Master Station. Register up to 50 Groups in each station.  
 Select a group registered in the Address Book.

#### 3.3.1. Master Station Group List

Click  , the window for creating a group will be shown.



U = Unicast, M = Multicast  
 If designating "M", multicast IP addresses must be configured for the station(s).

001

#	Identification				Group					
	Number	Name	Location	Type	Shared Group					
					01	02	03	04	05	06
Number										
Group Name										
Group Name (furigana)										
Total					0	0	0	0	0	0
001	001	Master Station1	GF	Master Station						
002	002	Master Station2	GF	Master Station						
003	003	Master Station3	GF	Master Station						
004	004	Master Station4	2F	Master Station						
005	005	Master Station5	2F	Master Station						

## ■ Shared Group Settings

A group registered in the shared group settings will be applied to all Master Stations.

**Settings Station Selection pull-down menu**

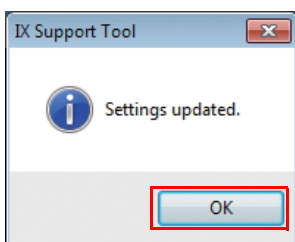
**Station List**

**Group Registry List**

**Setting Station Name:**  
Configure a group from the stations shown.

#	Identification				Group					
	Number	Name	Location	Type	01	02	03	04	05	06
	Number	Group Name			01	02				
	Group Name	Group Name (furigana)			Group1	Group2				
	Total				3	0	0	0	0	0
001	001	Master Station1	GF	Master Station	U					
002	002	Master Station2	GF	Master Station						
003	003	Master Station3	GF	Master Station						
004	004	Master Station4	2F	Master Station						
005	005	Master Station5	2F	Master Station						
006	006	Master Station6	2F	Master Station						
007	007	Master Station7		Master Station						

- 1) Verify that the "Shared Group" table is shown.  
If "Shared Group" is not visible, scroll the screen all the way to the left.
- 2) Enter the "Number" and "Group Name" of the group to be set in the Group Registry.  
Number: 01 through 99 (2 digits)  
Group Name: 1-24 alphanumeric characters
- 3) Identify the group to be configured in "Group Registry List" section (01 through 50).
- 4) Identify the stations to be registered to the group in "Station List."
- 5) Click the cells that correspond to 3) and 4). As the pull-down menu appears, choose blank, "U," or "M."  
Blank: Station will not be registered in the group.  
U: Station will be registered in the group. When the group is paged, audio is transmitted as unicast.  
M: Station will be registered in the group. When the group is paged, audio is transmitted as multicast.
- 6) When done, click .
  - When clicking , the data entered in the shared group will be registered to each Master Station, and will be removed from the Shared Group section.
- 7) Click .



### Point

- No group is registered in the default settings.
- Register up to 50 groups for each Master Station.
- When choosing "M," configure "2.4. Multicast Address" ▶ [P.210](#).
- Group Name (furigana) is only accessible when using Japanese or Chinese language.

### Important


**"Shared Group" registration should be completed prior to individual Master Station group registration. If a "Shared Group" is configured using the same group number as a Master Station individual group, the individual group setting will be overwritten.**

## ■ Individual Settings

Configure the group to be registered in each station.

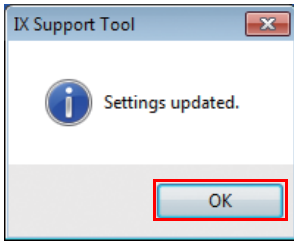
**Settings Station Selection pull-down menu**      **Station List**      **Group Registry List**      **Setting Station Name:**  
Configure a group from the stations shown.

#	Identification				Group					
	Number	Name	Location	Type	01	02	03	04	05	06
	001	Master Station1	GF	Master Station	-	-	0	-	-	-
	002	Master Station2	GF	Master Station						
	003	Master Station3	GF	Master Station						
	004	Master Station4	2F	Master Station						
	005	Master Station5	2F	Master Station						
	006	Master Station6	2F	Master Station						

- 1) Select the station number to be configured from Settings Station Selection pull-down menu.
- 2) Scroll to the right using the scroll bar at the bottom of the screen to show the settings station to be configured.
- 3) Enter the "Number" and "Group Name" of the group to be set in the Group Registry.  
Number: 01 through 99 (2 digits)  
Group Name: 1-24 alphanumeric characters
- 4) Identify the group to be configured in "Group Registry List" section (01 through 50).
- 5) Identify the stations to be registered to the group in "Station List."
- 6) Click the cells that correspond to 4) and 5). As the pull-down menu appears, choose blank, "U," or "M."  
U: Station will be registered in the group. When the group is paged, audio is transmitted as unicast.  
M: Station will be registered in the group. When the group is paged, audio is transmitted as multicast.
- 7) When done, click  .



8) Click .



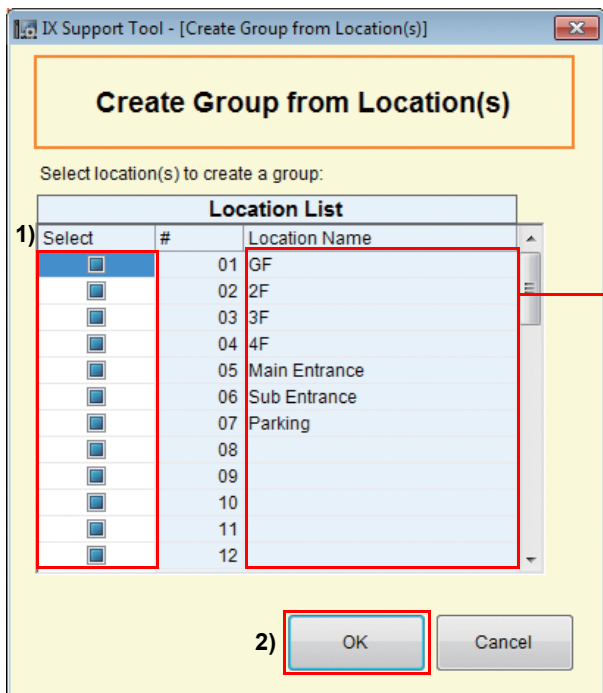
**Point**

- No group is registered in the default settings.
- The station preceding and following the station selected will be shown. For example, if "003" is selected, "002," "003," and "004" are all shown.
- Register up to 50 Groups for each Master Station.
- When choosing "M," configure "2.4. Multicast Address" > [P.210](#).
- Group Name (furigana) is only accessible when using Japanese or Chinese language.

**■ Create Group from Location(s)**

Create a group with the stations configured for an identical location.

Click , the following window will be shown.



The locations registered in "1.1.2. Location Registry" > [P.111](#) will be shown.

1) Check the check box of the location for which a group is to be created.

2) Click .

Stations belonging to the selected location will be registered in the "Shared Group" section.

- For further steps, refer to "■Shared Group Settings" > [P.230](#).

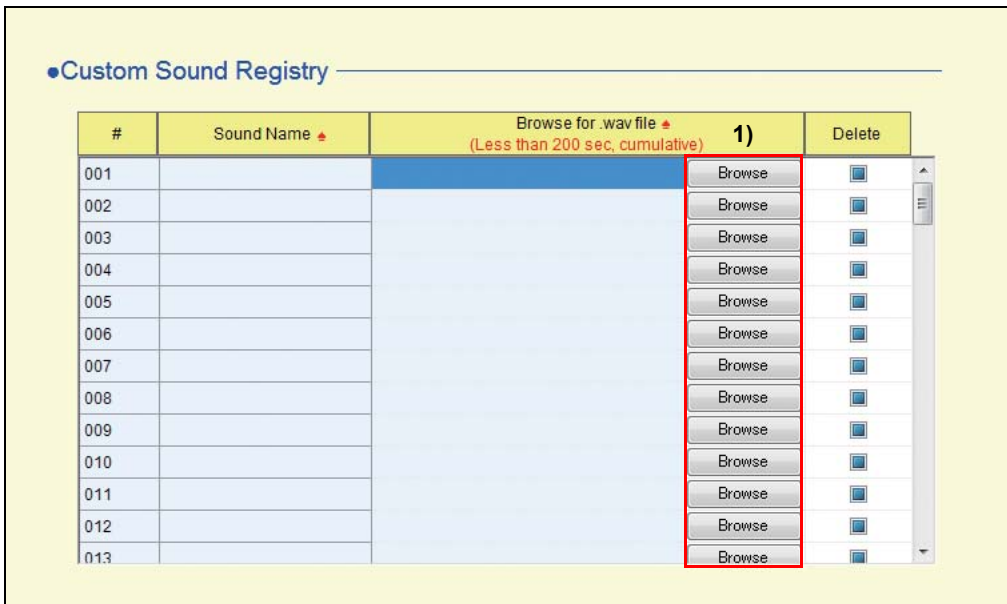
## 3.4. Custom Sound Registry

Register the audio files to be used for a ringtone.

For each station, up to 100 files can be registered (total length of approximately 200 seconds/ approximately 3.2 MB).

Supported file format

- File format: .wav
- Audio sample size: 16 bits
- Audio sample rate: 8 kHz
- Number of channels: One (monaural)




### ■ Custom Sound Registry

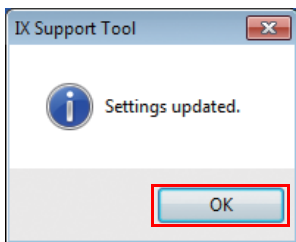
<b>Description</b>	Register the audio files to be used for a ringtone. Up to 100 files can be registered.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Sound Name: File name of the registered file.</li> <li>• File Attachment: Total of 100 files, and total length of approximately 200 seconds</li> </ul> <p>Supported file format</p> <ul style="list-style-type: none"> <li>- File format: .wav</li> <li>- Audio sample size: 16 bits</li> <li>- Audio sample rate: 8 kHz</li> <li>- Number of channels: One (monaural)</li> </ul>
<b>Default values</b>	-

#### How to register an audio file


- 1) Click  at the end of the row for the station for which the file is to be registered.
- 2) Select the audio file to register, and click .
- 3) The file name of the selected file will be shown in "Sound Name."  
The name of the sound will be shown when configuring a ringtone.

4) When done, click  .

5) Click  .



### Point

- When using the file for a ringback tone, a ringtone, or a network camera event tone, set up the silent time for the source.
- To delete a registered audio file, check the file and click  . The file will be deleted after the unit is updated.
- A DVD-ROM with sample files is included in the package for Master Station. Use the files in it as audio source.

## 4. Contact / Audio Output Settings

### 4.1. Contact Input

Configure the settings for Contact Input of each station.

#### 4.1.1. Contact Input Specifications

◆ Contact Input <span style="float: right;">◆ Required Settings</span>			
Contact Input Specifications			
Input Number	Input Specifications		Usage
	Type	Detection time [msec] ◆ 200-2000msec / 100msec step	
1	Make ▼	200 msec	▼

#### ■ Type

<b>Description</b>	Set the type of general input for each station.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Make (N/O)</li> <li>• Break (N/C)</li> </ul>
<b>Default values</b>	Make

#### ■ Detection time [msec] ◆

<b>Description</b>	Set the detection time of contact input for each station.
<b>Settings</b>	200-2000 msec (by 100 msec)
<b>Default values</b>	200 msec

#### ■ Usage

<b>Description</b>	Set the usage of contact input for each station.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Blank: Not used</li> <li>• Call: A call will be originated when a contact input comes in.</li> </ul>
<b>Default values</b>	Blank
<b>Remarks</b>	When set to "Call," configure "6.2. Contact Input Call" ► <a href="#">P.249</a> .

## 4.2. Output Specifications

Configure the settings for output specifications of each station.

**Output Specifications**

**Relay Output Specifications**

When usage is set for 'Paging Control', 'Output time [msec/sec] will be ignored.  
When usage is set for 'Contact Input Call / Communication State', 'Output time [msec/sec] will be ignored.

