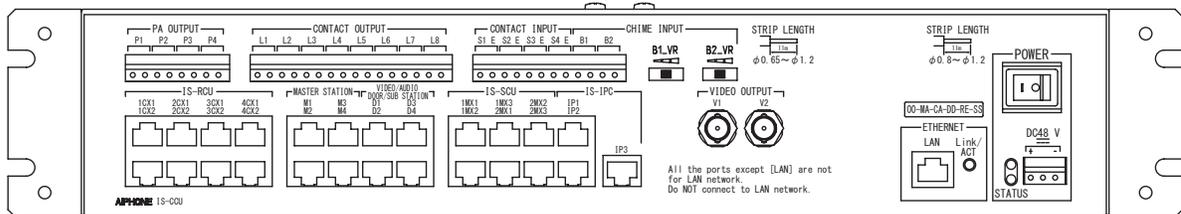


IS SERIES

Local System

QuikStart Programming Guide

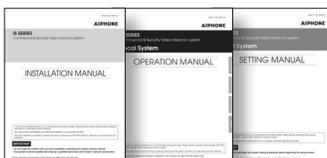


Programming Videos

How-To




Video Link



ATTENTION:

This is an abbreviated programming manual, addressing basic program settings for an IS Series Local System. A complete set of instructions (*IS Series Installation Manual / IS Series Operation Manual / IS Series Settings Manual*) can be found on the CD provided with the IS-CCU Central Control Unit.

GENERAL OVERVIEW:

All steps are **REQUIRED** for programming the system unless marked **OPTIONAL**. Refer to the IS Local System Setting Manual on the CD included with the IS-CCU for complete programming information.

IMPORTANT:

If this IS-CCU will be used with an IS-IPC, please refer to the IS-IP Setting Manual for programming instructions.

- Step 1:** Change PC Network Settings (*OPTIONAL*)
- Allows the PC to communicate with the IS-CCU.
- Step 2:** Log in to the IS-CCU
- Entering name and password for the first time.
- Step 3:** Change Network Settings (*OPTIONAL*)
- Putting the IS-CCU on the network for ease of programming.
(Refer to the IS Series Local Setting Manual when using a IPV6 network)
- Step 4:** Change Administrator Settings (*OPTIONAL*)
- Creating a new name and password.
- Step 5:** Register Paging Zones (*OPTIONAL*)
- Creating paging zone name(s).
- Step 6:** Control Unit Composition
- Defining what control units are in the system.
- Step 7:** Register Stations
- Defining what stations are in the system by assigning station numbers and names.
- Step 8:** Advanced Station Settings
- Defining which doors/subs call which masters.
- Step 9:** Zone Setting (*OPTIONAL*)
- Defining which stations will be in each paging zone.
- Step 10:** Time and Date Setting
- Updating the time and date displayed on the master(s).
- Step 11:** Updating the System
- Uploading all settings to the IS-CCU.

Step 1: Change Network Settings (*OPTIONAL*)

The IS-CCU default IP address is https://192.168.0.30. The PC will need to be set in the same subnet in order to connect to the IS-CCU.

A. Open **Control Panel**

- Windows XP® (Classic View) → **Network Connections** → Double click **Local Area Connection** to open **Connection Status** window.
- Windows 7® (Category View) → **Network and Internet** → **View network status and tasks** → Click **Local Area Connection** to open the **Local Area Connection Status** window.

B. Click the **Properties** button to open **Local Area Connection Properties** window.

C. Scroll down and left click **Internal Protocol (TCP/IP)** then click **Properties** button to open **Internet Protocol Properties** window.

D. Select the **Use the following IP address** radio button. Type in the IP address 192.168.0.100 (the last number can be any valid host address except 30) and change the subnet mask to 255.255.255.0. Click [OK].

E. Click [OK] in **Connection Properties** window to accept these changes.

Step 2: Log in to IS-CCU

Step 1



- Open a web browser and point the address bar to **https://192.168.0.30** and hit Enter.
Note: ensure that https (for security) is being used in the address bar.
- A security certificate error message will appear. Click “Continue to this website.”
- Choose preferred language (see **Figure 2.1**).
- Log in to the unit using the default administrator ID “aiphone”, and default password “aiphone” (see **Figure 2.2**).

Figure 2.1: Language Selection

English
Français
Deutsch
Español
Nederlands
Italiano
日本語

Figure 2.2: Log in

Enter the administrator ID and password.

ID

Password

Login

- When **System configuration** appears, ensure that **Local system** is checked under (see **Figure 2.3**). If it is not, check the **Local system** radio button and click **Temporarily stored** to save the setting.

