AIPHONE

IX SERIES
IP Video Intercom

IXW-MA(A)-SOFT Programming Guide

IX Support Tool version **10.1.0.1**
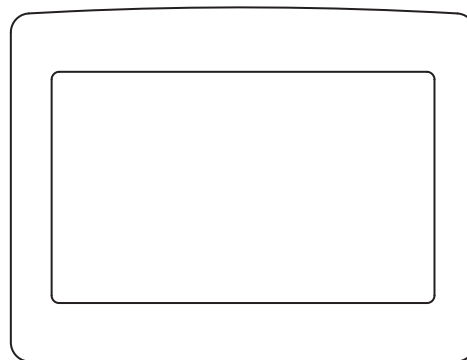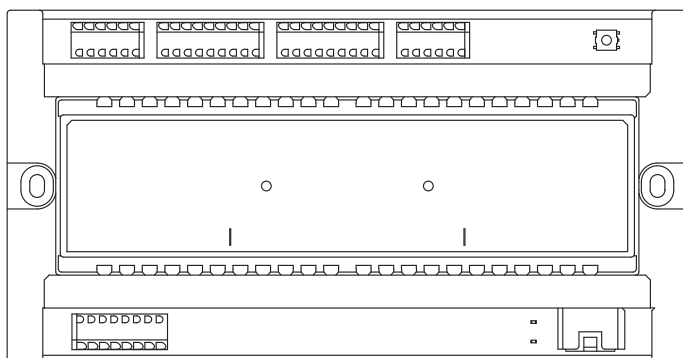
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ATTENTION:

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

Introduction

An IXW-MA-SOFT or IXW-MAA-SOFT is a variant of an IXW-MA or IXW-MAA IP relay adaptor that contains licenses for Aiphone's PC master station software. It is programmed in the system was an IXW-MA(A) station and still offers the same relay output functions.

IX Support Tool has programming menus on both 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: File(F), Upload Settings to Station.

This guide assumes that the rest of the system has already been programmed in IX Support Tool. If this is not the case, follow the IX Series Quick Start Programming Guide, available at this link:
https://www.aiphone.com/IX-Series-QuickStartProgrammingGuide

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

Adding an IXW-MA(A) to the System

Navigate to **Station Information**, Identification. This will display a list of existing stations. Click Add Station .

Select IXW-MA as the station type, enter the number of IXW-MA(A)s being added to the system, and click Add . This will add the station to the list. Click OK , then click Update on the main page.

ⓘ The same steps can also be used to add IX-SOFT stations to the system.

To assign the stations their IP addresses and upload initial settings, navigate to Tools(T), System Configuration and follow the IX Series Quick Start Programming Guide on pages 5-7.

IXW-MA(A) Settings with IX Series Stations and IX-SOFT

Navigate to **Network Settings**, IP Address. This will display the stations and their network information. These can be adjusted as needed for the site. Record the IP address of the IXW-MA(A) for the next step, then click Update .

If a station's IP address is changed on this page, the association step will need to be repeated.

Navigate to **Function Settings**, SIF. Set the **SIF Functionality** to Enable for each station that will send signals to the IXW-MA(A)-SOFT, as well as for the IX-SOFT stations that will get their licenses from the IXW-MA(A)-SOFT.

Under **SIF Settings**, set the following for IX-SOFT stations:
Program Type: 1111
IPv4: The IP address for the IXW-MA(A)-SOFT
Destination Port: 65060
SSL: Enable
Connection: Socket

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

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IXW-MA(A) Settings with IX Series Stations and IX-SOFT (continued)

Use these settings for all other stations:
Program Type: 0100
IPv4: The IP address for the IXW-MA(A)-SOFT
Destination Port: 65014
SSL: Enable
Connection: Socket

Once everything is configured, click Update

No.01						
SIF Settings						
Program Type	IPv4		IPv6	Destination Port	SSL	Connection
0100	192.168.1.15			65014	Enable	Socket

ⓘ IX-DA and IX-BA door stations will have these settings greyed out. The steps for these stations are covered on pages 5 and 6.

Scroll right. For each station that will communicate with the IXW-MA(A)-SOFT, place a check under **Change Contact**.

Station Type	No.01
	Transmission Trigg
	Change contact
IX-SOFT	☐
IX-SOFT	☐
IX-SOFT	☐
IX-DV, IX-DVF(-*)	☑

Once everything is configured, click Update .

