

# IX SERIES IP Video Intercom System

# IXW-MA and IXW-MAA Programming Guide



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### ATTENTION:

This is an abbreviated programming manual addressing basic IP Relay program settings using IX Support Tool. A complete set of instructions (*IX Web Setting Manual / IX Operation Manual / IX Support Tool Setting Manual*) can be found at www.aiphone.com/IX.

### Introduction

The IXW-MA and IXW-MAA adaptors have 10 relay outputs that can be triggered by an event on an IX Series station. This guide will walk through programming a system to include either adaptor, as well as programming the outputs.

Because the IXW-MA and IXW-MAA function the same way, and IX Support Tool considers them both an IXW-MA for programming purposes, this guide will only refer to the IXW-MA.

### Programming a New System to Include an IXW-MA

If the system has already been configured without the IXW-MA, skip to Page 5.

### Step 1: System Settings

File(F) Edit(E) Language(V) Tools(T) Help(H)						
Create New System			New System	1		
Select Existing System				·		
Delete Existing System	System Settings			IX Support Tool Settings	<ul> <li>Req</li> </ul>	uired Settings
Update Settings	oyotom ootango			in Support Foor Scange		
Download Settings From Station	System Name 🔸	IXW-MA Programming		Enter the number of stations		
La Upload Settings To Station	IP Version:	IPv4 ~		Master Stations		
G Upload SSL Certificate				IX-MV7-*	2	Station(s)
by Import Setting File	Enter contact information (o	optional):		IX-MV	1	Station(s)
IX Support Tool Export System Configuration	Installer Information: •					
Export to Line Supervision Software	Displayed in CONTACT INF	FORMATION of IX-MV7-*.		Video Stations		
Exit				IX-DV, IX-DVF(-*)	1	Station(s)
				IX-EA, IX-EAU		Station(s)
1.1 - Create New System				IX-DA IX-DE(-*)	1	Station(s)
Open IX Support Tool If the New System	<		>			
window does not open select <b>File</b> from the ten	Owner Information: •			Audio Stations		
monu har then Create New System	-		^	IX-SSA(-*)		Station(s)
menu bai, men create new System.			~	IX-SS-2G	1	Station(s)
	Notes: •			IX-FA		Station(s)
1.2 - New System	-		^	IX CDUID		Station(s)
			~	IX-SPMIC		Station(s)
Enter a System Name under System	Expanded System			IX-BA, IX-SS(-*)		Station(s)
Settings and select the quantity for each	Wizard Programing			IX-RS-*	1	Station(s)
station type under ix Support looi Settings.	Yes	O No				
	Automatically configure do	oor release for all stations?		Others		Station(s)
1.3 - Creating the System	• Yes	○ No		IXW-MA	1	Station(3)
Once each field of the New System page is filled appropriately, click <b>Next</b> .	Restore Setting File	Import System Configuration		N	ext	Cancel

### **Step 2: Station Customization**

Support Tool will provide each station a default Station Name, four-digit Number, and IP address starting from 192.168.1.10. To edit this information, click Station Details in the Advanced Settings section, shown below. To use the default information created by Support Tool, skip to Step 3.

2.1 - Station Details					System Conf	iguration			
Click Station Details to edit the Number, Name, and IP Address for each station.	1. Selec	t the setting	ile to be linked with the chose	en station:					
					Station Settin	gs List			
	Select	Number	Name	Location	n Station Type	Hostname	IP Address	Associated	
	۲	0001	Master Stations1		IX-MV7-*		192.168.1.10	-	
	0	0002	Master Stations2		IX-MV7-*		192.168.1.11	-	
	0	0003	Master Stations3		IX-MV		192.168.1.12	-	
	0	0004	Video Stations1		IX-DV, IX-DVF(-*)		192.168.1.13	-	
	0	0005	Video Stations2		IX-DA, IX-DF(-*)		192.168.1.14	-	
	0	0006	Audio Stations1		IX-SS-2G		192.168.1.15	-	
	0	0007	Handset Sub Station1		IX-RS-*		192.168.1.16	-	
	0	0008	I/O Adaptor1		IXW-MA		192.168.1.17	-	
	<	ced Settings	Address Book		De	oor Release		System Manage	ment New Station
			Station Details		Batch IP A	ddress Configu	ration	Statio	on Removal

### Step 2: Station Customization (continued)

### 2.2 - Edit Station Details

Edit the **Number**, **Name**, **IP** Address, and **Subnet Mask** for each station as needed. *Note: Do not fill in the Hostname.* 

### 2.3 - Update Station Details

Click **OK** to update the station details that were edited.