Figure 2.3: System Configuration

SYSTEM INSTALLATION MENU

System configuration
Network setting
Administrator setting
System setting
Area registration
Zone registration (Optional: Paging, Chime)
Control units composition (Optional: Expand
Registering stations
Advanced station settings

Temporarily stored

System configuration

Local system Standard system (IP system)

IMPORTANT:

When changes are made while programming, click **Temporarily stored** to save data prior to leaving each screen. The saved data will be applied to the system when the system is updated.

Step 3: Change Network Settings (OPTIONAL)

Step 2



- Select **Network setting** from the menu on left.
- The default option is DHCP. Aiphone recommends assigning a static IP address by clicking the **Static IP Address** radio button and entering a unique IP Address and Subnet Mask (see **Figure 3.1**).
- Click **Temporarily stored** to save changes.

Figure 3.1: Network Setting

SYSTEM INSTALLATION MENU

System configuration
Network setting
Administrator setting
System setting
Area registration
Zone registration (Optional: Paging, Chime)
Control units composition (Optional: Expand
Registering stations
Advanced station settings
Zone setting (Optional: Paging, Chime)
Time and date setting

OPTIONAL FUNCTION MENU

Chime setting
Registering sound source
Registering sound sequences

Temporarily stored

Network setting

IP version IPv4

DHCP Static IP Address

Static IP Address 192.168.0.30 *Required

Subnet Mask 255.255.255.0 *Required

Default Gateway

Primary DNS Server

Secondary DNS Server

MAC address 00:0B:AA:09:01:F9

Unit name (0-24 Alphanumeric characters)

Web port 443

Note: Refer to the IS Series Local Setting Manual when using a IPV6 network.

Step 4: Change Administrator Settings (OPTIONAL)

- Select **Administrator setting** from the menu on left.
- The default ID and password are both aiphone. Enter a **New administrator ID** and/or **New Password** if desired (see **Figure 4.1**).
- Click **Temporarily stored** to save changes.

Figure 4.1: Administrator Setting

Step 5: Register Paging Zones (OPTIONAL)



- Select **Zone registration** from the menu on left.
- Enter a **Zone name** for each paging zone required (see **Figure 5.1**). The system can have up to 99 zones. Each zone can have any combination of masters, rooms, doors, or paging amplifiers.
- Click **Temporarily stored** to save changes.

Figure 5.1: Zone Registration

Number	Zone name
01	Main Building
02	East Wing
03	West Wing
04	All Page

Step 6: Control Units Composition



- Select **Control units composition** from the menu on left.
- Select which units will be used (see **Figure 6.1**).
The IS-CCU control unit will support up to 4 IS-RCU and up to 2 IS-SCU.
- Click **Temporarily stored** to save changes.

Figure 6.1: Control Units Composition

	Connected	Not connected
Central control unit		
1CX Room sub control unit ID:1	<input checked="" type="radio"/>	<input type="radio"/>
2CX Room sub control unit ID:2	<input type="radio"/>	<input checked="" type="radio"/>
3CX Room sub control unit ID:3	<input type="radio"/>	<input checked="" type="radio"/>
4CX Room sub control unit ID:4	<input type="radio"/>	<input checked="" type="radio"/>
1MX Add-on control unit ID:1	<input checked="" type="radio"/>	<input type="radio"/>
2MX Add-on control unit ID:2	<input type="radio"/>	<input checked="" type="radio"/>

Step 7: Registering Stations

Step 7



- Select **Registering stations** from the menu on left.
- The **Registering stations** table will be populated based on the settings made in Step 6. Enter a **Station number** and **Station name** for each door/sub/master unit. In the **Station type** column, use the drop-down list to identify the type of station connected (see **Figure 7.1**).
- Click **Temporarily stored** to save changes.

Figure 7.1: Registering Stations

Area	Station number	Station name	Station type
Central control unit			
D1 01 1	101	Front Door	Video door station
D2 01 1	102	Back Door	Video door station
D3 01 1	103	Loading Door	Video door station
D4 01 1	104	Break Room	Room sub station
M1 01 1	201	Reception Master	Master station
M2 01 1	202	Shipping Master	Master station
M3 01 1	203	Security Master	Master station

Step 8: Advanced Station Settings

Step 8



IMPORTANT:

Advanced station settings is a required step to complete the programming process.

- Select **Advanced station settings** from the menu on left.
- The **Advanced station settings** table is populated based on the stations registered in Step 7 (see **Figure 8.1**).