IXW-MA(A) Settings with IX-DA and IX-BA

Navigate to **Function Settings**, <u>SIF</u>. For each IX-DA or IX-BA door station, make sure that **SIF Functionality** is set to Enable, then click Update .
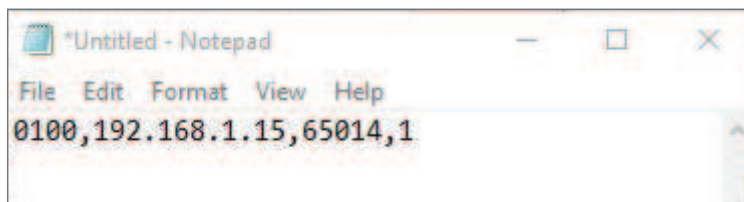

Minimize IX Support Tool. Open a simple text editor like Notepad. This will be used to enter the information that the door station will use to communicate with the IXW-MA(A)-SOFT.
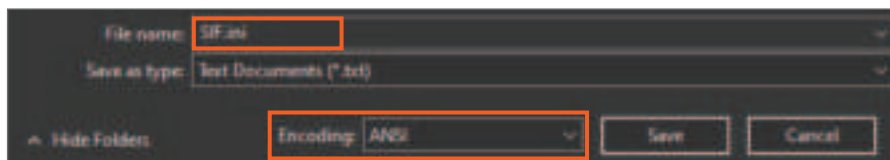
Fill it out with the following format:
0100,IP address of IXW-MA(A)-SOFT,65014,1

ℹ Make sure that all text is on a single line, and that there are no spaces between sections. Except for the IP address, use the provided values.

Save the file with a .ini extension; this will usually need to be entered manually in the file name, so set it to save as a .txt file. Set the encoding to ANSI, make sure it will be saved to a known destination, then click Save .

Navigate back to IX Support Tool. Click Upload SIF File towards the top right of the page.

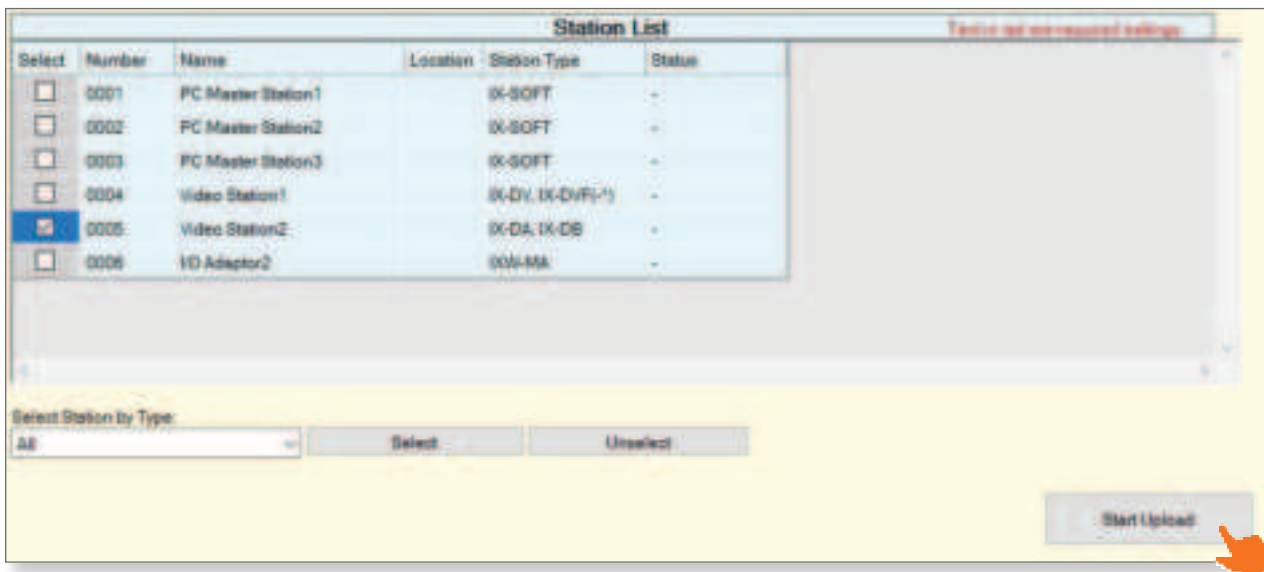# IXW-MA(A) Settings with IX-DA and IX-BA *(continued)*

Keep SIF Communication Settings selected. Click ⬚Browse⬚ to select the SIF.ini file that was created before.

