

IXG SERIES

IP Video Intercom

IXW-MAA-SOFT Programming Guide

IXG Support Tool version 5.0.1.1

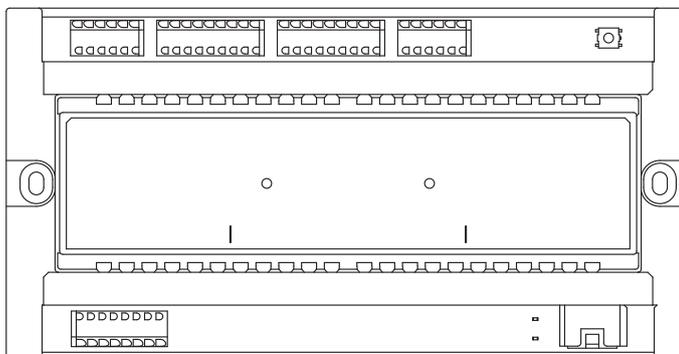


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ATTENTION:

This is an abbreviated programming manual addressing basic program settings for an IXG Series system using the IXG Support Tool. A complete set of instructions (*IXG Operation Manual / IXG Support Tool Setting Manual*) can be found at www.aiphone.com/ix-ixg-series, along with additional literature and media.

Introduction

The IXW-MAA-SOFT is a variant of the IXW-MAA IP relay adaptor that contains licenses for IX-SOFT PC master station software. It is programmed in the system as an I/O adaptor and offers the same features as the standard IXW-MAA. This guide covers adding the IXW-MAA-SOFT to the system, adding instances of IX-SOFT, and programming relay output functions. These programming steps will also work with the legacy IXW-MA-SOFT.

IXG Support Tool has programming menus on the left side of the program and along the top. Navigation instructions for the left side menu are given in the format **Menu**, Submenu.

Example: **Function Settings**, SIF Settings.

Navigation instructions for the top menu are given in the format Menu, Submenu.

Example: Connection(S), Upload Settings.

This guide assumes that the rest of the system has already been programmed in IXG Support Tool. If this is not the case, follow the IXG Series Complete Quick Start Programming Guide here:

<https://www.aiphone.com/IXG-Series-QuickStartGuide>

IXG Support Tool can be downloaded here: <https://www.aiphone.com/IXG-SupportTool>

IX-SOFT can be downloaded here: <https://www.aiphone.com/products/ix-soft-pc-master-station-software>

Adding an IXW-MAA to the System

Navigate to **Site Settings**, I/O Adaptor Registration. Place a check mark under Enable on the first line. The **Station Name** can also be changed. Multiple IXW-MAAs can be added using the same steps. Click **Save**.

| Site Settings | |
|--------------------------|--------------|
| I/O Adaptor Registration | |
| I/O Adaptor Number | Station Name |
| 1 | I/O Adaptor1 |



Adding IX-SOFT to the System

To add IX-SOFT instances to the system, navigate to **Site Settings**, Units/Stations. IX-SOFT is added to the system under the Master/Tenant station column in a commercial unit. Once all of the IX-SOFT instances have been added, click **Save**.

| Site Settings | | | | | | |
|------------------|-----------|-------------|-----------|-------------------|-------------------|--------|
| Units / Stations | | | | | | |
| Unit Type | Unit Name | First Name | Last Name | Phone Registratio | Master / Tenant S | |
| Entrance | Select | Entrance100 | | | | Select |
| Commercial | Select | Office 200 | | Disable | IX-SOFT | Select |
| Commercial | Select | Office 300 | | Disable | IX-SOFT | Select |



To finish the initial setup for the added IX-SOFT instances and I/O adaptor, use the IXG Series Complete Quick Start Guide linked above and follow the steps listed on pages 3-10 for initial setup and programming. This will cover providing the stations with network information, which is needed for the next step of this guide.



While associating the IX-SOFT instances, make sure that IX-SOFT is open and running on the PCs that will use it.