Figure 8.1: Advanced Station Settings

Area	Station number	Station name	Station type
Central control unit			
D1 01 1	101	Front Door	Video door station
D2 01 1	102	Back Door	Video door station
D3 01 1	103	Loading Door	Video door station
D4 01 1	104	Break Room	Room sub station
M1 01 1	201	Reception Master	Master station

- To program a door/sub, check the corresponding box and click **Advanced settings**. A new window will open (see **Figure 8.2**).

Figure 8.2: Advanced Settings

- Click on **Called stations**.

Step 8: Advanced Station Settings (continued)

- E. The master stations programmed to be called will be listed. When programming for the first time, the list will be blank. Select the **Call priority** level from the drop-down list (see **Figure 8.3**). Click on **Reference** to open a new window to select the masters to be called (see **Figure 8.4**).

Figure 8.3: Advanced Settings - Called Stations

Advanced settings Close

Video door station

Called stations

Call priority: Normal

Called stations: Normal

*Set up to 20 master stations.

<input checked="" type="checkbox"/>	Area	Station number	Station name
-------------------------------------	------	----------------	--------------

Reference

Delete

- F. Check the box beside the master(s) for the door station to call, then click **Close**. A maximum of 20 masters can be chosen for any given door station (see **Figure 8.4**).

Figure 8.4: Advanced Settings - Called Stations

*Check the stations you want to add, then press [Close] button. Close

<input checked="" type="checkbox"/>	Area	Station number	Station name	Station type	
<input checked="" type="checkbox"/>	Central control unit				
<input checked="" type="checkbox"/>	M1	01 1	201	Reception Master	Master station
<input checked="" type="checkbox"/>	M2	01 1	202	Shipping Master	Master station
<input type="checkbox"/>	M3	01 1	203	Security Master	Master station
<input checked="" type="checkbox"/>	1CX Room sub control unit ID:1				
<input checked="" type="checkbox"/>	1MX Add-on control unit ID:1				

- G. The **Advanced settings** window will now display the masters that will be called (see **Figure 8.5**). If a master was selected in error, check the box next to that master and click **Delete** to remove it from the list. Once the list is correct, click **Close**.

Figure 8.5: Advanced Settings

Advanced settings Close

Video door station

Called stations

Call priority: Normal

Called stations

*Set up to 20 master stations.

<input checked="" type="checkbox"/>	Area	Station number	Station name
<input checked="" type="checkbox"/>	01 1	201	Reception Master
<input checked="" type="checkbox"/>	01 1	202	Shipping Master

Reference

Delete

- H. Click **Other** in the **Advanced settings** window (see **Figure 8.2**). A new window will open.

- I. In the **Advanced settings, Video door station, Other** window, choose which settings need to be changed from the default settings. Upon making changes, click **Close** (see **Figure 8.6**).

Figure 8.6: Advanced Settings

Advanced settings Close

Video door station

Other

Transmit volume boost at PTT: ON OFF

Camera zoom image preset: 5:Center

Call acknowledge tone on/off: ON OFF

Backlight adjustment: Exposure + Exposure -

Step 8: Advanced Station Settings (continued)

- J. Close the **Advanced settings** windows to get back to the main **Advanced station settings** window.
- K. Repeat steps C through J for all video door stations, audio door stations, and room stations.
- L. Click **Temporarily stored** to save changes.

IMPORTANT:

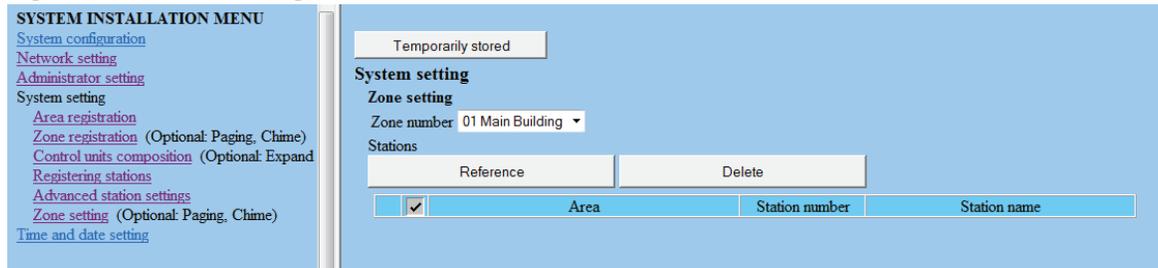
If connecting an 8Ω speaker to the IS-RS room station, click on the **Other** button and select **External speaker** from the new window. If the scan monitor function is required for a master, select the master(s) and click on **Advanced settings** to program this feature.

Step 9: Zone Setting (OPTIONAL)

- A. Select **Zone setting** from the menu on left.
- B. Select the **Zone number** from drop-down list (see **Figure 9.1**), then click **Reference**.
A new window will appear.

