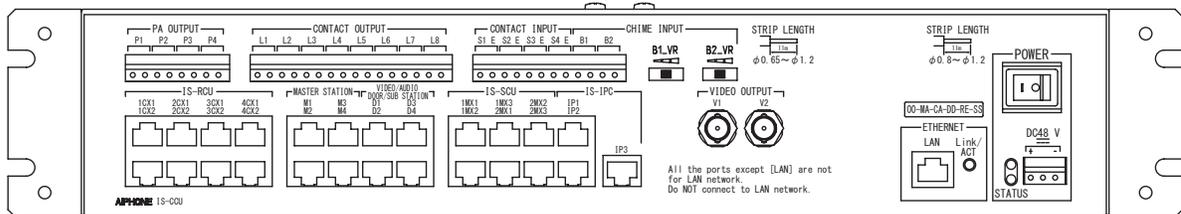


IS SERIES

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)

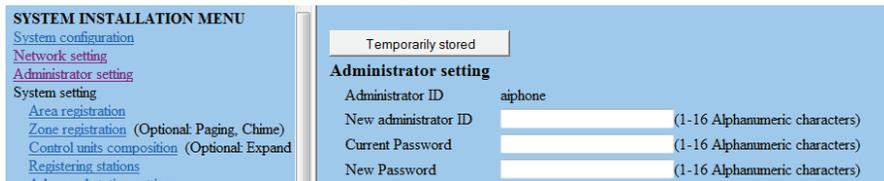
Web port 443

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

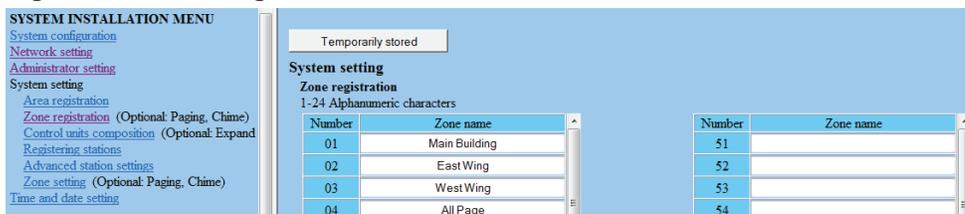


Step 5: Register Paging Zones (OPTIONAL)

- 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



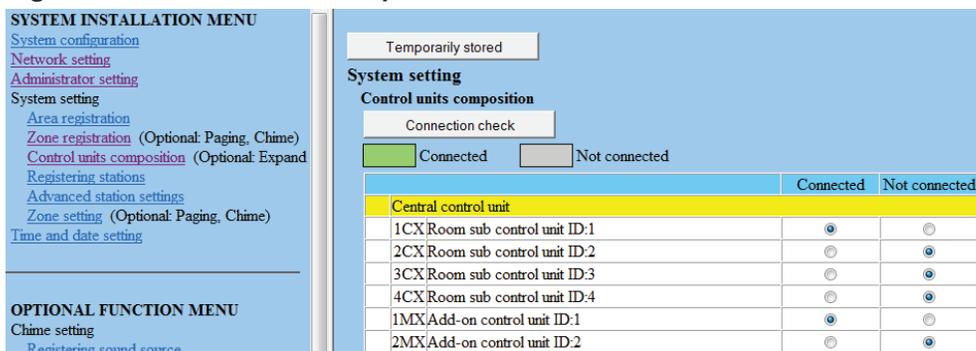
Number	Zone name	Number	Zone name
01	Main Building	51	
02	East Wing	52	
03	West Wing	53	
04	All Page	54	

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
<input checked="" type="checkbox"/>	Central control unit			
<input type="checkbox"/>	D1 01 1	101	Front Door	Video door station
<input type="checkbox"/>	D2 01 1	102	Back Door	Video door station
<input type="checkbox"/>	D3 01 1	103	Loading Door	Video door station
<input type="checkbox"/>	D4 01 1	104	Break Room	Room sub station
<input type="checkbox"/>	M1 01 1	201	Reception Master	Master station
<input type="checkbox"/>	M2 01 1	202	Shipping Master	Master station
<input type="checkbox"/>	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
<input checked="" type="checkbox"/>	Central control unit			
<input type="checkbox"/>	D1 01 1	101	Front Door	Video door station
<input type="checkbox"/>	D2 01 1	102	Back Door	Video door station
<input type="checkbox"/>	D3 01 1	103	Loading Door	Video door station
<input type="checkbox"/>	D4 01 1	104	Break Room	Room sub station
<input type="checkbox"/>	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

Advanced settings [Close]