Output Number	Output Specifications		Usage
	Output Time [msec / sec] ◆ 200-2000msec / 200msec step, 3-300sec / 1sec step		
1	200-2000 msec ▼	400 ▼ msec	Door Release ▼

**Audio Output Specifications**

Audio Output:

Built-in Speaker for communication and paging  
 Audio Output for communication and paging  
 Built-in Speaker for communication, Audio Output for paging

### 4.2.1. Relay Output Specifications

#### ■ Output Time [msec / sec] ◆

<b>Description</b>	Set the output time of the relay output for each station. The entry is identical to "■Output Time [msec / sec] ◆" > <a href="#">P.248</a> . When the setting is changed, "■Output Time [msec / sec] ◆" > <a href="#">P.248</a> will be changed as well.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• 0 (Momentary): Delivers output while Master Station presses "Door Release" button.</li> <li>• 200-2000 msec (by 200 msec)</li> <li>• 3-300 sec (by 1 sec)</li> </ul>
<b>Default values</b>	200-2000 msec, 400 msec

#### ■ Usage

<b>Description</b>	Set the usage of relay output for each station. The entry is identical to "■Usage" > <a href="#">P.248</a> . When the setting is changed, "■Usage" > <a href="#">P.248</a> will be changed as well.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Blank: Not used</li> <li>• Door Release: Output to release the door.</li> <li>• Paging Control (Door Station only): Output while paging. Regardless of "■Output time" setting, the output is active for the duration of paging audio.</li> <li>• Contact Input Call / Communication State (Door Station only): Delivers output during a call or communication triggered by the contact input.</li> </ul>
<b>Default values</b>	Blank

#### Point

If "New System" is chosen from "Login and registration of the station," the settings for "■Usage" will be "Door Release" when "Automatically configure door release for all stations?" is enabled.

## 4.2.2. Audio Output Specifications (Door Station only)

### ■ Audio Output

<b>Description</b>	Set how audio is to be delivered. The entry is identical to "■Paging Audio Output (same as Contact / Audio Output Settings)" > <a href="#">P.257</a> . When the setting is changed, "■Paging Audio Output (same as Contact / Audio Output Settings)" > <a href="#">P.257</a> will be changed as well.
<b>Settings</b>	<ul style="list-style-type: none"><li>• Built-in Speaker for communication and paging</li><li>• Audio Output for communication and paging</li><li>• Built-in Speaker for communication, Audio Output for paging</li></ul>
<b>Default values</b>	Built-in Speaker for communication and paging

# 5. Call Settings

## 5.1. Called Stations (for Master Station)

### 5.1.1. Call Destination Settings

A call destination does not have to be set up. Any station registered in the Address Book can be called.

◆ Required Settings

◆ Called Stations (for Master Station) \_\_\_\_\_

Call Destination Settings -----

Call Destination Settings are unnecessary; Master Station can call any station in Address Book.

## 5.2. Called Stations (for Door Station)

Configure the settings for Call Destination of Door Station.

### 5.2.1. Call Button Assignment

Configure the stations to be called from Door Stations.

Select up to 20 Master Stations registered in the system.

Click  , the "Called Stations" window will be shown.

◆ Called Stations (for Door Station) \_\_\_\_\_

Call Button Assignment -----

Warning: Click Update to save Call Settings before clicking Open Call Button Assignment or changes will be lost.



Master Station list

Door Station list

#	Master Station Information				Set Call Method						
	Number	Name	Location	Type	011 Video Station1	012 Video Station2	013 Video Station3	014 Video Station4	015 Video Station5	016 Video Station6	Vide
Total					10	10	10	10	10	10	
001	001	Master Station1	GF	Master Station	U	1) U	U	U	U	U	U
002	002	Master Station2	GF	Master Station	U	U	U	U	U	U	U
003	003	Master Station3	GF	Master Station	2) U	U	U	U	U	U	U
004	004	Master Station4	2F	Master Station	U	U	U	U	U	U	U
005	005	Master Station5	2F	Master Station	U	U	U	U	U	U	U
006	006	Master Station6	2F	Master Station	U	U	U	U	U	U	U
007	007	Master Station7		Master Station	U	U	U	U	U	U	U

## How to select Call Destination


Register the Master Stations in the Master Station list for the call destination for each Door Station in the Door Station list.

- 1) Identify the Door Station to be configured using "Door Station list."
- 2) Identify the Master Station to be registered using "Master Station list."
- 3) Click the cells that correspond to **1)** and **2)**. As the pull-down menu appears, choose blank, "U," or "M."

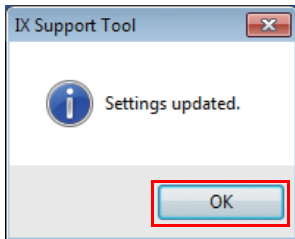
Blank: The selected station will not be registered.

U: The station will be registered in the call destination. An outgoing call is transmitted as unicast.

M: Station will be registered in the call destination. Video is transmitted as multicast for an outgoing call. (Video Door Station only)

- 4) When done, click  .

- 5) Click  .



### Point

"U" (Unicast) is the default setting.



## 5.2.2. Priority Setting

Priority Setting

Priority:

### ■ Priority

<b>Description</b>	Set the priority of a call when Call button is pressed.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Normal</li> <li>• Priority</li> <li>• Urgent</li> </ul>
<b>Default values</b>	Normal

## 5.3. Call Origination (Door Station only)

● Call Origination

Call Acknowledged Settings

Ringback Tone:

Call Timeout [sec]:   sec 10-600 sec, Infinite (No timeout)

Ringback Tone Count [time(s)]:  1-20 time(s), Infinite (Keep ringing)

Busy Tone:

Error Tone (Call failed):

### 5.3.1. Call Acknowledged Settings

#### ■ Ringback Tone ♣

<b>Description</b>	Select the ringback tone (tone heard at calling station when a call is placed).
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Call pattern 1</li> <li>• Call pattern 2</li> <li>• Call pattern 3</li> <li>• Call pattern 4</li> <li>• Call pattern 5</li> <li>• Call pattern 6</li> <li>• Tremolo sound</li> <li>• Busy tone</li> <li>• On-hold tone</li> <li>• Operation sound</li> <li>• Error sound</li> <li>• Sound registered in "3.4. Custom Sound Registry" ► <a href="#">P.234</a></li> </ul>
<b>Default values</b>	Call pattern 1

## ■ Call Timeout [sec] ♦♠

<b>Description</b>	Set the call timer for an outgoing call.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• 10-600 sec (by 1 sec)</li> <li>• Infinite: Ringing continues until the recipient responds</li> </ul>
<b>Default values</b>	10-600 sec, 60 sec

## ■ Ringback Tone Count [time(s)] ♠

<b>Description</b>	Set the count of ringback tone.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• 1-20 times</li> <li>• Infinite: Ringback tone continues until the recipient responds.</li> </ul>
<b>Default values</b>	Infinite

## ■ Busy tone ♠

<b>Description</b>	Select the tone that will be heard at the calling station when the called station is busy.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Call pattern 1</li> <li>• Call pattern 2</li> <li>• Call pattern 3</li> <li>• Call pattern 4</li> <li>• Call pattern 5</li> <li>• Call pattern 6</li> <li>• Tremolo sound</li> <li>• Busy tone</li> <li>• On-hold tone</li> <li>• Operation sound</li> <li>• Error sound</li> <li>• Sound registered in "3.4. Custom Sound Registry" ► <a href="#">P.234</a></li> </ul>
<b>Default values</b>	Busy tone

## ■ Error Tone (Call failed) ♠

<b>Description</b>	Select the tone that will be heard when a call fails.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Call pattern 1</li> <li>• Call pattern 2</li> <li>• Call pattern 3</li> <li>• Call pattern 4</li> <li>• Call pattern 5</li> <li>• Call pattern 6</li> <li>• Tremolo sound</li> <li>• Busy tone</li> <li>• On-hold tone</li> <li>• Operation sound</li> <li>• Error sound</li> <li>• Sound registered in "3.4. Custom Sound Registry" ► <a href="#">P.234</a></li> </ul>
<b>Default values</b>	Error sound

## 5.4. Incoming call (Master Station only)

Configure the settings for an incoming call.

### 5.4.1. Call Answer Settings

● Incoming call

Call Answer Settings

Auto Answer: ▲  OFF  ON

Ringtone Count [time(s)]: ▲ Infinite

#### ■ Auto Answer ▲

<b>Description</b>	Set auto answer feature for an incoming individual call. Auto answer: When a call comes in, it is automatically connected.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• ON</li> <li>• OFF</li> </ul>
<b>Default values</b>	OFF

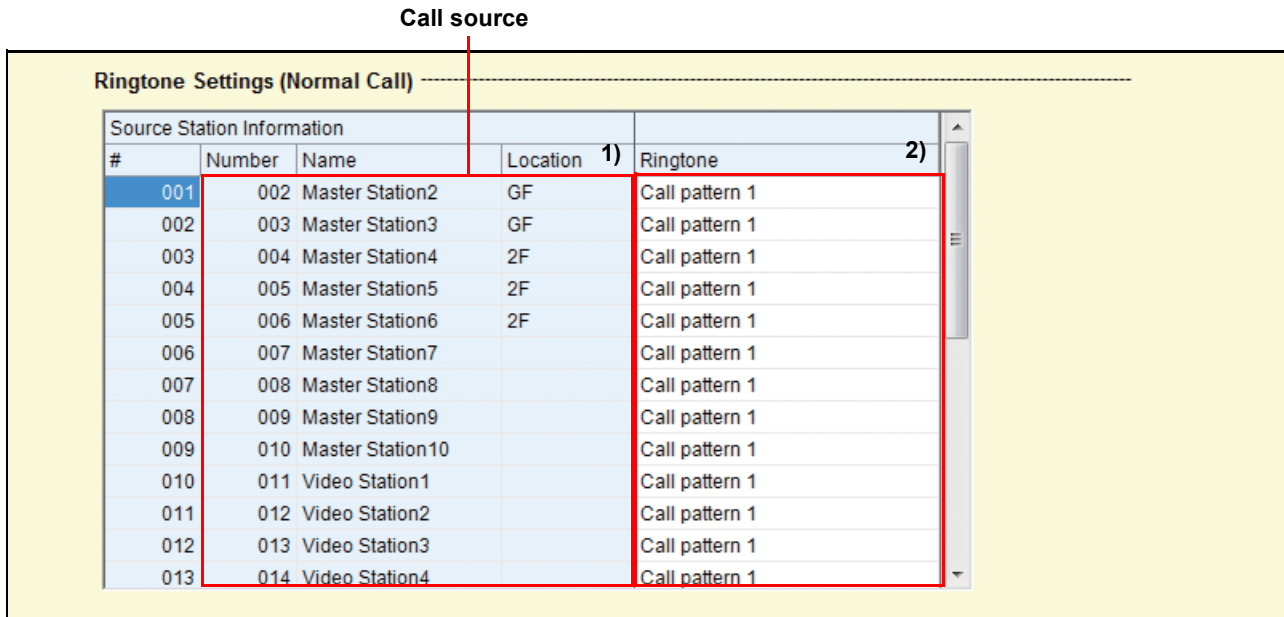
#### ■ Ringtone Count [time(s)] ▲

<b>Description</b>	Set the ringtone count for an incoming call.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Infinite: Ringtone continues until the recipient responds or the call ends.</li> <li>• 1-20 times</li> </ul>
<b>Default values</b>	Infinite


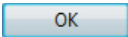
## 5.4.2. Ringtone Settings (Normal Call)

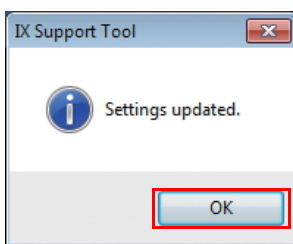
Set the ringtone for an incoming call when the unit is operated.

Set a different ringtone for each source.