				Static	on Details	S									
Changir Dince as	ter Number Ing the IP Ad Isociated, the	Previous Next dress , Subnet Mask , IP Version setting file will also need to be reated in the Location Registry I	Display a, Static / DH uploaded to before they c	ICP will require the st the station(s). an be assigned to a S	ation to be re-a	ssociated.				Т	ext in	red a	re req	uired	settin
	Station Info	rmation			Network Set	tings									
Row           Enter Number           Data associated, th           Ince associated, th           Identificati           #           0001         101           0002         102           0003         103           0004         201           0005         202           0006         301           0007         302           0008         401	n			IP Address											
#								IPv4	Addr	ess					
	Number	Name	Location	Station Type	Hostname	IP Version	Static / DHCP	IP A	ddres	s		Sub	net M	ask	
								1	2	3	4	1	2	3	4
0001	101	IX-MV7-HB		IX-MV7-*		IPv4	Static	192	168	1	10	255	255	255	0
0002	102	IX-MV7-B		IX-MV7-*		IPv4	Static	192	168	1	11	255	255	255	0
0003	103	IX-MV		IX-MV		IPv4	Static	192	168	1	12	255	255	255	0
0004	201	IX-DV		IX-DV, IX-DVF(-*)		IPv4	Static	192	168	1	13	255	255	255	0
0005	202	IX-DA		IX-DA, IX-DF(-*)		IPv4	Static	192	168	1	14	255	255	255	0
0006	301	IX-SS-2G		IX-SS-2G		IPv4	Static	192	168	1	15	255	255	255	0
0007	302	IX-RS		IX-RS-*		IPv4	Static	192	168	1	16	255	255	255	0
8000	401	IXW-MA		IXW-MA		IPv4	Static	192	168	1	17	255	255	255	0
<															>
							Location Regi	stry			0	к		Са	ncel

### **Step 3: Association**

The association process will link the information created in Support Tool with a station found on the network. Once associated, the station will receive its station name and network information once it finishes rebooting.

#### 3.1 - Select

Select the setting file to be associated from the **Station Settings List**.

#### 3.2 - Select

Select the scanned station to be associated with the selected file from the **Station List**.

### 3.3 - Apply

Click **Apply** to associate the selected station with the selected file. Repeat until all stations are associated.

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

Select	Number	Mama						
0		Name	Location	Station Type	Hostname	IP Address	Associated	
0	101	IX-MV7-HB		IX-MV7-*		192.168.1.10	Yes	
~	102	IX-MV7-B		IX-MV7-*		192.168.1.11	Yes	
0	103	IX-MV		IX-MV		192.168.1.12	Yes	
0	201	IX-DV		IX-DV, IX-DVF(-*)		192.168.1.13	Yes	
0	202	IX-DA		IX-DA, IX-DF(-*)		192.168.1.14	Yes	
0	301	IX-SS-2G		IX-SS-2G		192.168.1.15	Yes	
0	302	IX-RS		IX-RS-*		192.168.1.16	Yes	
0	401	IXW-MA		IXW-MA		192.168.1.17	Yes	
Advance	ed Settings						System Managem	>
		Address Book		De	oor Release		Add Ne	ew Station
		Station Details		Batch IP Ad	ddress Configu	ration	Station	Removal
<ul><li>Enter</li><li>Sear</li></ul>	r station MA ch and sele	C address: ect station within local net	work:		Different Ne	tworks Station	Search Protocol IPv4	4 ~
				Station L	ist			
Select	Number	Name	Location	Station Type	MAC addres	s Associate	d	
0				IX-MV7-*	00:0B:AA:2F	:02:DB Yes		
0				IX-MV7-*	00:0B:AA:2F	:02:1A Yes		
0				IX-MV	00:0B:AA:17	:1B:BA Yes		
0				IX-SS-2G	00:0B:AA:20	:01:DC Yes		
0				IX-RS-*	00:0B:AA:2E	0:00:14 Yes		
0				IXW-MA	00:0B:AA:2E	:00:01 Yes		
0				IX-DV, IX-DVF(-*)	00:0B:AA:27	:0B:E7 Yes		
0				IX-DA, IX-DF(-*)	00:0B:AA:16	::34:D6 Yes		
<								>
Ap	ply		Associate Automatically					Station Search

### Programming a New System to Include an IXW-MA

Step 3: Association (continued)