Video door station

[Called stations] [Other]

- 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, Priority, Urgent

*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 type="checkbox"/>	01 1	201	Reception Master
<input 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

	Area	Station number	Station name	Station type
<input checked="" type="checkbox"/>	Central control unit			
<input checked="" type="checkbox"/>	D1	01 1	101	Front Door
<input checked="" type="checkbox"/>	D2	01 1	102	Back Door
<input checked="" type="checkbox"/>	D3	01 1	103	Loading Door
<input checked="" type="checkbox"/>	D4	01 1	104	Break Room
<input checked="" type="checkbox"/>	M1	01 1	201	Reception Master
<input checked="" type="checkbox"/>	M2	01 1	202	Shipping Master
<input checked="" type="checkbox"/>	M3	01 1	203	Security Master
<input checked="" type="checkbox"/>	1CX Room sub control unit ID:1			
<input checked="" type="checkbox"/>	C1	01 1	301	Room 301
<input checked="" type="checkbox"/>	C2	01 1	302	Room 302
<input checked="" type="checkbox"/>	C3	01 1	303	Room 303

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 options like 'System configuration', 'Network setting', 'Administrator setting', 'System setting', 'Area registration', 'Zone registration', 'Control units composition', 'Registering stations', 'Advanced station settings', 'Zone setting', and 'Time and date setting'. Below this is an 'OPTIONAL FUNCTION MENU' with options like 'Chime setting', 'Registering sound source', 'Registering sound sequences', 'Registering daily chime schedule', 'Chime schedule setting', and 'Transfer setting'. The main window has a 'Temporarily stored' button at the top. Below it is the 'System setting' section with 'Zone setting' and a 'Zone number' dropdown set to '04 All Page'. There are 'Reference' and 'Delete' buttons. A table lists stations with columns for 'Area', 'Station number', and 'Station name'. The table contains 9 rows of data.

	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. It has a 'Temporarily stored' button at the top. Below it is the 'Time and date setting' section with a red asterisk and the text '*Set current time.*Required'. The date and time are set to '2013 Year 5 Month 16 Day 13 Hour 40 Minute 2 Second'. Below this is a note: 'Current time in the system is updated immediately by pressing [Synchronized with PC] or [Manual setting] button.' There are 'Manual setting' and 'Synchronized with PC' buttons.

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**.



This operation guide describes the basic functions of your IS Series Master Station

For a complete operation manual (1.61 MB), scan QR code to download it from the manufacturer's website: www.aiphone.com/is-op-man