### How to configure the ringtone

- 1) Identify the station to be registered in "Call source."
- 2) Choose a ringtone from "Ringtone."  
Call Patterns 1 through 6, Tremolo sound, Busy tone, On-hold tone, Operation sound, Error sound, and Sound registered in "3.4. Custom Sound Registry" ► [P.234](#)
- 3) When done, click .
- 4) Click .



### Point

"Call Pattern 1" is the default setting.

## 5.5. All Page

When paging all stations, the default setting is multicast. When paging the stations in unicast is required, configure the following settings.

Unicast can transmit up to 50 stations.

When paging stations in multicast, configure "2.4. Multicast Address" ► [P.210](#).

**Station List**

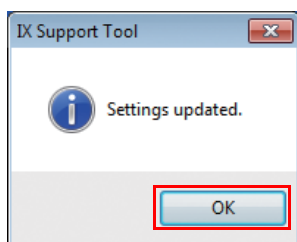
● **All Page**

Multicast is utilized for All Page function (by default) and must be configured for the stations.  
Max. 50 stations can be paged using unicast transmission. Select stations for unicast transmission.

Station Information			Location 1)	Unicast 2)
#	Number	Name		
001	002	Master Station2	GF	<input type="checkbox"/>
002	003	Master Station3	GF	<input type="checkbox"/>
003	004	Master Station4	2F	<input type="checkbox"/>
004	005	Master Station5	2F	<input type="checkbox"/>
005	006	Master Station6	2F	<input type="checkbox"/>
006	007	Master Station7		<input type="checkbox"/>
007	008	Master Station8		<input type="checkbox"/>
008	009	Master Station9		<input type="checkbox"/>
009	010	Master Station10		<input type="checkbox"/>
010	011	Video Station1		<input type="checkbox"/>
011	012	Video Station2		<input type="checkbox"/>
012	013	Video Station3		<input type="checkbox"/>
013	014	Video Station4		<input type="checkbox"/>

### How to configure

- 1) Identify the station to be configured from "Station list."
- 2) Check  of "Unicast."
  - Checked : Unicast transmission
  - Unchecked : Multicast transmission
- 3) When done, click .
- 4) Click .



### Point

(multicast) is the default setting.

## 6. Function Settings

### 6.1. Door Release Settings

#### 6.1.1. Door Release Tone (Door Station only)

◆ Required Settings

◆ Door Release Settings

Door Release Tone

Door Release Operating Tone: ◆

#### ■ Door Release Operating Tone ◆

<b>Description</b>	Set the tone which comes out of the station when the door is released.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• None</li> <li>• Call pattern 1</li> <li>• Call pattern 2</li> <li>• Call pattern 3</li> <li>• Call pattern 4</li> <li>• Call pattern 5</li> <li>• Call pattern 6</li> <li>• Tremolo sound</li> <li>• Busy tone</li> <li>• On-hold tone</li> <li>• Operation sound</li> <li>• Error sound</li> <li>• Sound registered in "3.4. Custom Sound Registry" ► <a href="#">P.234</a></li> </ul>
<b>Default values</b>	Operation sound

#### 6.1.2. Door Release Authorization

Door Release Authorization

Authentication Key: ◆  1-4 digits

#### ■ Authentication Key ◆

<b>Description</b>	Set the authentication key to authenticate the release of the door. Authentication key: When this matches the key of the station, the release will be permitted.
<b>Settings</b>	1-4 digits
<b>Default values</b>	-

### 6.1.3. Door Release Output Assignment

Door Release Output Assignment			
	Number	Contact Assignment	Authentication Key 1-4 digits
001	002	Destination Station	****
002	003	Destination Station	****
003	004	Destination Station	****
004	005	Destination Station	****
005	006	Destination Station	****
006	007	Destination Station	****
007	008	Destination Station	****
008	009	Destination Station	****
009	010	Destination Station	****
010	011	Destination Station	****
011	012	Destination Station	****
012	013	Destination Station	****
013	014	Destination Station	****

#### ■ Contact Assignment

<b>Description</b>	Set which door is to be released when a user tries to release a door for an outgoing or incoming call or during monitoring.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Originating Station: Door connected to the originating station is released.</li> <li>• Destination Station: Door connected to this is released.</li> </ul>
<b>Default values</b>	Destination Station

#### ■ Authentication Key

<b>Description</b>	When "Destination Station" is chosen in "■Contact Assignment," set the authentication key to be used when releasing the door. This should match the authentication key of the destination station.
<b>Settings</b>	1-4 digits
<b>Default values</b>	****

#### Point

- "Authentication Key" will be displayed as "\*\*\*\*\*" on the screen.
- If "New System" is chosen from "Login and registration of the station," the settings for "■Authentication Key" will generate a random string of four letters and assign this when "Automatically configure door release for all stations?" is enabled.

## 6.1.4. Door Release Output Settings (same as Contact / Audio Output Settings)

Door Release Output Settings (same as Contact / Audio Output Settings) -----

When usage is set for 'Paging Control', 'Output time [msec/sec] will be ignored.  
When usage is set for 'Contact Input Call / Communication State', 'Output time [msec/sec] will be ignored.

Output Number	Output Specifications		Usage
	Output Time [msec / sec] ◆ 200-2000msec / 200msec step, 3-300sec / 1sec step		
1	200-2000 msec	400 msec	Door Release

### ■ Output Time [msec / sec] ◆

<b>Description</b>	Set the output time of the relay output for each station. The entry is identical to "■Output Time [msec / sec] ◆" > P.237. When the setting is changed, "■Output Time [msec / sec] ◆" > P.237 will be changed as well.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• 0 (Momentary): Delivers output while Master Station presses "Door Release" button.</li> <li>• 200-2000 msec (by 200 msec)</li> <li>• 3-300 sec (by 1 sec)</li> </ul>
<b>Default values</b>	200-2000 msec, 400 msec

### ■ Usage

<b>Description</b>	Set the usage of relay output for each station. The entry is identical to "■Usage" > P.237. When the setting is changed, "■Usage" > P.237 will be changed as well.
<b>Settings</b>	Blank: Not used <ul style="list-style-type: none"> <li>• Door Release</li> <li>• Paging control (Door Station only): Output while paging. Regardless of "■Output time" setting, the output is active for the duration of paging audio.</li> <li>• Contact Input Call / Communication State (Door Station only): Delivers output during a call or communication triggered by the contact input.</li> </ul>
<b>Default values</b>	Blank

### Point

If "New System" is chosen from "Login and registration of the station," the settings for "■Usage" will be "Door Release" when "Automatically configure door release for all stations?" is enabled.



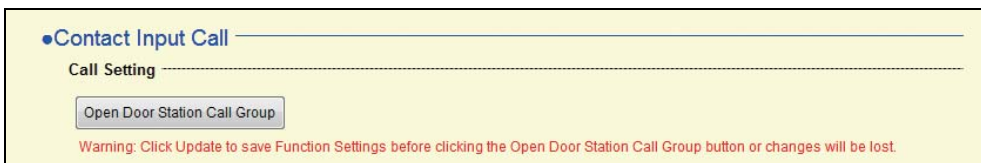
## 6.2. Contact Input Call

Configure the settings for a call when a Contact Input Call is made.

When choosing "Call," configure "■Usage" ➤ [P.236](#).

### 6.2.1. Call Setting (Door Station only)

Click  , the "Door Station Call Group" window will be shown.



U = Unicast, M = Multicast  
 If designating "M", multicast IP addresses must be configured for the station(s).

011

#	Master Station Information				Group						
	Number	Name	Location	Type	Shared Group						
					D01	D02	D03	D04	D05	D06	
Total					0	0	0	0	0	0	
001	001	Master Station1	GF	Master Station							
002	002	Master Station2	GF	Master Station							
003	003	Master Station3	GF	Master Station							
004	004	Master Station4	2F	Master Station							
005	005	Master Station5	2F	Master Station							

## ■ How to create a Called Station Group

### ● Shared Called Group Settings

A group registered in the shared group settings will be applied to all Master Stations.

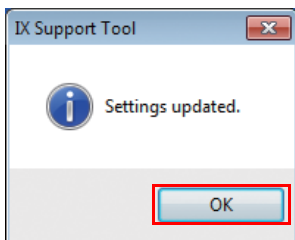
Master Station list

**Group Registry List**  
Nine groups can be set up for each station.

**Setting Station Name**  
Configure a group from the stations shown.

Master Station Information					Group					
#	Number	Name	Location	Type	Shared Group					
					D01	D02	D03	D04	D05	D06
Total					3	0	0	0	0	0
001	001	Master Station1	GF	Master Station	U					
002	002	Master Station2	GF	Master Station						
003	003	Master Station3	GF	Master Station						
004	004	Master Station4	2F	Master Station						
005	005	Master Station5	2F	Master Station	U					
006	006	Master Station6	2F	Master Station						

- 1) Verify that the "Shared Group" table is shown.  
If "Shared Group" is not visible, scroll the screen all the way to the left.
- 2) Identify the called group to be configured in "Group Registry List."
- 3) Identify the station to be registered in the group in "Master Station list."
- 4) Click the cells that correspond to 2) and 3). As the pull-down menu appears, choose blank, "U," or "M/U."
  - Blank: The selected station will not be registered.
  - U: Station will be registered in the group. A call is transmitted in unicast transmission.
  - M/U: Station will be registered in the group. When called, Video Door Station is transmitted in multicast and Audio Only Door Station in unicast.
- 5) When done, click .
  - When clicking , the data entered in the shared called group will be registered to each Master Station, and will be removed from the shared called group section.
- 6) Click .



**Point**

- No group is registered in the default settings.
- Register up to nine groups for each station. For each group, register up to 20 Master Stations.
- When choosing "M/U," configure "2.4. Multicast Address" ➤ [P.210](#).

**Important**

If using Shared Group settings, use a set of numbers different from the one used for the Shared Group for each station.

● **Individual Settings**

Configure the group to be registered in each station.

**Settings Station Selection pull-down menu**

**Master Station list**


**Group Registry List**

**Setting Station Name**  
Configure a group from the stations shown.

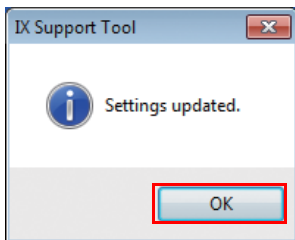
Master Station Information					Group					
#	Number	Name	Location	Type	011/Video Station1//X-DA					
					D01	D02	D03	D04	D05	D06
Total					0	0	0	0	0	0
001	001	Master Station 1	GF	Master Station						
002	002	Master Station2	GF	Master Station						
003	003	Master Station3	GF	Master Station						
004	004	Master Station4	2F	Master Station						
005	005	Master Station5	2F	Master Station						
006	006	Master Station6	2F	Master Station						
007	007	Master Station7		Master Station						

- 1) Select the station number to be configured from Settings Station Selection pull-down menu.
  - The station preceding and following the station selected will be shown.  
For example, if "003" is selected, "002," "003," and "004" groups are shown.
- 2) Scroll to the right using the scroll bar at the bottom of the screen to show the settings station to be configured.
- 3) Identify the group to be configured in "Group Registry List."
- 4) Identify the station to be registered in the group in "Master Station list."

- 5) Click the cells that correspond to **3)** and **4)**. As the pull-down menu appears, choose blank, "U," or "M."
- Blank: The selected station will not be registered.
  - U: Station will be registered in the group. A call is transmitted as unicast.
  - M: Station will be registered in the group. Video is transmitted as multicast. (Video Door Station only)

6) When done, click .

7) Click .