.4 - Status	Station(s	s) that have t	Seen associated with a	setting me are insted t	A contract of the second second			
confirm that each station has been successfully	Select	Number	Name	Location	Station Type	IP Address	MAC address	Status
sociated in the Status column		101	IX-MV7-HB	Loodiion	IX-MV7-*	192,168,1,10	00:0B:AA:2F:02:DB	Success
		102	IX-MV7-B		IX-MV7-*	192,168,1,11	00:0B:AA:2F:02:1A	Success
		103	IX-MV		IX-MV	192.168.1.12	00:0B:AA:17:1B:BA	Success
.5 - Next		301	IX-SS-2G		IX-SS-2G	192.168.1.15	00:0B:AA:2C:01:DC	Success
• Hoxt		201	IX-DV		IX-DV, IX-DVF(-*)	192.168.1.13	00:0B:AA:27:0B:E7	Success
f all stations show <b>Success</b> , click Next.		202	IX-DA		IX-DA, IX-DF(-*)	192.168.1.14	00:0B:AA:16:34:D6	Success
		302	IX-RS		IX-RS-*	192.168.1.16	00:0B:AA:2D:00:14	Success
		401	IXW-MA		IXW-MA	192.168.1.17	00:0B:AA:2E:00:01	Success
	<							
	Asso	ciation						Retry Asso
							Back	Next C

ł

### Step 4: Setting File Upload

Once each station has been associated with its individual station information, the setting file containing the rest of the system's information will need to be uploaded to each station. To upload the setting file, the programming PC will need to be in the same subnet as the associated stations. The PC's current IP address is listed in the bottom left-hand side of this window.

The stations will not operate until the setting files have been uploaded.

#### 4.1 - Select

Stations can be selected individually, or by Type. Choose All from the Select Station by Type drop down menu to upload to all stations. Click Select .

### 4.2 - Start Upload

Once station Status shows Available, click Start Upload

#### 4.3 - Next

After successful upload, click Next

			:	Setting File L	Jpload			
Select th	e station(s) t	o upload the Setting File(s):					Connection Status	8/8
				Station List	t		Text in red are required settin	gs.
Select	Number	Name	Location	Station Type	IP Address	Status		^
$\checkmark$	101	IX-MV7-HB		IX-MV7-*	192.168.1.10	Available		
$\checkmark$	102	IX-MV7-B		IX-MV7-*	192.168.1.11	Available		
$\checkmark$	103	IX-MV		IX-MV	192.168.1.12	Available		
$\checkmark$	201	IX-DV		IX-DV, IX-DVF(-*)	192.168.1.13	Available		
$\checkmark$	202	IX-DA		IX-DA, IX-DF(-*)	192.168.1.14	Available		
$\checkmark$	301	IX-SS-2G		IX-SS-2G	192.168.1.15	Available		
$\checkmark$	302	IX-RS		IX-RS-*	192.168.1.16	Available		
$\checkmark$	401	IXW-MA		IXW-MA	192.168.1.17	Available		
<								>
Select St	ation by Typ	e.						
All		~	Select	Unsel	ect			
This PC's	IP Address	192.168.1.102		Man	ual Date / Time Setup	Start Upload	Next Finis	sh



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### Programming a New System to Include an IXW-MA

### Step 5: Export Settings

The final step in the Programming Wizard is to create a copy of the system's setting file and export it to a secure location or external drive.



### Adding an IXW-MA to an Already Existing System

Skip this section if the IXW-MA has already been added to the system. The steps below will walk through adding an IXW-MA relay adaptor to an existing system. The IXW-MA should be connected to the same network as the existing system before proceeding.

Open IX Support Tool and select the existing system to be edited.

Tools(T) Help(H)				;	System Conf	iguration	i.		
Association Settings	1. Selec	t the setting f	ile to be linked with the chose	station:					
Station Replacement					Station Settin	gs List			
T Restore System Settings	Select	Number	Name	Location	Station Type	Hostname	IP Address	Associated	
	0	101	IX-MV7-HB		IX-MV7-*		192.168.1.10	Yes	
System Configuration	0	102	IX-MV7-B		IX-MV7-*		192.168.1.11	Yes	
	0	103	IX-MV		IX-MV		192.168.1.12	Yes	
	0	201	IX-DV		IX-DV, IX-DVF(-*)		192.168.1.13	Yes	
	0	202	IX-DA		IX-DA, IX-DF(-*)		192.168.1.14	Yes	
A - System Configuration	0	301	IX-SS-2G		IX-SS-2G		192.168.1.15	Yes	
A - Oystelli Oollingulatioli	0	302	IX-RS		IX-RS-*		192.168.1.16	Yes	J
Click <b>Tools</b> from the top menu bar and select <b>System Configuration</b> .	<								>
	Advan	iced Settings						System Manage	ment
			Address Book		Do	oor Release		Add I	New Station
			Station Details		Batch IP Ac	ddress Configu	ration	Statio	on Removal
					B - Add No	ew Stat	ion		

Click	Add New Station
Cont	inue on page 6.

# Adding an IXW-MA to an Already Existing System

C - Select Station Type
Select the IXW-MA using the <b>Station</b> <b>Type</b> drop down and enter the quantity of stations to be added. Click <b>Add</b> .
D - Edit Station Information
Edit the <b>Number</b> and <b>Name</b> for the new station to be added.
Edit the <b>Number</b> and <b>Name</b> for the new station to be added.