Network and SIF Settings

Navigate to **Network Settings**, [IP Address](#). This will display the stations and their network information. These can be adjusted as needed. Record the IP address of the IXW-MAA-SOFT for the next step, then click **Save**.

| Building Nu | Unit Number | Station Name | Network Settings | | | | | | | | | | |
|-------------|-------------|---------------------|------------------|------------|---------------|--------------|-----|---|----|-------------|-----|-----|---|
| | | | IP Address | | | | | | | | | | |
| | | | Hostname | IP Version | Static / DHCP | IPv4 Address | | | | | | | |
| | | | | | | IP Address | | | | Subnet Mask | | | |
| 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | | | | | | |
| 01 | 100 | Entrance Station 1 | | IPv4 | Static | 192 | 168 | 1 | 20 | 255 | 255 | 255 | 0 |
| 01 | 200 | PC Master Station 1 | | IPv4 | Static | 192 | 168 | 1 | 25 | 255 | 255 | 255 | 0 |
| 01 | 300 | PC Master Station 1 | | IPv4 | Static | 192 | 168 | 1 | 26 | 255 | 255 | 255 | 0 |
| | | Gateway Adaptor 1 | | IPv4 | Static | 192 | 168 | 1 | 23 | 255 | 255 | 255 | 0 |
| | | I/O Adaptor 1 | | IPv4 | Static | 192 | 168 | 1 | 27 | 255 | 255 | 255 | 0 |



Navigate to **Function Settings**, [SIF](#). Set **SIF Functionality** to Enable for each station that will send signals to the IXW-MAA-SOFT, as well as for the IX-SOFT instances that will get their licenses from the IXW-MAA-SOFT.

| Unit Number | Station Name | Function Setting |
|-------------|---------------------|-------------------|
| | | SIF Functionality |
| 100 | Entrance Station 1 | Enable |
| 200 | PC Master Station 1 | Enable |
| 300 | PC Master Station 1 | Enable |
| | I/O Adaptor 1 | Disable |

Under **SIF Settings**, set the following for IX-SOFT stations:

Program Type: 1111

IPv4: The IP address for the IXW-MAA-SOFT

Destination Port: 65060

SSL: Enable

Connection: Socket

| Station Name | SIF Functionality | SIP URI Format | No.01 | | | | | |
|---------------------|-------------------|----------------|--------------|--------------|------|---------------|--------|-----------|
| | | | SIF Settings | | | | | |
| | | | Program Type | IPv4 | IPv6 | Destination P | SSL | Connectio |
| Entrance Station 1 | Enable | Disable | | | | | | |
| PC Master Station 1 | Enable | Disable | 1111 | 192.168.1.27 | | 65060 | Enable | Socket |
| PC Master Station 1 | Enable | Disable | 1111 | 192.168.1.27 | | 65060 | Enable | Socket |
| I/O Adaptor 1 | Disable | Disable | | | | | | |

Scroll right. For each instance of IX-SOFT, place a check mark under **Initialization Notice**.

| Transmission Trigger | |
|--------------------------|-------------------------------------|
| Periodical | Initialization Notice |
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Network and SIF Settings *(continued)*

Use these settings for all other IX | IXG Series stations that will send signals to the IXW-MAA-SOFT:

Program Type: 0100

IPv4: The IP address for the IXW-MAA-SOFT

Destination Port: 65014

SSL: Enable

Connection: Socket

Once everything is configured, click **Save**

| Station Name | SIF | | No.01 | | | | | |
|-------------------|------------------|----------------|--------------|--------------|------|---------------|--------|-----------|
| | SIF Functionalit | SIP URI Format | SIF Settings | | | | | |
| | | | Program Type | IPv4 | IPv6 | Destination P | SSL | Connectio |
| Entrance Station1 | Enable | Disable | 1111 | 192.168.1.27 | | 65014 | Enable | Socket |



Scroll right. For each station that will send signals to the the IXW-MAA-SOFT, place a check mark under **Change Contact**.

| Transmission Trigger | | | | |
|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------------------|
| Begin Out | Begin Cor | Door Rele | End Comr | Change contact |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

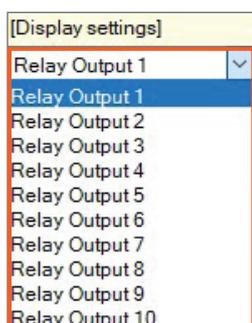
Once everything is configured, click **Save**.