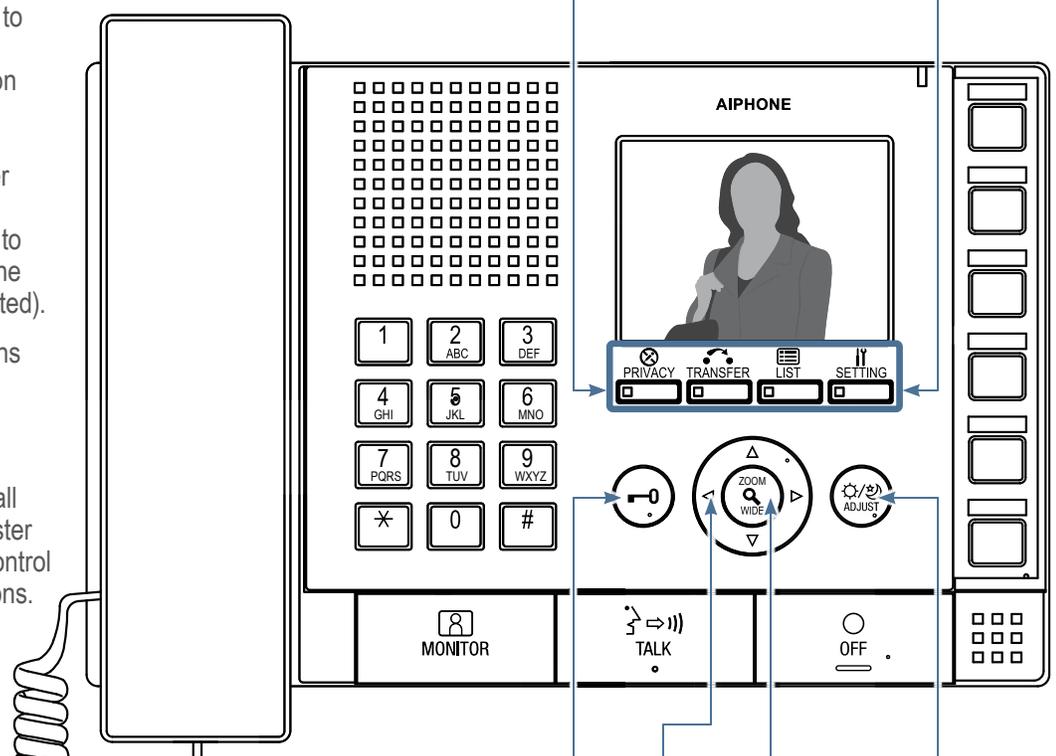
Operation Buttons

PRIVACY There are three privacy settings: OFF, 1, and 2. If set to OFF, a call from another master station can be answered by a voice response. If set to 1, a call from another master station can be answered by pushing the TALK Button or picking up the Handset. If set to 2, a call from another master station will provide a sound notification to you and the caller, indicating the station is in "do not disturb" mode. Push the PRIVACY Button to activate the selected setting (a red LED on the button remains lit when the feature is activated).

TRANSFER To manually send an answered call to another master station within the system, push the TRANSFER Button and select a destination (a red LED on the button blinks when transferring). To automatically send incoming calls to another master station within the system (CALL TRANSFER), push the TRANSFER Button to select your transfer options (a red LED on the button remains lit when the feature is activated).

LIST Push the LIST Button to view stations and zones within the system. Use the Camera/Cursor Control and ZOOM/WIDE Buttons to make selections.

SETTING Push the SETTING Button to view all setting options for your specific master station. Use the Camera/Cursor Control and ZOOM/WIDE Buttons to make selections. A status icon appears on screen when a function is in operation (see chart below).



Icon	Status
	Communication in progress (G=Normal Y=Priority R=Urgent)
	Receiving a call (G=Normal Y=Priority R=Urgent)
	Receiving calls in queue (002=2 stations calling)
	Microphone on (PRIVACY mode off)
	Microphone off (PRIVACY mode on)
	Transferring a call
	Receiving a transferred call
	Paging in progress (G=Normal Y=Priority R=Urgent)
	Paging alert in progress (Pre-recorded voices or sounds)
	Monitoring in progress
	Scan monitoring in progress
	Door release activated (unlocking)
	Settings screen is displayed
	Screen adjustment in progress
	Search in progress
	An error has occurred
	Processing selected function

Door Release Button

Push the Door Release Button to unlock the entrance during a call.

ADJUST Button

Push the ADJUST Button to compensate for low or bright backlight conditions when viewing video from a door station.

Camera/Cursor Control Button

Push Δ , ∇ , \triangleleft , or \triangleright to change the camera view (zoom-view only) or to scroll the cursor through the menu.

ZOOM/WIDE Button

Push the ZOOM/WIDE Button to change the screen view during a video call or while monitoring video. When scrolling through a menu, push the ZOOM/WIDE Button to make a selection.

This operation guide describes the basic functions of your IS Series Master Station

For a complete operation manual (1.61 MB), scan QR code to download it from the manufacturer's website: www.aiphone.com/is-op-man



AIPHONE®



IS-MV & IS-IPMV Master Station

Camera/Cursor Control and ZOOM/WIDE Buttons



See "IS-MV/IS-IPMV Master Station Operation Guide | 1 of 2" to read how the Camera/Cursor Control and ZOOM/WIDE Buttons operate.

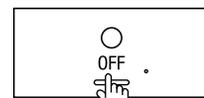
Speed Dial Buttons



Speed Dial Buttons can be programmed to quickly select a station for calling and monitoring. They can also be programmed to quickly select a zone for paging. To program, use the SETTING Button. When programmed, push a Speed Dial Button to display the assigned station. To call/page the selected station at a normal priority level, push the TALK Button or lift the Handset. To call/page the selected station at a different priority level, push the ZOOM/WIDE Button to select the level before pushing the TALK Button. To monitor the selected station, push the MONITOR Button.