Click **OK** to add the station.

elect Stati Jp to 50 sta	on Type and enter the num ations can be added at a tir	nber of stations, the me.	en click "Add".		
station Typ	e IXW-MA		~ <u>1</u>	Station(s)	Add
		Station	Information	Text in red are requ	uired settings.
Number	Name	Location	Station Type		
401	IXW-MA		IXW-MA		

The added station will appear in the Station Settings list with the number and name assigned. Support Tool will automatically assign an IP address, though this can be changed later.

F - Select			
	S	Select	
Select the setting file for the IXW-MA from the		0	
Station Settings List		0	
Station Settings List.		0	
	· I	0	
C. Calact	1	0	
G - Select		8	
		0	
Select the IXW-MA to be associated with the		<u> </u>	
colocted file from the Station List			
selected life from the otation List.			
		Advan	
H - Apply	1		
Click <b>Apply</b> to associate the selected station			
with the selected file			
with the selected file.		2 Sele	
		2. 0010	
		) Ente	
I - Status		Sea	
Confirm that the IXW-MA has been successfully			
accepted in the Status column	S	Select	
associated in the <b>Status</b> column.		0	
		0	
		0	

#### J - Next

If stations show Success, click Next

				olution octain	ya Liat				
elect	Number	Name	Location	Station Type	Hostname	IP Address	Assoc	ciated	
0	101	IX-MV7-HB		IX-MV7-*		192.168.1.10	Yes		
0	102	IX-MV7-B		IX-MV7-*		192.168.1.11	Yes		
0	103	IX-MV		IX-MV		192.168.1.12	Yes		
0	201	IX-DV		IX-DV, IX-DVF(-*)		192.168.1.13	Yes		
0	202	IX-DA		IX-DA IX-DF(-*)		192,168,1,14	Yes		
0	301	IX-55-2G		IX-55-2G		192 168 1 15	Yes		
õ	302	IX-RS		IX-RS-*		192 168 1 16	Yes		
õ	401	IXW-MA		IXW-MA		102 168 1 17			
	401	1011-100				132.100.1.17	-		
tvan	ced Settings						Syster	n Managem	ent
		Address Book		De	oor Release			Add Ne	w Station
		Station Details		Batch IP A	ddress Configur	ation		Station	Removal
Sele	ct the statior	n to associate with the	setting file.						
Ente	er station MA	C address:			Different Net	tworks			
Sea	rch and sele	ect station within local	network:	<b>C</b>		Statio	n Search Pr	otocol IPv2	
oct	Number	Namo	Location	Station L	IST MAC address	Accord	bo		
CC	Number	Name	Location	Station Type	MAC address	Associat	eu		
2	101	IX-MV7-HB		IX-MV7-*	00:0B:AA:2F	02:DB Yes			
2	102	IX-MV7-B		IX-MV7-*	00:0B:AA:2F	:02:1A Yes			
2	103	IX-MV		IX-MV	00:0B:AA:17	1B:BA Yes			
	201	IX-DV		IX-DV, IX-DVF(-*)	00:0B:AA:27	0B:E7 Yes			
0	301	IX-SS-2G		IX-SS-2G	00:0B:AA:2C	:01:DC Yes			
)	302	IX-RS		IX-RS-*	00:0B:AA:2D	:00:14 Yes			
2	000	IV DA							
0	202	IX-DA		IX-DA, IX-DF(-*)	00:0B:AA:16	:34:D6 Yes			
ŏ	202	IX-DA		IX-DA, IX-DF(-*) IXW-MA	00:08:AA:16 00:08:AA:2E	:34:D6 Yes :00:01 -			
õ	202	IX-DA		IX-DA, IX-DF(-*) IXW-MA	00:08:AA:16 00:08:AA:2E	:34:D6 Yes :00:01 -			
0	202			IX-DA, IX-DF(-*) IXW-MA	00:08:AA:16 00:08:AA:2E	:00:01 -			
•	202	IX-DA		IX-DA, IX-DF(-*) IXW-MA	00:08:AA:16 00:08:AA:2E	34:D6 Yes :00:01 -			
• •	pply	IX-DA	Associate	IX-DA, IX-DF(-*) IXW-MA	00:08:AA:16 00:08:AA:2E	34:D6 Yes :00:01 -			Station Se
<u>م</u>	pply	IA-DA	Associate Automatically	IX-DA, IX-DF(-*) IXW-MA	00:08:AA:16 00:08:AA:2E	34:D6 Yes :00:01 -			Station Se
● A	pply S	croll Down	Associate Automatically	IX-DA IX-DF(-') IXW-MA	00:0B:AA16 00:0B:AA2E	34.D6 Yes 00:01 -		Scroll Dc	Station Se
A	pply s) that have	tropy of the second sec	Associate Automatically	IX-DA (X-DF(-') IXW-MA  elow.  Associated Stat	tions List	34.D6 Yes 00:01 -		Scroll Dc	Station Se