Relay Output Settings

The configured stations will now send SIF signals when their relay output is triggered, and the IX-SOFT instances will reach out to the IXW-MAA-SOFT for their licenses. If SIF settings were not configured for anything but the IX-SOFT instances, skip to page 6 for instructions on uploading the settings.

To configure the outputs on the IXW-MAA-SOFT itself, navigate to **Option Input / Relay Output Settings, Relay Output**.

Each of the ten outputs on the IXW-MAA-SOFT can be assigned to a single station. By default, IXG Support Tool will select Relay Output 1. Use the drop-down under [Display settings] to choose a different relay, if needed.



To configure an output, locate the IXW-MAA-SOFT on the list of stations. Use the drop-down under **Function** and select Contact Change SIF Event.

| Station Name | Relay Output 1 | |
|-------------------|----------------|-------------------------|
| | Name | Function |
| Entrance Station1 | | Door Release |
| I/O Adaptor1 | | Contact Change SIF Even |

Relay Output Settings (continued)

Scroll right to the column labeled **Contact Change SIF Event**. Click **Select Station** to bring up a list of stations.

| | |
|--------------------------|----------------|
| Relay Output 1 | |
| Contact Change SIF Event | |
| Station Nu | Select Station |
| | Select Station |
| | Select Station |



Choose one station to assign to this relay on the IXW-MAA-SOFT, then click **OK**. Click **Save** to finalize the settings, then repeat these steps for each output to be configured.

Select Station

Select Station

| Station List | | | | | |
|----------------------------------|-------------|-------------|------------|--------------------|--------------|
| Select | Building Nu | Unit Number | Station Nu | Station Name | Station Type |
| <input checked="" type="radio"/> | 01 | 100 | 1000 | Entrance Station1 | IXG-DM7(-*) |
| <input type="radio"/> | 01 | 200 | 2000 | PC Master Station1 | IX-SOFT |
| <input type="radio"/> | 01 | 300 | 3000 | PC Master Station1 | IX-SOFT |
| <input type="radio"/> | | | 0001399E | I/O Adaptor1 | IXW-MA |



When used for door release, this relay is most commonly associated with a door or entrance station, not another master station.

Uploading Settings to Stations

Navigate to **Connections(S)**, **Upload Settings**. Click **Select** to select all stations and click **Settings**. This will push the new configuration to the stations.

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

| Select | Building Nu | Unit Number | Station Name | Station Type | Status |
|-------------------------------------|-------------|-------------|--------------------|--------------|--------|
| <input checked="" type="checkbox"/> | 01 | 100 | Entrance Station1 | IXG-DM7(-*) | - |
| <input checked="" type="checkbox"/> | 01 | 200 | PC Master Station1 | IX-SOFT | - |
| <input checked="" type="checkbox"/> | 01 | 300 | PC Master Station1 | IX-SOFT | - |
| <input checked="" type="checkbox"/> | | | Gateway Adaptor1 | IXGW-(T)GW | - |
| <input checked="" type="checkbox"/> | | | I/O Adaptor1 | IXW-MA | - |

Select Station by Type:
All [Select] [Unselect]

Select file type to be uploaded:
[Settings] [Sounds] [Images] [Schedules]

Export System Configuration

It is strongly recommended to back up the settings once everything is configured. This will prevent having to reprogram the system from scratch later.

Navigate to **File(F)**, **Export System Configuration**. Click **Export** and select a location to save the configuration folder. Click **Finish** to exit this screen.

Export Settings

Use Export button to back up the system configuration files .

[Export]

[Finish]

i The configuration will be saved as a folder. The entire folder is needed to restore the system.

For more details about the features and information above, please contact Technical Support.

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