Microphone

OFF Button

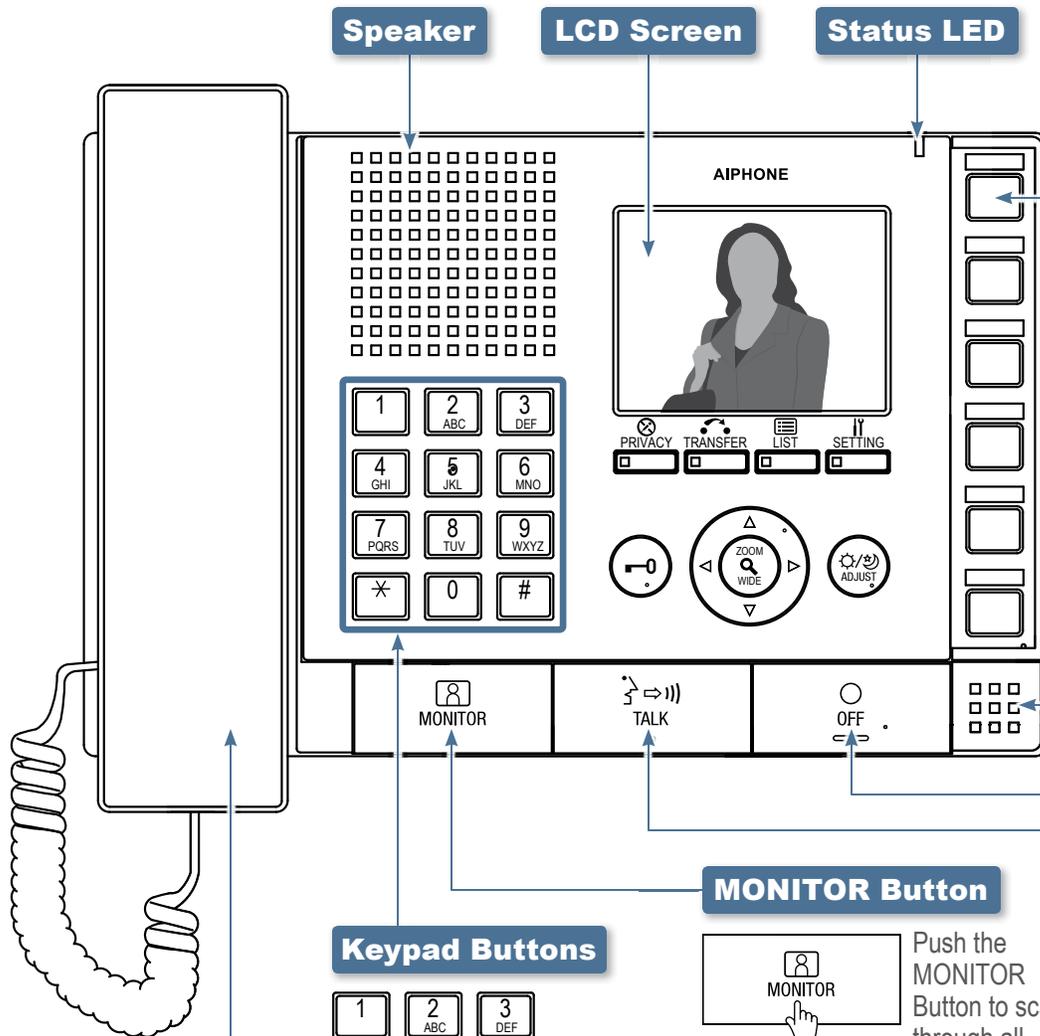


Push the OFF Button to end a call (this does not turn off the device). If in MONITOR mode, push the OFF Button to stop monitoring. If receiving a page, push the OFF Button to stop the page from going to your specific master station.

TALK Button



Push the TALK Button to answer an incoming call or respond to an incoming page*. Once answered, the conversation becomes hands-free. To make a call, search for the station or zone using the Keypad Buttons or the LIST Button. Once selected, push the TALK Button to establish the call.

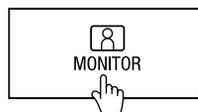


Keypad Buttons



Use the Keypad Buttons to search for a station or zone by number. To search by name, push the LIST Button and use the Camera/Cursor Control and ZOOM/WIDE Buttons to select name search. Once selected, use the Keypad Buttons to type the name of the station or zone.

MONITOR Button



Push the MONITOR Button to scan through all connected stations (if enabled). To pause, push the MONITOR Button again. Door release is not available while scanning. To monitor a specific station, push the LIST Button and use the Camera/Cursor Control and ZOOM/WIDE Buttons to select a desired station. Once selected, push the MONITOR Button to begin monitoring activity where the station is located.

**Responding to a page while in broadcast mode is not an option.*

Handset

Pick up the Handset to answer an incoming call or respond to an incoming page*. Hang up the Handset to end the conversation. To make a call, search for the station or zone using the Keypad Buttons or the LIST Button. Once selected, push the TALK Button to establish the call. Pick up the Handset for private communication.