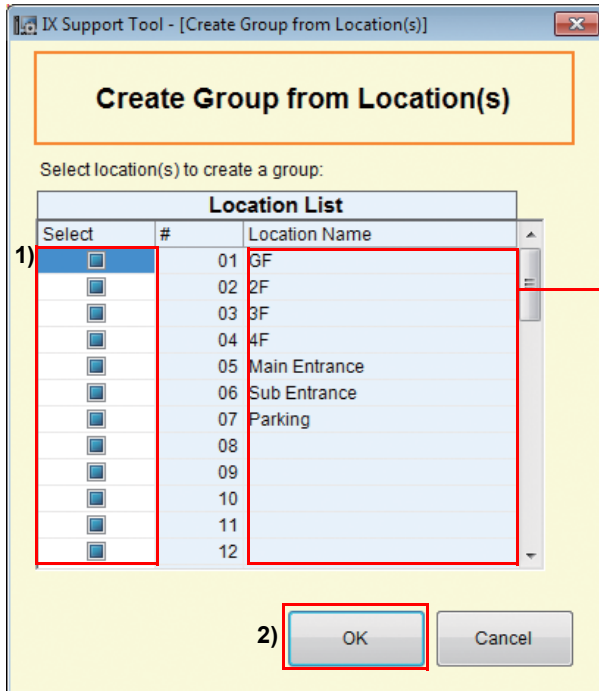
### Point

- No group is registered in the default settings.
- Register up to nine groups for each station. For each group, register up to 20 Master Stations.
- When choosing "M," configure "Multicast Address" in "Network Settings."

## ■ Create Group from Location(s)

Create a group with the stations configured for an identical location.

Click , the following window will be shown.



The locations registered in "1.1.2. Location Registry" > P.111 will be shown.

1) Check the check box of the location for which a group is to be created.

2) Click .

- A group of the stations which belong to the selected location will be registered in the shared group with a serial number and smaller figures.
- For further steps, refer to "●Shared Called Group Settings" > P.250.

## 6.2.2. Door Station Call Group Assignment (Door Station only)

Door Station Call Group Assignment

Input Number	Group Number 01-09	Priority
1	01	Normal

### ■ Group Number

<b>Description</b>	Set the group number of the group to be called when a contact input is triggered on the Door Stations. Create a Group in "6.2.6. Door Station Group List (Door Station only)" > <a href="#">P.169</a> .
<b>Settings</b>	01-09
<b>Default values</b>	01

### ■ Priority

<b>Description</b>	Set the priority of the call when a contact input is triggered on the Door Stations.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Normal</li> <li>• Priority</li> <li>• Urgent</li> </ul>
<b>Default values</b>	Normal

## 6.2.3. Call Acknowledged Settings

Call Acknowledged Settings

Ringback Tone: ▲ Call pattern 2

Call Timeout [sec]: ▲▲ 10-600 sec  sec 10-600 sec, Infinite (No timeout)

Ringback Tone Count [time(s)]: ▲ Infinite 1-20 time(s), Infinite (Keep ringing)

### ■ Ringback Tone ▲ (Door Station only)

<b>Description</b>	Select the Ringback tone when a Contact Input is triggered on the Door Station.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Call pattern 1</li> <li>• Call pattern 2</li> <li>• Call pattern 3</li> <li>• Call pattern 4</li> <li>• Call pattern 5</li> <li>• Call pattern 6</li> <li>• Tremolo sound</li> <li>• Busy tone</li> <li>• On-hold tone</li> <li>• Operation sound</li> <li>• Error sound</li> <li>• Sound registered in "3.4. Custom Sound Registry" &gt; <a href="#">P.234</a></li> </ul>
<b>Default values</b>	Call pattern 2

■ Call Timeout [sec] ♦♠

<b>Description</b>	Set the call ring timer for a contact input call.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• 10-600 sec (by 1 sec)</li> <li>• Infinite: Ringing continues until the caller stops or the recipient responds.</li> </ul>
<b>Default values</b>	10-600 sec, 60 sec

■ Ringback Tone Count [time(s)] ♠ (Door Station only)

<b>Description</b>	Set the count of ringback tone.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Infinite: Ringing continues until the recipient responds</li> <li>• 1-20 times</li> </ul>
<b>Default values</b>	Infinite

6.2.4. Master Station Call Group Assignment (Master Station only)

**Master Station Call Group Assignment** .....

Called Station Setting:

Input Number	Group Number <small>01-99</small>	Priority	
1	<input type="text"/>	Normal ▾	<input type="button" value="Open Group List"/>

■ Group Number

<b>Description</b>	<p>Set the group number of the group to be called when a contact input is triggered on the Master Station.</p> <p>Enter the group number directly, or click <input type="button" value="Open Group List"/> to choose a group. Create a group in "6.2.5. Master Station Group List (Master Station only)" ► <a href="#">P.168</a>.</p>
<b>Settings</b>	01-99
<b>Default values</b>	-

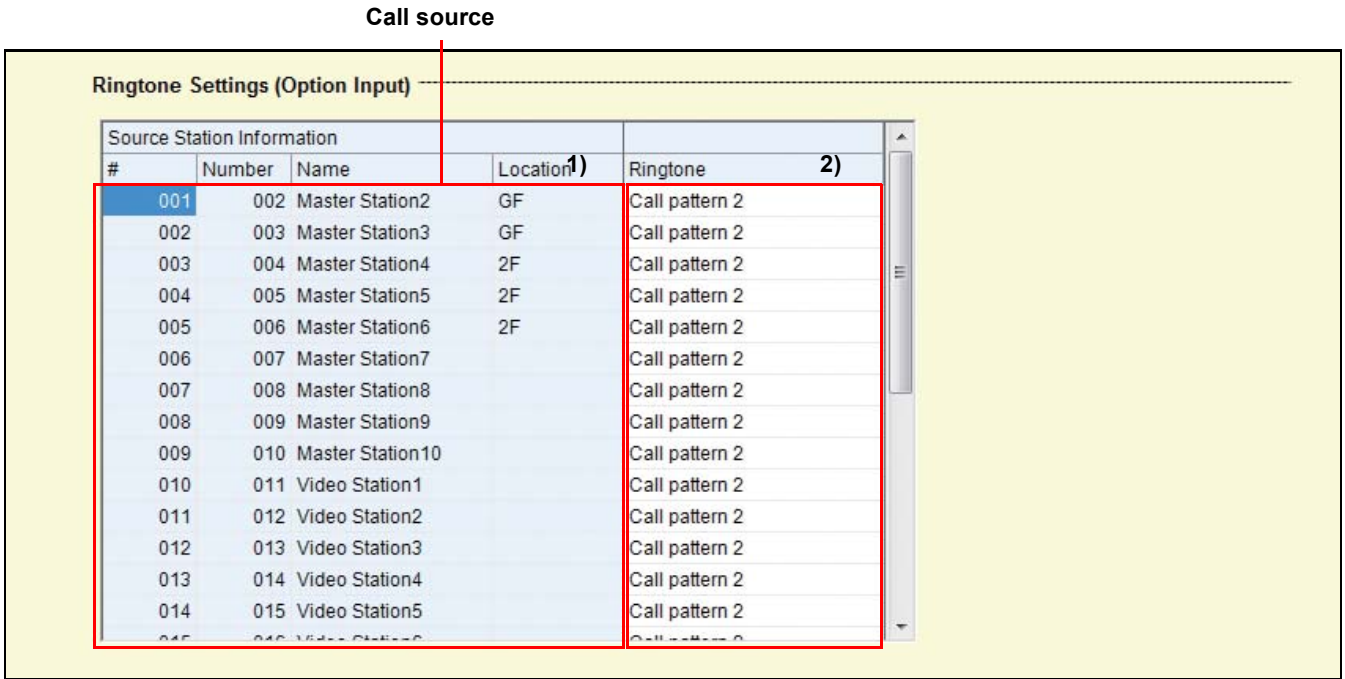
■ Priority

<b>Description</b>	Set the priority of the call when a contact input is triggered on the Master Station.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Normal</li> <li>• Priority</li> <li>• Urgent</li> </ul>
<b>Default values</b>	Normal


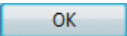
### 6.2.5. Ringtone Settings (Option Input)

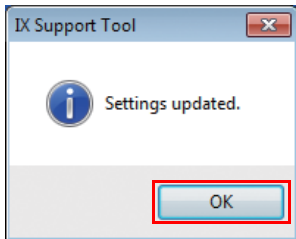
Select the ringtone for an incoming contact input call.

Set a different ringtone for each source.



#### How to configure the ringtone

- 1) Identify the station to be registered in "Call source."
- 2) Choose a ringtone from "Ringtone."  
Call Patterns 1 through 6, Tremolo sound, Busy tone, On-hold tone, Operation sound, Error sound, and Sound registered in "3.4. Custom Sound Registry" ➤ [P.234](#)
- 3) When done, click .
- 4) Click .



#### Point

"Call Pattern 2" is the default setting.



## 6.3. Paging Settings

**●Paging Settings**

---

**Paging Pretone Setting**

Pretone: ▲  ON  OFF

---

**Paging Time Setting**

Paging Timeout [sec]: ◆▲  10-600 sec

---

**Paging Output Setting**

Paging Audio Output (same as Contact / Audio Output Settings):

Built-in Speaker for communication and paging

Audio Output for communication and paging

Built-in Speaker for communication, Audio Output for paging

### 6.3.1. Paging Pretone Setting

#### ■ Pretone ▲

<b>Description</b>	Choose to enable/disable the Pretone function when the station is paged.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• ON</li> <li>• OFF</li> </ul>
<b>Default values</b>	ON

### 6.3.2. Paging Time Setting (Master Station only)

#### ■ Paging Timeout [sec] ◆▲

<b>Description</b>	Set maximum time for a page.
<b>Settings</b>	10-600 sec (by 1 sec)
<b>Default values</b>	30 sec

### 6.3.3. Paging Output Setting (Door Station only)

#### ■ Paging Audio Output (same as Contact / Audio Output Settings)

<b>Description</b>	<p>Set how audio is to be delivered.</p> <p>The entry is identical to "■Audio Output" &gt; P.238 and "■Paging Audio Output (same as Contact / Audio Output Settings)" &gt; P.258. When the setting is changed, "■Audio Output" &gt; P.238 and "■Paging Audio Output (same as Contact / Audio Output Settings)" &gt; P.258 will be changed as well.</p>
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Built-in Speaker for communication and paging</li> <li>• Audio Output for communication and paging</li> <li>• Built-in Speaker for communication, Audio Output for paging</li> </ul>
<b>Default values</b>	Built-in Speaker for communication and paging

## 6.4. Paging Output Setting (Door Station only)

### 6.4.1. Paging Audio Output (same as Contact / Audio Output Settings)

● **Paging Output Setting**

Paging Audio Output (same as Contact / Audio Output Settings)

Paging Audio Output (same as Contact / Audio Output Settings):

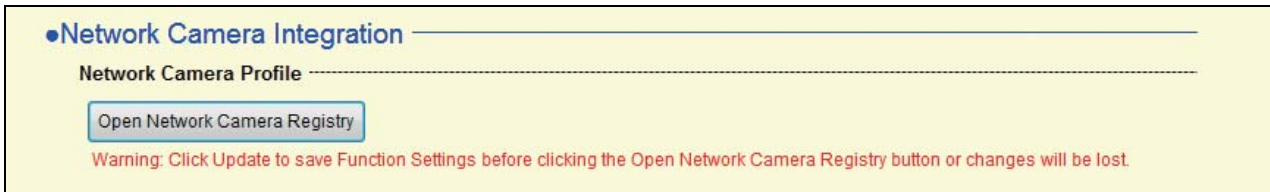
- Built-in Speaker for communication and paging
- Audio Output for communication and paging
- Built-in Speaker for communication, Audio Output for paging

#### ■ Paging Audio Output (same as Contact / Audio Output Settings)

<b>Description</b>	The entry is identical to "■Audio Output" > <a href="#">P.238</a> and "■Paging Audio Output (same as Contact / Audio Output Settings)" > <a href="#">P.257</a> . The settings configured in "■Audio Output" > <a href="#">P.238</a> and "■Paging Audio Output (same as Contact / Audio Output Settings)" > <a href="#">P.257</a> will be shown.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Built-in Speaker for communication and paging</li> <li>• Audio Output for communication and paging</li> <li>• Built-in Speaker for communication, Audio Output for paging</li> </ul>
<b>Default values</b>	Built-in Speaker for communication and paging