A lion(	s) that have I	croll Down	Associate Automatically a setting file are listed to Location	N-DA (X-DF(-') XW-MA elow. Associated Stat Station Type	tions List	34.D6 Yes 00.01 -	tress	Scroll Dc	Station Se
	s) that have I Number 101	croll Down	Associate Automatically a setting file are listed t Location	IX-DA (X-DF(-') XW-MA elow. Associated Stat Station Type Station Type X-MY7-*	tions List IP Address 192.168.1.10	34.D6 Yes 00:01 - MAC add MAC add 00:08;A	dress \_2F:02:DB	Scroll Do	Station Se
	s) that have Number 101	croll Down	Associate Automatically a setting file are listed t	elow.  Associated Stat Status  Status  Associated Stat Status  Associated Stat Status  Associated Stat  Asso	tions List   P Adress 192 168.10	34.D6 Yes 00:01 - MAC add 00:0B:A 00:0B:A	tress \22F.02:DB \22F.02:TA	Scroll Dc	Station Se
	s) that have Number 101 103	trend associated with Name IX-M/7-B IX-M/7-B IX-M/7-B IX-M/7-B	Associate Automatically	N-DA (X-DF(-') XW-MA  elow.  Associated Stat Station Type IX-M/7-* IX-M/7-	tions List  IP Address 192-168.110 192-168.110 192-168.110	MAC add 00:01 -	fress 12F:02:DB 12F:02:DB 12F:02:DB	Status Success Success Success	Station Se
	s) that have Number 102 103 301	Vame IX-MV7-HB IX-MV7-B IX-MV7-B IX-S2G	Associate Automatically a setting file are listed t Location	elow.  Associated Stat  Station Type V-MY7* IX-MV7* IX-MV7* IX-MV7* IX-MV7* IX-MV7* IX-MV7* IX-MV7* IX-MV7* IX-MV7* IX-MV7 IX-MX IX	tions List   P Adress   22 - 168.112	MAC add 0.0001 - MAC add 0.0008-A 0.008-A 0.008-A 0.008-A	Iress V2F:02:DB V2F:02:1A V17:1B:BA V2C:01:DC	Scroll Dc	Station Se
	s) that have I Number 101 102 103 301	tx-UX troll Down ↓ Name IX-MV7-HB IX-MV7-HB IX-MV7-HB IX-MV7-B IX-MV IX-S2-2G IX-DV	Associate Automatically	elow.  Associated Stat Station Type IX-MY7* IX-MY IX-MY IX-MY IX-MY IX-MY IX-SS-CG IX-CDV[K*)	tions List  P Address 192-168.110 192-168.111 192-168.112 192-168.112	MAC add 00.01 - MAC add 00.08;A 00.08;A 00.08;A 00.08;A 00.08;A	Iress \22F:02:DB \22F:02:TA \177:1B:BA \22C:01:DC \227:08:E7	Scroll Dc Status Success Success Success Success Success	Station Se
	s) that have Number 101 102 301 202	tx-UX troll Down →···· tworr-HB IX-MV7-HB IX-MV7-B IX-MV IX-SS-2G IX-DV IX-DA	Associate Automatically	N-DA (X-DF(-') XW-MA selow. Associated Stat Staton Type X-MV7-* IX-MV7-* IX-MV7-* IX-MV7-* IX-MV7-* IX-MV IX-SS-2G IX-OP (F(-')) IX-OP (X-DF(-'))	00.08:AA16 00.08:AA2E   P Address   P Address   P 2:168.11  92:168.13  92:168.13	MAC add MAC add 00:01 - MAC add 00:08:A 00:08:A 00:08:A 00:08:A 00:08:A	Iress V2F:02:DB V2F:02:DB V2F:02:TA	Scroll Dc Status Success Success Success Success Success Success	Station Se
	s) that have Number 101 102 103 201 202 202	IX-UX croll Down been associated with IX-MV7-HB IX-MV7-HB IX-MV IX-S2G IX-DV IX-DA IX-RS	Associate Automatically	elow.  elow.  Associated Stat Status KMV7* IX-W7* IX-W7* IX-W7 IX-	tions List PAdress 192-168.112 192-168.112 192-168.113 192-168.113 192-168.114 192-168.11	MAC add MAC add 00:01 - MAC add 00:08:A 00:08:A 00:08:A 00:08:A 00:08:A 00:08:A 00:08:A	fress \2F:02:DB \2F:02:DB \2F:02:TA \17:TB:BA \2C:01:DC \27:08:E7 \16:34:D6 \27:08:E7	Scroll Dc Status Success Success Success Success Success Success Success Success	Station Se