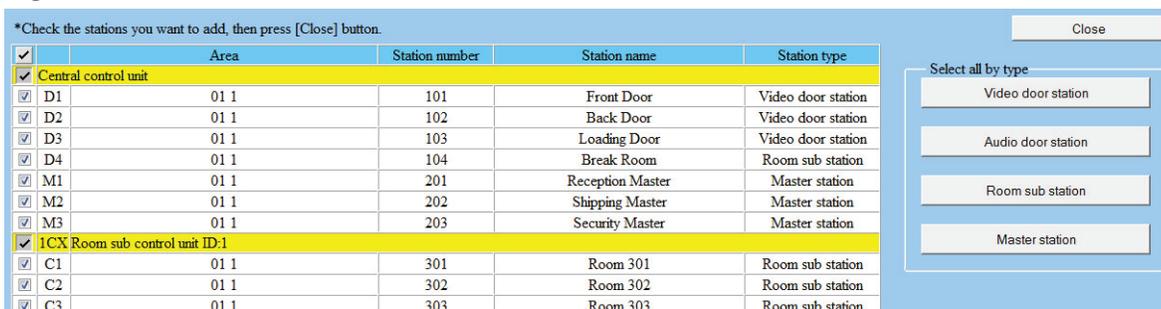


Figure 9.1: Zone Setting



- C. Check the box beside each station to add to the selected zone (see **Figure 9.2**).
- D. Click **Close**.

Figure 9.2: Stations to Add to Zone



IMPORTANT:

If a paging amplifier is to be included in a zone, click the **Reference** button to the right of PA output and select the paging output to be included. The PA output must have been named in Registering Stations (Step 7) to be shown in this list.

Step 9: Zone Setting (continued)

- E. The **Zone setting** window should now show the stations selected from the list (see **Figure 9.1**). Repeat process for remaining zones.
- C. Click **Temporarily stored** to save changes.

Figure 9.1: Zone Settings Populated

The screenshot shows the 'Zone setting' window. On the left is a 'SYSTEM INSTALLATION MENU' with links for System configuration, Network setting, Administrator setting, System setting, Area registration, Zone registration (Optional: Paging, Chime), Control units composition (Optional: Expand), Registering stations, Advanced station settings, Zone setting (Optional: Paging, Chime), Time and date setting, and Transfer setting. Below this is an 'OPTIONAL FUNCTION MENU' with links for Chime setting, Registering sound source, Registering sound sequences, Registering daily chime schedule, and Chime schedule setting. The main window has a 'Temporarily stored' button at the top. Below it is the 'System setting' section with 'Zone setting' and a dropdown menu set to '04 All Page'. Underneath is a 'Stations' table with 'Reference' and 'Delete' buttons. The table has columns for 'Area', 'Station number', and 'Station name'. The data is as follows:

	Reference	Delete	Area	Station number	Station name
<input checked="" type="checkbox"/>			01 1	201	Reception Master
<input type="checkbox"/>			01 1	202	Shipping Master
<input type="checkbox"/>			01 1	203	Security Master
<input type="checkbox"/>			01 1	101	Front Door
<input type="checkbox"/>			01 1	102	Back Door
<input type="checkbox"/>			01 1	103	Loading Door
<input type="checkbox"/>			01 1	104	Break Room
<input type="checkbox"/>			01 1	301	Room 301
<input type="checkbox"/>			01 1	302	Room 302

Step 10: Time and Date Setting

- A. Click the **Time and date setting** from the menu on left.
- B. If the PC's date and time is correct, click the **Synchronized with PC** button. If not, set it manually (see **Figure 10.1**).
- C. Click **Temporarily stored** to save changes.



Figure 10.1: Time and Date Setting

The screenshot shows the 'Time and date setting' window. On the left is the same 'SYSTEM INSTALLATION MENU' as in Figure 9.1. The main window has a 'Temporarily stored' button at the top. Below it is the 'Time and date setting' section with a red border. It contains the text '*Set current time.*Required' and a date/time display: '2013 Year 5 Month 16 Day 13 Hour 40 Minute 2 Second'. Below the display is the text 'Current time in the system is updated immediately by pressing [Synchronized with PC] or [Manual setting] button.' and two buttons: 'Manual setting' and 'Synchronized with PC'.

Step 11: Updating the System

- A. Click **Updating the system** from the menu on left.
- B. Click **Update** to save all data to the IS-CCU. The system will reboot and return to the language selection screen when complete.

Depending on the amount of data and changes, the reboot could take as long as **5-10 minutes**.