## 6.5. Network Camera Integration (Master Station only)

### 6.5.1. Network Camera Profile



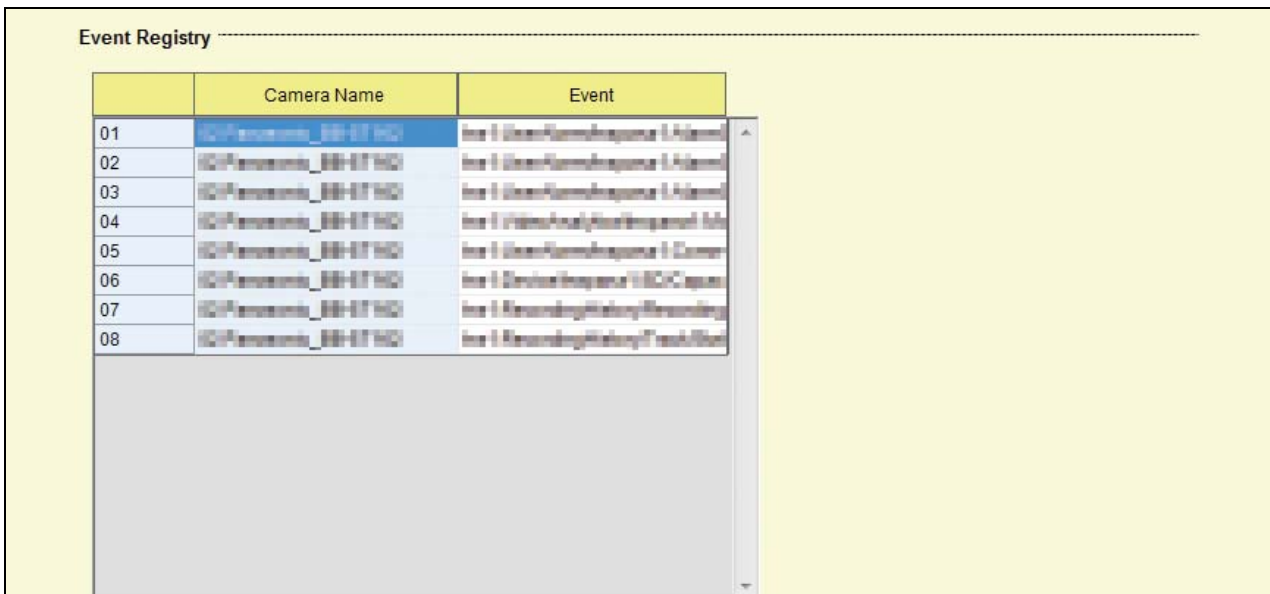
#### ■ Network Camera Registry

For how to register a network camera, refer to "3.2.2. Network Camera List" > [P.224](#).

### 6.5.2. Event Registry

Register the events from the network cameras. When an event is received, the event tone will sound and monitoring is started.

To configure the settings, register a network camera in "■ Network Camera Registry" > [P.138](#).



	Camera Name	Event
01	ICIPermons_BB-EF HQ	for I OpenResponse I Alarm
02	ICIPermons_BB-EF HQ	for I OpenResponse I Alarm
03	ICIPermons_BB-EF HQ	for I OpenResponse I Alarm
04	ICIPermons_BB-EF HQ	for I VideoAnalysisResponse I Ab
05	ICIPermons_BB-EF HQ	for I OpenResponse I Cover
06	ICIPermons_BB-EF HQ	for I DeviceResponse I ICCAppe
07	ICIPermons_BB-EF HQ	for I RecordingHistoryRecording
08	ICIPermons_BB-EF HQ	for I RecordingHistoryTrackStat

#### ■ Camera Name

<b>Description</b>	Select the network camera for which an event is to be registered. This is enabled when a network camera is registered in "3.2.2. Network Camera List" > <a href="#">P.224</a> .
<b>Settings</b>	-
<b>Default values</b>	-

## ■ Event

<b>Description</b>	Select the content of the event for the network cameras. This is enabled when a network camera is registered in "3.2.2. Network Camera List" > <a href="#">P.224</a> and the event information can be obtained from it. The Event is automatically obtained when a camera is registered in the network camera list. For details of the Event, refer to the manual of the network camera.
<b>Settings</b>	-
<b>Default values</b>	-

## ■ Network Camera Event Tone ♠

<b>Description</b>	Select the event tone for the network cameras.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Call pattern 1</li> <li>• Call pattern 2</li> <li>• Call pattern 3</li> <li>• Call pattern 4</li> <li>• Call pattern 5</li> <li>• Call pattern 6</li> <li>• Tremolo sound</li> <li>• Busy tone</li> <li>• On-hold tone</li> <li>• Operation sound</li> <li>• Error sound</li> <li>• Sound registered in "3.4. Custom Sound Registry" &gt; <a href="#">P.234</a></li> </ul>
<b>Default values</b>	Call pattern 3

## ■ Event Tone Count [time(s)] ♠

<b>Description</b>	Set the Event Tone Count for the network cameras.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Infinite: Ringing continues until the event is terminated.</li> <li>• 1-20 times</li> </ul>
<b>Default values</b>	1

## 6.6. E-mail Settings

Configure this section when e-mail notification of station operation is required.

When configuring this section, also configure "2.2. DNS" [▶ P.209](#).

### 6.6.1. Server Settings

#### ■ SMTP Server ♠

<b>Description</b>	Set the SMTP server. When choosing IPv4 address, enter IP address or the host name. When choosing IPv6 address, enter the host name.
<b>Settings</b>	1-255 alphanumeric characters
<b>Default values</b>	-

#### ■ SMTP Port ♠

<b>Description</b>	Enter the Port to be used for SMTP.
<b>Settings</b>	1-65535
<b>Default values</b>	25

#### ■ SMTP Encryption ♠

<b>Description</b>	Enter the SMTP Encryption method.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• OFF</li> <li>• TLS</li> <li>• STARTTLS</li> </ul>
<b>Default values</b>	OFF

## 6.6.2. Authentication Settings

Authentication Settings	
SMTP Authentication: ▲	OFF ▼
Mode: ▲	LOGIN ▼
ID: ▲	<input type="text"/>
Password: ▲	<input type="password"/>

1-64 alphanumeric characters  
1-64 alphanumeric characters

### ■ SMTP Authentication ▲

<b>Description</b>	Enable SMTP authentication.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• OFF</li> <li>• ON</li> </ul>
<b>Default values</b>	OFF

### ■ Mode ▲

<b>Description</b>	Select the SMTP authentication mode.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• LOGIN</li> <li>• CRAM-MD5</li> </ul>
<b>Default values</b>	LOGIN

### ■ ID ▲

<b>Description</b>	Select the ID for SMTP authentication.
<b>Settings</b>	1-64 alphanumeric characters
<b>Default values</b>	-





### ■ Password ▲

<b>Description</b>	Select the password for SMTP authentication.
<b>Settings</b>	1-64 alphanumeric characters
<b>Default values</b>	-

#### Point

■ "Password" will be displayed as "\*\*\*\*\*" on the screen.

### 6.6.3. E-mail Addresses

E-mail Addresses	
Destination 1: 	<input type="text"/> 1-64 alphanumeric characters
Destination 2: 	<input type="text"/> 1-64 alphanumeric characters
Destination 3: 	<input type="text"/> 1-64 alphanumeric characters
Source Address: 	<input type="text"/> 1-64 alphanumeric characters

#### Destination 1

<b>Description</b>	Set the e-mail address.
<b>Settings</b>	1-64 alphanumeric characters
<b>Default values</b>	-

#### Destination 2

<b>Description</b>	Set the e-mail address.
<b>Settings</b>	1-64 alphanumeric characters
<b>Default values</b>	-

#### Destination 3

<b>Description</b>	Set the e-mail address.
<b>Settings</b>	1-64 alphanumeric characters
<b>Default values</b>	-

#### Source Address

<b>Description</b>	Set the source e-mail address.
<b>Settings</b>	1-64 alphanumeric characters
<b>Default values</b>	-

### 6.6.4. E-mail Event Trigger

Set the e-mail event trigger which initiates a message sending process. Configure the e-mail event trigger for each Destination Address.

E-mail Event Trigger

Event	Destination Address		
	(1)	(2)	(3)
Normal call	Disable	Disable	Disable
Priority call	Disable	Disable	Disable
Urgent call	Disable	Disable	Disable
Door Release Activated	Disable	Disable	Disable
Call Failed	Disable	Disable	Disable
Error Occurred	Disable	Disable	Disable
Station Restart	Disable	Disable	Disable
Periodic Log Transmission	Disable	Disable	Disable
Periodic Log Transmit Time	00 Hour 00 Minute	00 Hour 00 Minute	00 Hour 00 Minute
Periodic Log Transmit Interval	1 day	1 day	1 day

[UTF-8] used for 'Subject' encoding; the subject may be garbled depending on mail server.

Event	Subject Text ▲ 1-64 alphanumeric characters
Normal call	<input type="text"/>
Priority call	<input type="text"/>
Urgent call	<input type="text"/>
Door Release Activated	<input type="text"/>
Call Failed	<input type="text"/>
Error Occurred	<input type="text"/>
Station Restart	<input type="text"/>
Periodic Log Transmission	<input type="text"/>

#### ■ Normal call

<b>Description</b>	An e-mail message will be sent when a normal call is made.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Enable</li> <li>• Disable</li> </ul>
<b>Default values</b>	Disable

#### ■ Priority call

<b>Description</b>	An e-mail message will be sent when a priority call is made.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Enable</li> <li>• Disable</li> </ul>
<b>Default values</b>	Disable



## ■ Urgent call

<b>Description</b>	An e-mail message will be sent when an urgent call is made.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Enable</li> <li>• Disable</li> </ul>
<b>Default values</b>	Disable

## ■ Door Release Activated (Master Station only)

<b>Description</b>	An e-mail message will be sent when the door is released.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Enable</li> <li>• Disable</li> </ul>
<b>Default values</b>	Disable

## ■ Call Failed

<b>Description</b>	An e-mail message will be sent when a call fails.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Enable</li> <li>• Disable</li> </ul>
<b>Default values</b>	Disable

## ■ Error Occurred

<b>Description</b>	An e-mail message will be sent when a data communication error occurs.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Enable</li> <li>• Disable</li> </ul>
<b>Default values</b>	Disable

## ■ Station Restart

<b>Description</b>	An e-mail message will be sent when the station is restarted.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Enable</li> <li>• Disable</li> </ul>
<b>Default values</b>	Disable

## ■ Periodic Log Transmission

<b>Description</b>	System log will be regularly sent via e-mail.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Enable</li> <li>• Disable</li> </ul>
<b>Default values</b>	Disable

## ■ Periodic Log Transmit Time

<b>Description</b>	Set when to send out the log via e-mail.
<b>Settings</b>	00:00-23:59
<b>Default values</b>	00:00

## ■ Periodic Log Transmit Interval

<b>Description</b>	Set how often the log will be sent via e-mail.
<b>Settings</b>	Every 1-7 days
<b>Default values</b>	1 day

## ■ Subject Text

<b>Description</b>	Set the subject text of e-mail message for each trigger.
<b>Settings</b>	1-64 alphanumeric characters
<b>Default values</b>	-

### Caution

UTF-8 encoding is used for the "Subject Text." Depending on the e-mail client, the characters may appear incorrectly.

## 6.6.5. Additional Settings (Video Door Station only)

**Additional Settings** -----

[UTF-8] used for 'Attachment Image Filename' encoding; the filename may be garbled depending on mail server.

Attach Image: ▲  Enable  Disable Video Door Station Only  
If set to [Enable], an image will be attached when sending "Normal Call", "Priority Call", or "Urgent Call".