	s) that have I Number 101 103 301 202 302 401	tx-UX troll Down →···· two memory →···· two	Associate Automatically a setting file are listed to Location	elow. Associated Stat Station Type K-MV7* IX-MV7+ IX	tions List   P Address  92.168.11  92.168.11  92.168.11  92.168.13  92.168.16.13  92.168.16.13	MAC add MAC add 00:01 - MAC add 00:08:A 00:08:A 00:08:A 00:08:A 00:08:A 00:08:A 00:08:A 00:08:A 00:08:A	dress V2F:02:1A V2F:02:1A V2F:02:1A V2F:02:1A V17:1B:BA V2F:03:10 V16:34:D6 V2D:00:14 V2D:00:14	Status Success Success Success Success Success Success Success Success	Station Se
	s) that have I Number 101 102 301 201 202 302 401	tx-UX troll Down ↓ tx-MV7-HB tx-MV7-HB tx-MV7-HB tx-MV7-HB tx-MV7-HB tx-MV7-HB tx-MV-HB tx-S-2G tx-DV tx-S-2G tx-DV tx-S-2G tx-DV tx-RS tx-NV	Associate Automatically	HEDA (K-DF(-') XW-MA Kelow. Associated Stat Staton Type X-MV7-* IX-MV7-* IX-MV7-* IX-MV7-* IX-MV7-* IX-MV7-* IX-S-2G IX-OV, IX-DVF(-') IX-S5-2G IX-OV, IX-DVF(-') IX-S5-2G IX-OV, IX-DVF(-') IX-S5-2G IX-OV, IX-DVF(-') IX-S5-2G IX-OV, IX-DVF(-') IX-S5-2G IX-OV, IX-DVF(-') IX-S5-2G IX-OV, IX-DVF(-') IX-S5-2G IX-OV, IX-DVF(-') IX-S5-2G IX-OV, IX-DVF(-') IX-S5-2G IX-S5-	UOUB AA 16 00.0B: AA 22 00.0B:	MAC add MAC add 0.00.01 - MAC add 0.00.8/A 0.00.8/A 0.00.8/A 0.00.8/A	1ress V2F:02:DB V2F:02:DB V2F:02:DB V2F:02:1A V2F:02:1A V2F:03:DB	Scroll Dc Status Success Success Success Success Success Success Success Success	Station Se
	s) that have I Number 102 103 103 103 103 103 103 103 103 103 103	Name IX-MV7-HB IX-MV7-B IX-MV7-B IX-MV7-B IX-S-2G IX-DV IX-DA IX-RS IX-DV IX-DA IX-RS IX-MV	Associate Automatically	elow. Associated Stat Station Type IX-MV7-* IX-MV7-* IX-MV7-* IX-MV IX-S-2G IX-DV, IX-DVF(-*) IX-SS-2G IX-DV, IX-DVF(-*) IX-RS-* IX-RS-* IX-RS-* IX-RS-*	tions List   P Adress   22 168.11  192 168.11  192 168.11  192 168.11  192 168.11  192 168.11	MAC add MAC add 00:01 - MAC add 00:08:A 00:08:A 00:08:A 00:08:A	tress \2F-02:DB \2F-02:DB \2F-02:TA	Scroll Do	Station Se
A Ition( Iect	s) that have Number 101 102 103 301 201 202 302 401 move sciation	tx-UX troll Down →··· two means of the second with two means of two means of the second with two means of two means of t	Associate Automatically	elow. Associated Stat Staton Type K-MV7-* IX-MV7-* IX-MV7-* IX-MV7-* IX-MV7-* IX-MV7-* IX-MV7-* IX-MV7-* IX-MV7-* IX-MV7-* IX-MV7-* IX-MV7-* IX-MV-* IX-S-2G IX-OF(-') IX-S-2G IX-OF(-') IX-S-2G IX-OF(-') IX-S-2G IX-OF(-') IX-S-2G I	tions List   P Address   P Address   P 2-168.111   92-168.12   92-168.13   92-168.14   92-168.16	MAC add MAC add 00:01 - MAC add 00:08:A 00:08:A 00:08:A 00:08:A 00:08:A	fress tv2F:02:DB tv2F:02:DD tv2F:	Scroll Dc Scroll Dc Success Success Success Success Success Success Success	Station Se
A ion( lect	s) that have Number 101 103 301 201 202 302 401 move sciation	tx-UX croll Down →··· been associated with IX-MV7-HB IX-MV7-HB IX-MV7-B IX-MV IX-S5-2G IX-DX IX-DX IX-DX IX-DX IX-M	Associate Automatically	elow. Associated State Station Type X-MY7*	tions List [] P Address 192.168.110 192.168.111 192.168.111 192.168.111 192.168.116 192.168.111 192.168.111 192.168.1100 192.168.1100 192.168.100 192	MAC add MAC add 00:01 - MAC add 00:08:A 00:08:A 00:08:A 00:08:A 00:08:A	1/ress K2F:02:DB K2F:02:DB K2F:02:1A K17:1B:BA K27:0B:E7 K16:34:D6 K2D:00:14 K2E:00:01	Scroll Dc Success Success Success Success Success Success Success	Station Se wm