Select all stations that will receive the SIF.ini file, then click ⬚Start Upload⬚.

ℹ️ Only IX-DA, IX-BA, and IX-MV model stations will accept SIF.ini uploads. All other stations will fail; see pages 3 and 4 for the SIF programming steps for other models.

Relay Output Settings

The door stations will now send SIF signals to the IXW-MA(A)-SOFT when their relay output is triggered. To configure the outputs on the IXW-MA(A)-SOFT itself, navigate to **Option Input / Relay Output Settings**, Relay Output.

Each of the ten outputs on the IXW-MA(A)-SOFT can be assigned to a single station. By default, IX Support Tool will select Relay Output 1.

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

Scroll right and locate the **Contact Change SIF Event** column. Click [Open] to pull up a list of stations in the system. Select one and click [OK].

The relay output time is controlled by the station sending the signal to the IXW-MA(A)-SOFT. To adjust this, scroll right to **Output Time Range**. Select an appropriate time range using the drop-down menu, then enter the time in seconds or miliseconds (as appropriate) under **Output Time**. Click [Update].

To assign another output, use the [Display Settings] drop-down at the top of the page to select another relay. Repeat the same steps for each relay and station to be configured.
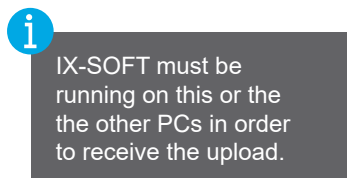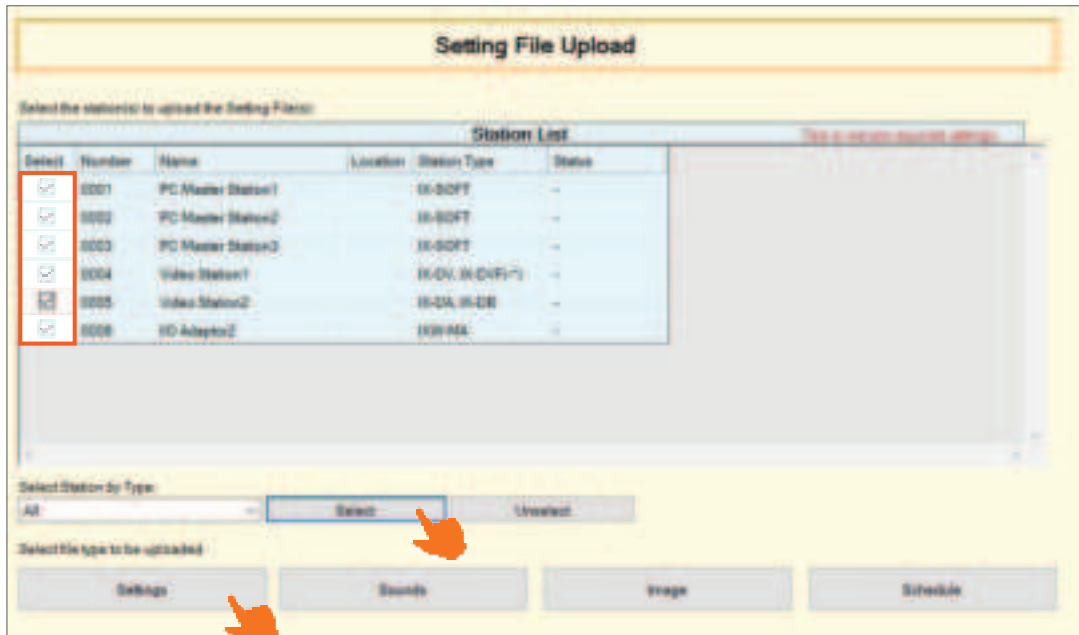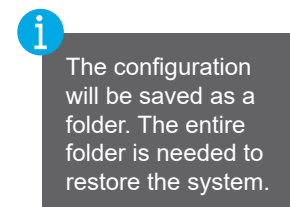
Uploading Settings to Stations

Navigate to File(F), Upload Settings to Station. Click [Select] to select all stations and click [Settings]. This will push the new configuration to the stations.

ℹ️ IX-SOFT must be running on this or the the other PCs in order to receive the upload.

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), IX Support Tool System Configuration. Click [Export] and select a location to save the configuration folder. Click [Finish] to exit this screen.

ℹ️ 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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