Attachment Image Filename: ▲  1-64 alphanumeric characters

## ■ Attach Image ▲

<b>Description</b>	Choose to attach an image file captured with Video Door Station camera to the e-mail message when a Normal/Priority/Urgent call triggers "6.6.4. E-mail Event Trigger" <a href="#">▶ P.264</a> .
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Enable</li> <li>• Disable</li> </ul>
<b>Default values</b>	Disable

## ■ Attachment Image Filename ▲

<b>Description</b>	Set the name of the image file when "■ Attach Image" is enabled.
<b>Settings</b>	1-64 alphanumeric characters
<b>Default values</b>	-

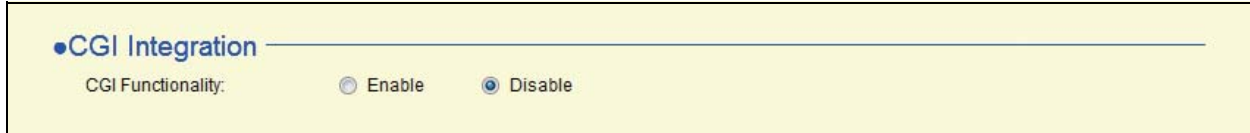
### Caution

UTF-8 encoding is used for the "■ Attachment Image Filename." Depending on the e-mail client, the characters may appear incorrectly.

## 6.7. CGI Integration

CGI integration allows 3rd party hardware / software to control basic functionality of the IX devices.

For the details of CGI functionality, contact the local Aiphone representative.



### ■ CGI Functionality

<b>Description</b>	Enable CGI functionality.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Enable</li> <li>• Disable</li> </ul>
<b>Default values</b>	Disable

## 6.8. SIF Integration

SIF protocol allows event data to be sent directly to 3rd party hardware / software.

For the details of SIF functionality, contact the local Aiphone representative.



### ■ SIF Functionality

<b>Description</b>	Enable SIF functionality.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Enable</li> <li>• Disable</li> </ul>
<b>Default values</b>	Disable

### 6.8.1. SIF Communication Settings (sif.ini)

<b>Description</b>	Upload/Download SIF communication settings. Upload:Click <input type="button" value="Browse"/> , select a file, and click <input type="button" value="Upload"/> . Download:Click <input type="button" value="Download"/> to save the file.
<b>Settings</b>	-
<b>Default values</b>	-

### 6.8.2. SIF Parameter Settings (sif\_conf.ini)

<b>Description</b>	Upload/Download SIF parameter settings. Upload:Click <input type="button" value="Browse"/> , select a file, and click <input type="button" value="Upload"/> . Download:Click <input type="button" value="Download"/> to save the file.
<b>Settings</b>	-
<b>Default values</b>	-

## 7. Transfer Schedule

### 7.1. Absent Transfer Settings (Master Station only)

Configure the settings for absent transfer.

Absent transfer: A call can be automatically transferred to another station when absent.

◆ Required Settings

● **Absent Transfer Settings**

Absent Transfer:       Disable       Enable

Transfer to Station Number:                  3-5 digits

#### ■ Absent Transfer

<b>Description</b>	Enable absent transfer feature. If "■ Transfer Destination," is not set, this feature cannot be enabled. Change the settings by pressing "Transfer" button on Master Station.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Disable</li> <li>• Enable</li> </ul>
<b>Default values</b>	Disable

#### ■ Transfer to Station Number

<b>Description</b>	Set the transfer destination. Enter the station number, or click <input type="button" value="Open Station List"/> to choose one.
<b>Settings</b>	3-5 digits
<b>Default values</b>	-

#### Caution

The "Transfer to Station Number" can be set to a door station, however only an individual master to master call can be transferred. Door station calls cannot be transferred to another door station.

## 7.2. Delay Transfer Settings (Master Station only)

Configure the settings for delay transfer.

Delay transfer: A call can be automatically transferred to another station after a certain period of time (delay time) elapses.

• Delay Transfer Settings

Delay Transfer:  Disable  Enable

Delay Time [sec]:  1-300sec

Transfer to Station Number:  Open Station List 3-5 digits

### ■ Delay Transfer

<b>Description</b>	Enable delay transfer feature. If "■ Transfer Destination," is not set, this feature cannot be enabled.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Disable</li> <li>• Enable</li> </ul>
<b>Default values</b>	Disable

### ■ Delay Time [sec] ◆

<b>Description</b>	Set the delay time for transferring a call when delay transfer is enabled.
<b>Settings</b>	1-300 sec (by 1 sec)
<b>Default values</b>	30 sec

### ■ Transfer to Station Number

<b>Description</b>	Set the destination station (station number) for a delayed transfer. Enter the station number, or click <input type="button" value="Open Station List"/> to choose one.
<b>Settings</b>	3-5 digits
<b>Default values</b>	-

#### Caution

The "Transfer to Station Number" can be set to a door station, however only an individual master to master call can be transferred. Door station calls cannot be transferred to another door station.

## 7.3. Transfer Schedule Settings (Master Station only)

Configure the settings for transfer schedule.

Transfer schedule: A call can be automatically transferred to another station when a call comes in during the time period set up in the weekly schedule.

**Transfer Schedule Settings**

Transfer Schedule:  Disable  Enable

Transfer to Station Number:   3-5 digits

**Weekly Schedule**

Day	Start Time		End Time	
Sunday	<input type="text"/> Hour <input type="text"/> Minute	<input type="text"/> Hour <input type="text"/> Minute	<input type="text"/> Hour <input type="text"/> Minute	<input type="text"/> Hour <input type="text"/> Minute
Monday	<input type="text"/> Hour <input type="text"/> Minute	<input type="text"/> Hour <input type="text"/> Minute	<input type="text"/> Hour <input type="text"/> Minute	<input type="text"/> Hour <input type="text"/> Minute
Tuesday	<input type="text"/> Hour <input type="text"/> Minute	<input type="text"/> Hour <input type="text"/> Minute	<input type="text"/> Hour <input type="text"/> Minute	<input type="text"/> Hour <input type="text"/> Minute
Wednesday	<input type="text"/> Hour <input type="text"/> Minute	<input type="text"/> Hour <input type="text"/> Minute	<input type="text"/> Hour <input type="text"/> Minute	<input type="text"/> Hour <input type="text"/> Minute
Thursday	<input type="text"/> Hour <input type="text"/> Minute	<input type="text"/> Hour <input type="text"/> Minute	<input type="text"/> Hour <input type="text"/> Minute	<input type="text"/> Hour <input type="text"/> Minute
Friday	<input type="text"/> Hour <input type="text"/> Minute	<input type="text"/> Hour <input type="text"/> Minute	<input type="text"/> Hour <input type="text"/> Minute	<input type="text"/> Hour <input type="text"/> Minute
Saturday	<input type="text"/> Hour <input type="text"/> Minute	<input type="text"/> Hour <input type="text"/> Minute	<input type="text"/> Hour <input type="text"/> Minute	<input type="text"/> Hour <input type="text"/> Minute

### Transfer Schedule

<b>Description</b>	Enable transfer schedule feature. If "Transfer Destination," is not set, this feature cannot be enabled.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Disable</li> <li>• Enable</li> </ul>
<b>Default values</b>	Disable

### Transfer to Station Number

<b>Description</b>	Set the destination station (station number) for a scheduled transfer. Enter the station number, or click <input type="button" value="Open Station List"/> to choose one.
<b>Settings</b>	3-5 digits
<b>Default values</b>	-

#### Caution

The "Transfer to Station Number" can be set to a door station, however only an individual master to master call can be transferred. Door station calls cannot be transferred to another door station.

## 7.3.1. Weekly Schedule

### ■ From Sunday through Saturday

<b>Description</b>	Set the schedule for transfer schedule feature. A call is transferred when placed during this time.
<b>Settings</b>	Each day of the week 00:00-23:59 * Depending on how the time is chosen, the time period may cover two days of the week. Example:Monday 22:00-8:00 This means the transferring is enabled for the time period between 22:00 Monday and 8:00 Tuesday.
<b>Default values</b>	-



## 8. Station Hardware Settings

### 8.1. Speed Dial Button Settings (Master Station only)

#### 8.1.1. Destination Assignment

Configure the settings for Speed Dial buttons of Master Station.

◆ Required Settings

◆ Speed Dial Button Settings

Destination Assignment

Button #	Mode Selection	Group Number <small>01-99</small>	Station Number <small>3-5 digits</small>	Priority
1	<input type="text"/>	<input type="text"/> <input type="button" value="Open Group List"/>	<input type="text"/> <input type="button" value="Open Station List"/>	<input type="text"/>
2	<input type="text"/>	<input type="text"/> <input type="button" value="Open Group List"/>	<input type="text"/> <input type="button" value="Open Station List"/>	<input type="text"/>
3	<input type="text"/>	<input type="text"/> <input type="button" value="Open Group List"/>	<input type="text"/> <input type="button" value="Open Station List"/>	<input type="text"/>
4	<input type="text"/>	<input type="text"/> <input type="button" value="Open Group List"/>	<input type="text"/> <input type="button" value="Open Station List"/>	<input type="text"/>
5	<input type="text"/>	<input type="text"/> <input type="button" value="Open Group List"/>	<input type="text"/> <input type="button" value="Open Station List"/>	<input type="text"/>
6	<input type="text"/>	<input type="text"/> <input type="button" value="Open Group List"/>	<input type="text"/> <input type="button" value="Open Station List"/>	<input type="text"/>

#### ■ Mode Selection

<b>Description</b>	Select the calling mode to be assigned to each Speed Dial button.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Blank: Not used</li> <li>• Group call</li> <li>• Individual Call</li> <li>• Group page</li> <li>• All Page</li> </ul>
<b>Default values</b>	Blank

#### ■ Group Number

<b>Description</b>	When selecting "Group call" or "Group page" in "■ Mode Selection," a group number must be set. Enter the group number, or click <input type="button" value="Open Group List"/> to choose one.
<b>Settings</b>	01-99
<b>Default values</b>	-

#### ■ Station Number

<b>Description</b>	When selecting "Individual Call" in "■ Mode Selection," a station number must be set. Enter the station number, or click <input type="button" value="Open Station List"/> to choose one.
<b>Settings</b>	3-5 digits
<b>Default values</b>	-

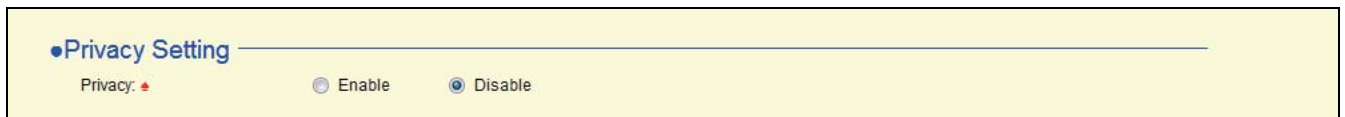
## ■ Priority

<b>Description</b>	Select the Priority to be assigned to each Speed Dial button.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Normal</li> <li>• Priority (When selecting "Group page" or "All Page" in "■Mode Selection," this option cannot be selected.)</li> <li>• Urgent</li> </ul>
<b>Default values</b>	-

## 8.2. Privacy Setting (Master Station only)

Configure the settings for privacy.

Privacy: This feature prevents outgoing audio from being heard when automatic answering feature is enabled.



## ■ Privacy ♠

<b>Description</b>	<p>Enable privacy.</p> <p>Change the settings by pressing "Privacy" button on Master Station.</p>
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Enable</li> <li>• Disable</li> </ul>
<b>Default values</b>	Disable

## 8.3. Volume Settings

### 8.3.1. Volume Settings

Configure the settings for Volume.