This operation guide describes the basic functions of your IS Series PC Master Station Software

For a complete operation manual (1.25 MB), scan QR code to download it from the manufacturer's website: www.iphone.com/soft-op-man



AIPHONE®



**IS-SOFT
PC Master Station Software**



Talk Button



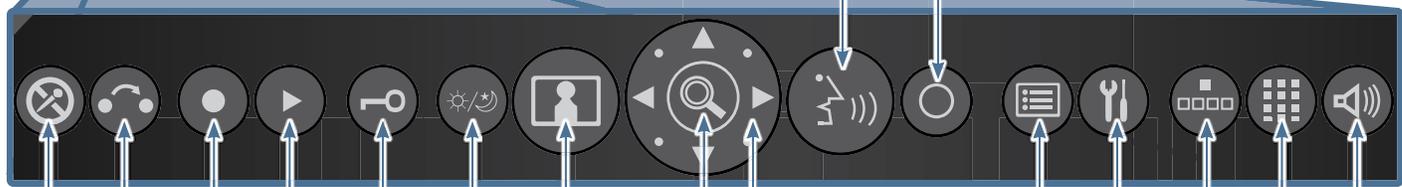
Click the Talk Button to answer an incoming call or respond to an incoming page. Once answered, the conversation becomes hands-free. To make a call, search for the station or zone using the Keypad Buttons or the LIST Button. Once selected, click the TALK Button to establish the call. The spacebar also functions as the Talk Button.

**Responding to a page while in broadcast mode is not an option.*

Off Button



Click the Off Button to end a call (this does not turn off the software). If in Monitor mode, click the Off Button to stop monitoring. If receiving a page, click the Off Button to stop the page from going to your specific master station software. The escape key also functions as the Off Button.



Privacy Button



There are three privacy settings: OFF, 1, and 2. If set to OFF, a call from another master station can be answered by a voice response. If set to 1, a call from another master station will provide a sound notification to you and the caller, indicating the station is in "do not disturb" mode. Click the Privacy Button to select the desired setting (the button remains lit when the feature is activated).

Monitor Button



Click the Monitor Button to scan through all connected stations (if enabled). To pause, click the Monitor Button again. Door release is not available while scanning. To monitor a specific station, click the LIST Button and use the Camera / Cursor Control and Zoom / Wide Buttons to select a desired station. Once selected, click the Monitor Button to begin monitoring activity where the station is located.

Adjust Button



Click the Adjust Button to compensate for low or bright backlight conditions when viewing video from a door station.

Door Release Button



Click the Door Release Button to unlock the entrance during a call.

Play Button



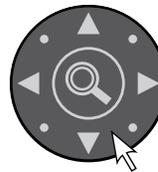
Click the Play Button once to view the list of recorded images. Select the desired file and click the Play Button again to see the snapshot or motion JPEG video. Audio will play if the audio option was set to record along with the video images.

Record Button



There are three ways to record a call: Snapshot, Video, and Auto Recording. If set to Snapshot, click the Record Button to save one image from the call. Audio Recording is not possible in Snapshot mode. If set to Video, click the Record Button to save motion JPEG from the entire call. If set to Auto Recording, one image (Snapshot) or motion JPEG (Video) will automatically be saved once a call comes in. The button remains lit when set to Auto Recording. To set the location for storing saved images, use the Setting Button.

Camera / Cursor Control Button



Click ▲, ▼, ◀, or ▶ to change the camera view (zoom-view only) or to scroll the cursor through the menu.

Zoom / Wide Button



Click the Zoom / Wide Button to change the screen view during a video call or while monitoring video. When scrolling through a menu, click the Zoom / Wide Button to make a selection.

List Button



Click the List Button to view stations and zones within the system. Use the Camera / Cursor Control and Zoom / Wide Buttons to make selections.

Setting Button



Click the Setting Button to view all setting options for your specific master station software. Use your computer mouse to make selections. Click SAVE to keep any changes.

Volume Button



Click the Volume Button to view the digital volume window. Once displayed, adjust the call tone, speaker, and microphone volumes until the desired levels are reached.

Keypad Button



Click the Keypad Button to view the digital keypad window. Once displayed, use the Keypad Buttons to search for a station or zone by number. To search by name, click the List Button and select the name search option. Once selected, use the Keypad Buttons to type the name of the station or zone.

Speed Dial Button



Speed Dial Buttons can be programmed to quickly select a station for calling and monitoring. They can also be programmed to quickly select a zone for paging. To program, use the Setting Button. When programmed, click a Speed Dial Button to display the assigned station. To call/page the selected station at a normal priority level, click the Talk Button. To call/page the selected station at a different priority level, click the Zoom / Wide Button to select the level before clicking the Talk Button. To monitor the selected station, click the Monitor Button.