### SIF Settings (Go to Page 8 for IX-BA, IX-DA, and IX-MV Settings)

### Step 1: Enabling SIF Functionality for IX Series Stations

The IXW-MA will only recognize the **change contact** transmission trigger. All other transmission triggers will be ignored by the adaptor. The transmission trigger is sent from the station receiving the release command to the IXW-MA. The following process outlines the settings required to send this SIF event by the door station. From the menu on the left, expand **Function Settings** and select **SIF**.



### 1.7 - Scroll Right

Scroll the window to the right until the **Change contact** column is displayed.

### 1.8 - Change Contact

Check the **Change contact** box for each station that will communicate with the IXW-MA.

1.9 - Update
Click <b>Update</b> to store the settings and continue to the next step.

### SIF Settings for IX-BA, IX-DA, and IX-MV Stations the IXW-MA



Only these models of stations need to have a SIF.ini file uploaded to them. SIF uploads will always fail on other station models. See the previous page for SIF programming steps for those stations.

### Step 1: Creating the SIF.ini File

Creating a line of code, in the form of a .ini file, is required to allow an IX Series (IX-DA, IX-BA, IX-MV) station to communicate to the IXW-MA. The example below is shown using a common text editor (e.g. Notepad), and saving it with a .ini extension.

Program Type:	Must be binary number 0100.
IXW-MA IP Address:	IP address assigned to the IXW-MA .
Destination Port: SSL Y/N :	Input 0 if disabled, input 1 if enabled.

Example Text File:

0100,192.168.1.17,65014,1									
					Υ				
Prog	ram	IXW-N	1A	Destination	SSL				
Тур	e	IP Addr	ess	Port	Y/N				
File	Edit	Format	View	Help					
0100	,192	.168.1	.17,6	5014,1			$\wedge$		
	-								
							~		
<						>			

Save the SIF file with a .ini extension (.ini must be typed manually) to a location on the PC being used for programming the IX Series stations. This file must be uploaded to each device associated with the IXW-MA using the instructions that follow.

File <u>n</u> ame:	SIF.ini							
Save as <u>t</u> ype:	Fext Documents (*.txt)							
💿 <u>B</u> rowse Folders	Encoding: ANSI   Cancel							

Step 2: Enabling SIF Functionality for IX Series Stations

	Table View	Station Number: Station Name:	202 IX-DA	Type:	Select Station to Edit	
- Paging Settings - Bathroom Call - Email - CGI	Station View	Location: Station Type:	IX-DA, IX-DF(-*)	Number: Previous	202 Select	~ Next
SE     Recrd     Communication Audio Mess     Chime     CSR     SSL Certificate     IEEE 802.1X     Display Mode     Bathroom Link     Distribute Settings	Call Settings     Option Input / Relay Output Se     Option Input     Relay Output     Paging Settings     Function Settings     Door Release     Network Camera Integrati	SIF	onality	O Disable	9	
2.1 - SIF Settings From the menu on the left, expand Function Settings and select SIF.	2.2 - Station View Click Station View	<b>2.3 - Select</b> Use the Number and choose the ensure that the o screen.	Station r drop-down under Select Statior IX Series door station. Click Sel door station is shown in upper left	to Edit ect and of the	<b>2.4 - Enable SIF</b> Select the <b>Enable</b> radio button for SIF Functionality.	

# SIF Settings for IX-BA, IX-DA, and IX-MV Stations the IXW-MA

Step 2: Enabling SIF Functionality for IX Series Stations (continued)

2.5 - Scroll Down	ort Tool							, Update
Scroll down until <b>SIF File</b> Management is displayed.	e: IX-DA, IX-DF(-*)							
	Station Number:	202			Select Station to	Edit		Copy Settin
2.6 - Browse	Location:	IX-DA		Type: Number:	All 202	~	Copy to all stat     Copy to station	ions is by Type
Click Browse to select the	Station Type:	IX-DA, IX-DF(-*	*)	Previous	Select	Next	Settings: •: Indicates fields	Network Camera Inte
SIF.ini file that was created in Step 1.								Сору
2.7 - Upload	SIF File M	Aanagement						
Click Upload to send the	SIF Comm	unication Settings	(sif.ini)	Documents\SIE ini			Browse	d
selected file to the station.			Download	Documentation .im			Dionac	<u> </u>
			To upload, station	must be associated.				
2.8 - Update								
Click <b>Update</b> to save changes.								