**Volume Settings**

---

**Volume Settings**

Handset Transmit Volume:

Handset Receive Volume:

Hands-free Transmit Volume:

Hands-free Receive Volume:

Transmit Volume:

Receive Volume:

Ringtone Volume:

Button Feedback Tone:  Enable  Disable

#### ■ Handset Transmit Volume (Master Station only)

<b>Description</b>	Set the transmit volume of the handset for communication or paging.
<b>Settings</b>	1 (Low) - 10 (High)
<b>Default values</b>	10

#### ■ Handset Receive Volume (Master Station only)

<b>Description</b>	Set the receive volume of the handset for communication.
<b>Settings</b>	1 (Low) - 10 (High)
<b>Default values</b>	6

#### ■ Hands-free Transmit Volume (Master Station only)

<b>Description</b>	Set the hands-free transmit volume for communication or paging.
<b>Settings</b>	1 (Low) - 10 (High)
<b>Default values</b>	10

#### ■ Hands-free Receive Volume (Master Station only)

<b>Description</b>	Set the hands-free receive volume for communication. The volume for ringback tone will be changed as well.
<b>Settings</b>	1 (Low) - 10 (High)
<b>Default values</b>	6

## ■ Transmit Volume (Door Station only)

<b>Description</b>	Set the audio volume for communication or monitoring.
<b>Settings</b>	1 (Low) - 10 (High)
<b>Default values</b>	10

## ■ Receive Volume (Door Station only)

<b>Description</b>	Set the receive volume for communication or paging. The volume for ringback tone will be changed as well.
<b>Settings</b>	1 (Low) - 10 (High)
<b>Default values</b>	10

## ■ Ringtone Volume

<b>Description</b>	Set the ringtone and pretone volume.
<b>Settings</b>	0 (Off), 1 (Low) - 10 (High)
<b>Default values</b>	Master Station: 6; Door Station: 10

## ■ Button Feedback Tone (Master Station only)

<b>Description</b>	Enable tone when a button is pressed. Disable tone when the "Ringtone Volume" is set "0".
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Enable</li> <li>• Disable</li> </ul>
<b>Default values</b>	Disable

## 8.4. Communication Settings

Configure the settings for a call.

**•Communication Settings**

Talk Timeout [sec]: ◆▲  30-600 sec, Infinite (No timeout)

Force Push-to-talk:  Enable  Disable

### ■ Talk Timeout [sec] ◆▲

<b>Description</b>	Set the talk timeout.
<b>Settings</b>	<ul style="list-style-type: none"> <li>Infinite (Door Station only): Communication continues until the communication is terminated.</li> <li>30-600 sec (by 1 sec)</li> </ul>
<b>Default values</b>	60

### ■ Force Push-to-talk (Master Station only)

<b>Description</b>	Enable the force push-to-talk feature.
<b>Settings</b>	<ul style="list-style-type: none"> <li>Enable</li> <li>Disable</li> </ul>
<b>Default values</b>	Disable

## 8.5. Monitor Setting (Master Station only)

Configure the settings for the monitor function.

Monitor function: Monitor video and audio of Door Stations, and a network camera from Master Station.

**•Monitor Setting**

Monitor Timeout [sec]: ◆▲  10-600 sec

### ■ Monitor Timeout [sec] ◆▲

<b>Description</b>	Set the monitor timeout.
<b>Settings</b>	10-600 sec (by 1 sec)
<b>Default values</b>	60

## 8.6. Master Station Display Settings (Master Station only)

Configure the settings for Master Station display.

**Master Station Display Settings**

Brightness:

Time Format:

Standby LED State:  ON  OFF

### ■ Brightness

<b>Description</b>	Set the brightness of the monitor.
<b>Settings</b>	1 (Dark) - 10 (Bright)
<b>Default values</b>	6

### ■ Time Format ♠

<b>Description</b>	Select the time format for the display on the station.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• mm/dd/yyyy (12h)</li> <li>• mm/dd/yyyy (24h)</li> <li>• dd/mm/yyyy (12h)</li> <li>• dd/mm/yyyy (24h)</li> <li>• yyyy/mm/dd (12h)</li> <li>• yyyy/mm/dd (24h)</li> </ul>
<b>Default values</b>	mm/dd/yyyy (12h)

### ■ Standby LED State ♠

<b>Description</b>	Set to keep the Status indicator on while the station is in standby.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• ON</li> <li>• OFF</li> </ul>
<b>Default values</b>	ON

## 8.7. Camera settings (Video Door Station only)

Configure the settings for Video Door Station camera.

### 8.7.1. Environmental Settings

● **Camera Settings**

**Environmental Settings**

Backlight Compensation Adjustment: ▲  Enable  Disable

Low Light Sensitivity Adjustment: ▲  Enable  Disable

#### ■ Backlight Compensation Adjustment ▲

<b>Description</b>	Enable the backlight compensation adjustment. When "ADJUST" button of Master Station is pressed during a call or monitoring, the setting will be changed.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Enable</li> <li>• Disable</li> </ul>
<b>Default values</b>	Disable

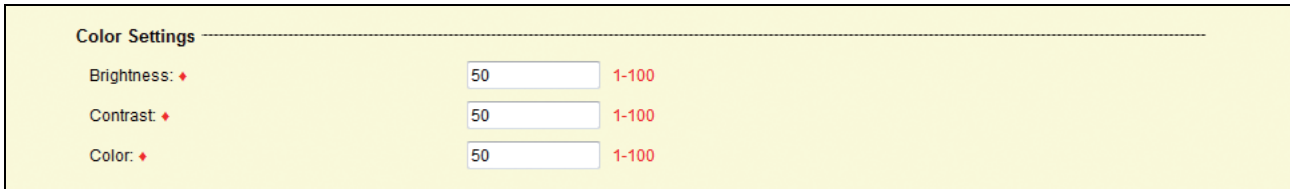
#### ■ Low Light Sensitivity Adjustment ▲

<b>Description</b>	Enable the automatic low light sensitivity adjustment function when the ambient lighting is dark. When "ADJUST" button of Master Station is pressed during a call or monitoring, the setting will be changed.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Enable</li> <li>• Disable</li> </ul>
<b>Default values</b>	Disable

## 8.7.2. Color Settings

**Caution**

If these settings are changed while video is displayed, the changes will not be reflected until the video is accessed again.



### ■ Brightness ◆

<b>Description</b>	Set the brightness of the picture.
<b>Settings</b>	1 (Dark) to 100 (Bright)
<b>Default values</b>	50

### ■ Contrast ◆

<b>Description</b>	Set the contrast of the picture.
<b>Settings</b>	1 (Weak) to 100 (Strong)
<b>Default values</b>	50

### ■ Color ◆

<b>Description</b>	Set the color of the picture.
<b>Settings</b>	1 (Weak) to 100 (Strong)
<b>Default values</b>	50



### 8.7.3. LED Illumination Control

**LED Illumination Control**

During Call / Communication:  Enable  Disable

While Monitored:  Enable  Disable

#### ■ During Call / Communication ♣

<b>Description</b>	Activate LED illumination during communication when the ambient lighting is dark.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Enable</li> <li>• Disable</li> </ul>
<b>Default values</b>	Enable

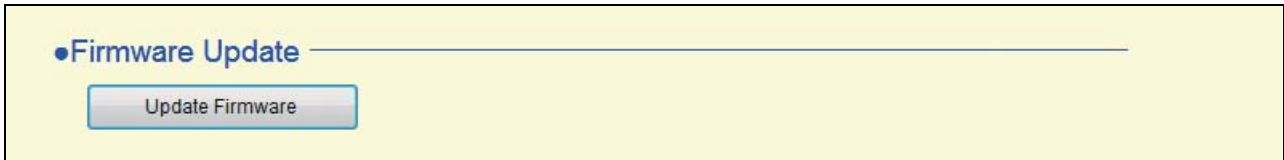
#### ■ While Monitored ♣

<b>Description</b>	Activate LED illumination while being monitored when the ambient lighting is dark.
<b>Settings</b>	<ul style="list-style-type: none"> <li>• Enable</li> <li>• Disable</li> </ul>
<b>Default values</b>	Disable

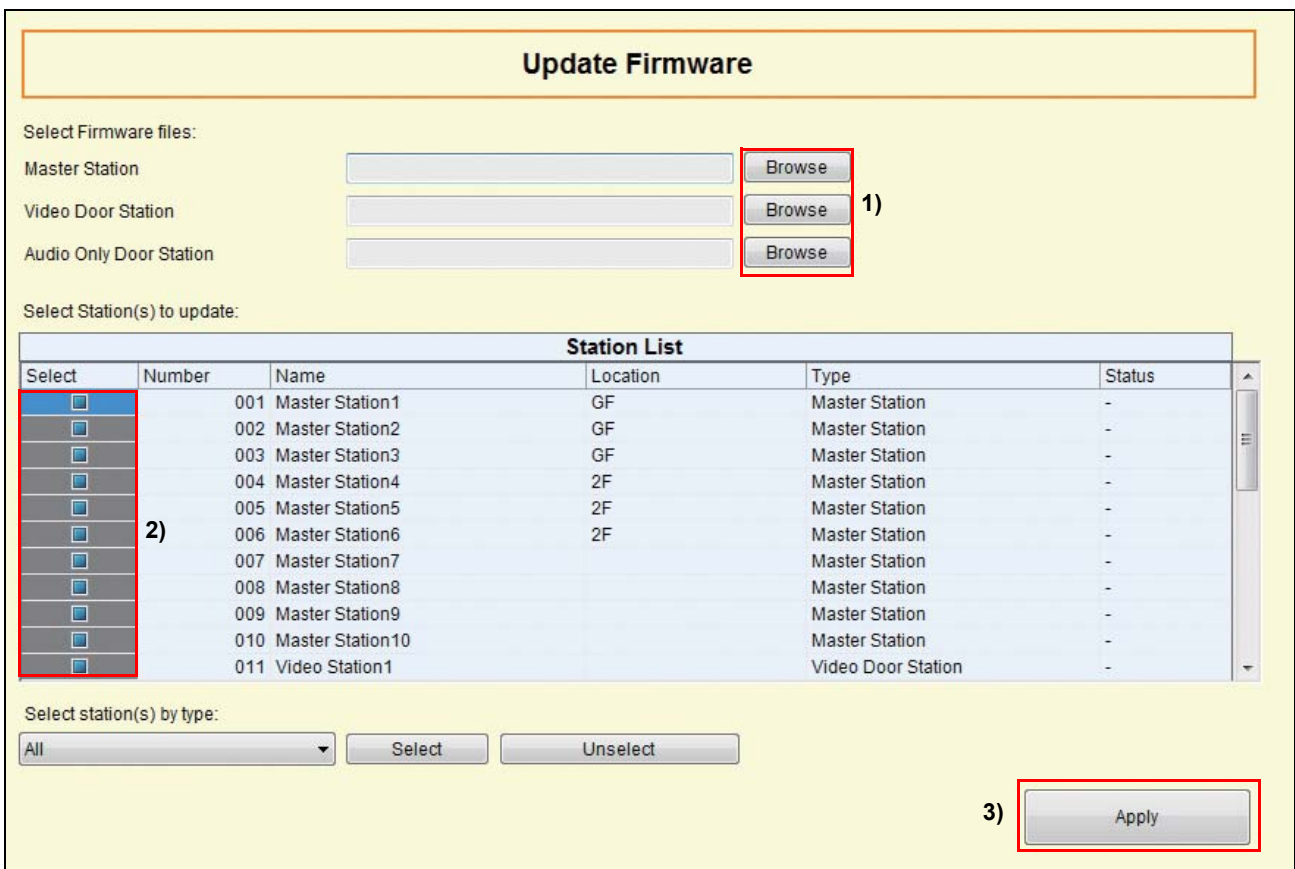
## 9. Maintenance

### 9.1. Firmware Update

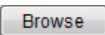
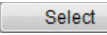

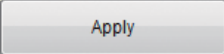
Access our Web site "<http://www.aiphone.net/>" to download the latest version of the firmware. For how to download, refer to our Web site.



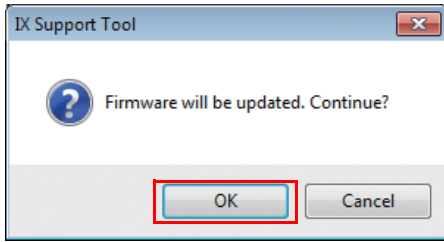
Click , the "Firmware Update" window will be shown.



#### How to update the firmware

- 1) Click  and select the firmware file to be downloaded for each station.
- 2) Check the station whose firmware is to be updated.
  - To select or unselect the stations in a batch, choose the station type for a batch selection and click  or .
- 3) Click .
  - The firmware update may take approximately ten minutes per station.

4) Click .



### Caution

- If power is turned off while updating the firmware, the station may malfunction.
- The station will be inoperable while updating the firmware.
- When the firmware is updated, the station will be automatically restarted.

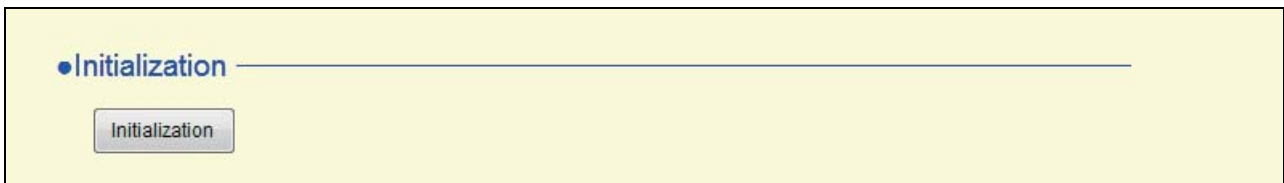
### Point

If updating fails, repeat the procedure.

## 9.2. Initialization

When initializing the station, all settings go back to the default values, and the system log and incoming/outgoing call history are erased.

Stations are also deleted from the settings in IX Support Tool.



### How to initialize the station

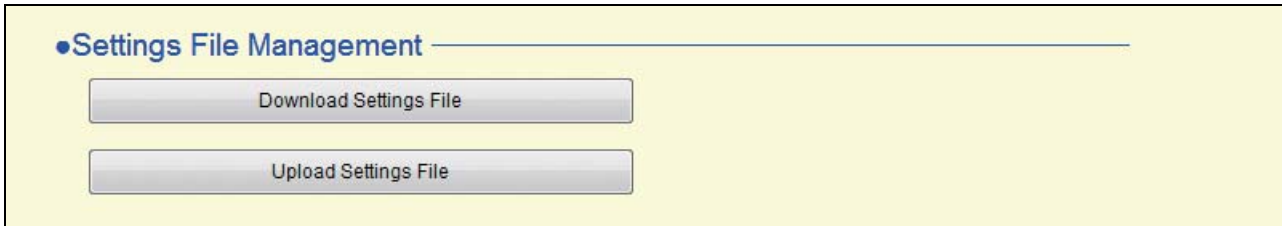
Click , the initialization will be started.

### Caution

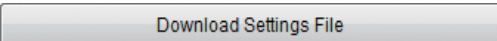
**In some cases, it may take around 10 minutes for the station to start up after initialization. The station will be inoperable until restarting is completed.**

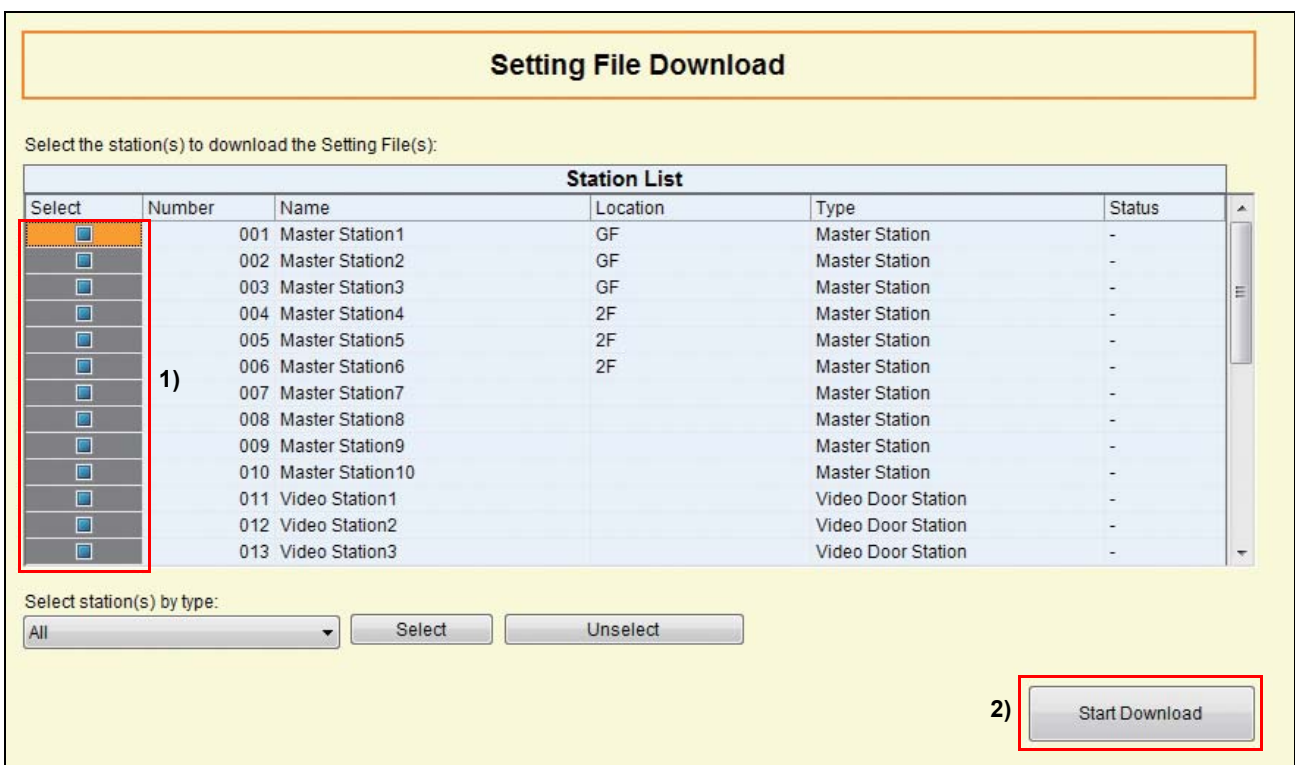
## 9.3. Settings File Management

This feature downloads or uploads the setting data from or to a station.

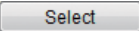
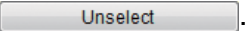
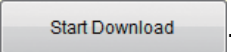
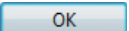
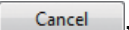


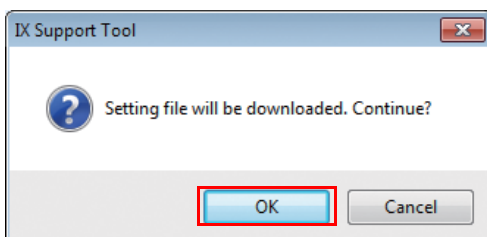
### 9.3.1. Setting File Download

Click , the "Setting File Download" window will be shown.



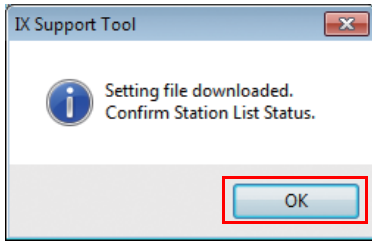
#### How to store the Settings File

- 1) Check the station whose settings are to be stored.
  - To select or unselect the stations in a batch, choose the station type for a batch selection and click  or .
- 2) Click .
- 3) Click .
  - When clicking , the screen goes back to "Setting File Download."



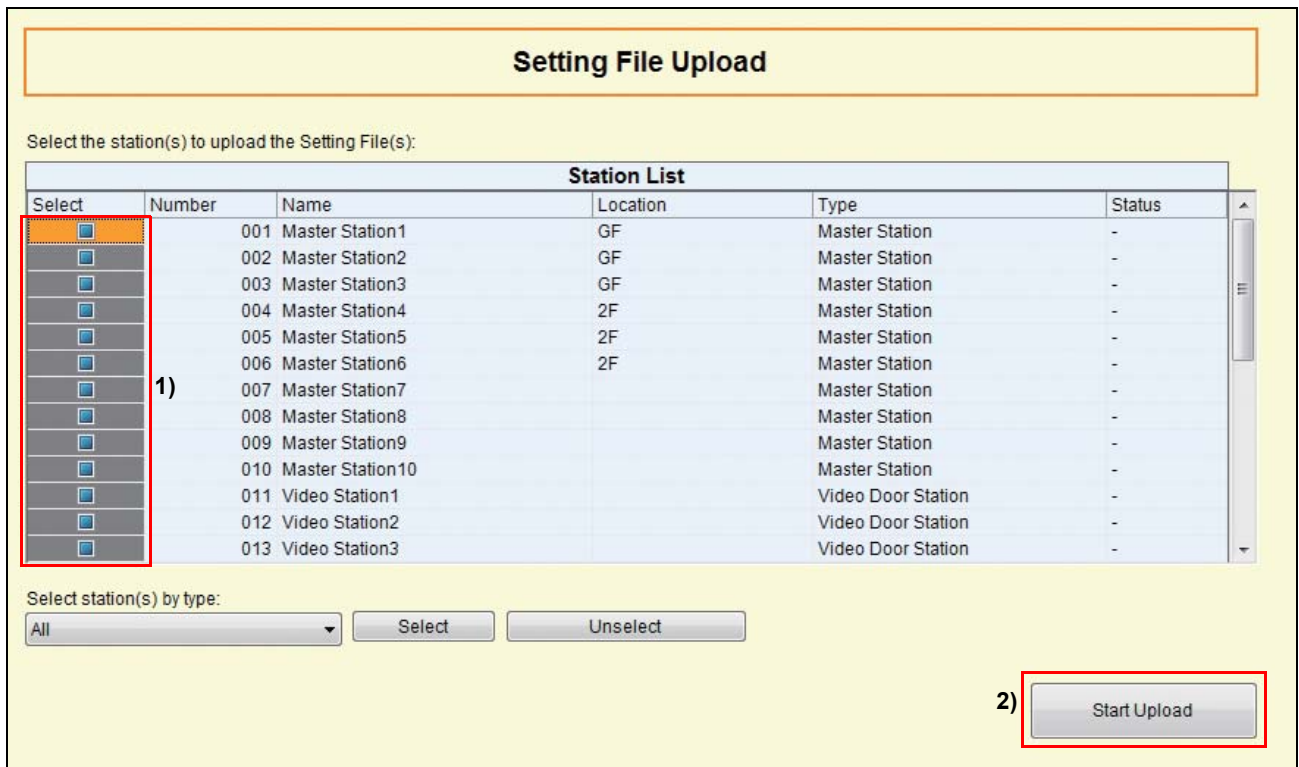
4) Click .

- The downloaded files are stored at "SupportTool" > "SystemData" > "(System name chosen)" > "Setting\_ForUser" as "Config-(Station Number)-(yyyy.mm.dd.hh.mm.ss).txt" for each station.



### 9.3.2. Setting File Upload

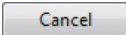
Click , the "Setting File Upload" window will be shown.

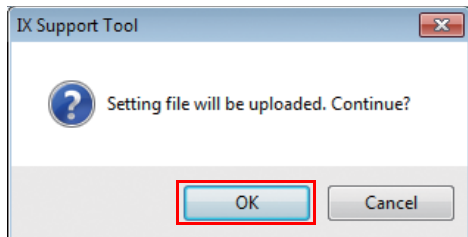


#### How to upload the Settings File

- Check  of the station whose settings file is to be uploaded in "Station List."
  - To select or unselect the stations in a batch, choose the station type for a batch selection and click  or .
  - A station which is not associated cannot be selected. "4.2. Association Settings" ► [P.97](#).
- Click .

3) Click .

- When clicking , the screen goes back to "Setting File Upload" without uploading the file.



4) Click .

- The result will be shown in "Status" in "Station List."  
Uploading: The Setting File is in the process of uploading.  
Success: Upload is completed.  
Failed: Upload failed.