# **IXW-MA Relay Output Settings**

Step 1: Configuring individual IXW-MA Relays

	Ro	1147	Previous		ovt	[Dis	olay Settings]			
Table View		///	TTEVIOUS		CAL	Rela	ay Output 1 V [Weekly Schedule]			
	Enter	Number			Display		Schedule View Ad			
	Numb	er of Notes:6	1. Contact C	Chan	ge SIF Event is a	ssociated with Cha	ange Contact of Relay Output 1 from SIF Orig			
Station View	2. When set to blank, it will perform in association with the contact change of Relay Output 1 on a									
	È			_						
Call Settings		Station Infor	mation			Option Input / Re	ay Output Settings			
Option Input / Relay Output St		Identification				Relay Output				
Option Input	#				oc Station Type	Relay Output 1				
Relay Output		Number 🔺	Name Lo	Loc						
Paging Settings						Name	Function			
Function Settings										
···· Door Release	0001	101	IX-MV7-HB		IX-MV7-*		Door Release			
Network Camera Integrati	0002	102	IX-MV7-B		IX-MV7-*		Door Release			
Paging Settings	0003	103	IX-MV		IX-MV		Door Release			
Email	0004	201	IX-DV		IX-DV, IX-DVF(-		Door Release			
CGI	0005	202	IX-DA		IX-DA, IX-DF(-*)		Door Release			
SIF	0006	301	IX-SS-2G		IX-SS-2G		Door Release			
Record	0007	302	IX-RS		IX-RS-*		Door Release			
Communication Audio Me     Chime	0008	401	IXW-MA		IXW-MA		Contact Change SIF Event			

### 1.1 - Relay Output

From the menu on the left, expand **Option Input / Relay Output Settings** and select **Relay Output**.

### 1.2 - Select Relay Output

Use the Relay Output drop-down menu to select a relay output.

### 1.3 - Function

Use the Function drop-down menu to select **Contact Change SIF Event** for the IXW-MA.

# **IXW-MA Relay Output Settings**

Step 1: Configuring the individual IXW-MA Relays (continued)

AIPHONE IX Support Tool										Upda	te			
Table View	Row		Previous	Previous Next			[Display Settin Relay Output	gs] 1 ~	[Weekly S	Schedule]	[Daily Sched	ule] Disp	ay Range	
	Enter	Number			Display				Schedu	le View Adjustment	4/ 1/201 V	1	~	- 3
Station View	Numb	er of Notes:6	1. Contact 2. When se	Char It to t	nge SIF Event is a lank, it will perforr	ssociated v m in associ	vith Change Cont ation with the cor	act of Relay O Itact change o	utput 1 fror f Relay Ou	m SIF Origination Static tput 1 on all SIF comm	on. and originating	g stations.		
		Station Info	rmation	ation Option Input / Relay Output Settings						Т	ext in red a	ire required	1 settings.	
- Option Input / Relay Output Se		Identificatio	n				Relay Output							
- Option Input	Option Input #					Relay Ou	tput 1			Relay Output 1 (Outp	ut Time is vali	d when Rel	lay Output f	function is s
Relay Output		Number	Name	Loc	c Station Type	Contact Change SIF Event								
Paging Settings     Euclide Settings						Number	Station List	Option Relay	Control	Output Time Range		Output Tin	ne	
- Door Release	0001	101	IX-MV7-HB	-	IX-MV7-*			Disable		200-2000 [msec]				400
- Network Camera Integrati	0002	102	IX-MV7-B		IX-MV7-*			Disable		200-2000 [msec]				400
- Paging Settings	0003	102	IX-MV					Distants		200-2000 [msec]				400
- Bathroom Call	0000	105						Dischie		200-2000 [maec]				400
Email	0004	201	IX-DV		IX-DV, IX-DVF(-			Disable		200-2000 [msec]				400
CGI	0005	202	IX-DA		IX-DA, IX-DF(-*)					200-2000 [msec]				400
SIF	0006	301	IX-SS-2G		IX-SS-2G			Disable		200-2000 [msec]				400
Record	0007	302	IX-RS		IX-RS-*			Disable		200-2000 [msec]				400
- Communication Audio Me - Chime	0008	401	IXW-MA		IXW-MA	201	Open	Disable		200-2000 [msec]				400

### 1.4 - Contact Change SIF Event

Scroll the window to the right until **Relay Output 1, Contact Change SIF Event** is displayed. 1.5 - Select a Station Click Open and select the Station Number of the station to communicate with the IXW-MA.

### 1.6 - Update

Click Update to save changes.

### **Uploading Settings to Stations**



stations. Then, click Select

# **Exporting the Settings**

File(F)     Edit(E)     Language(V)     Tools(T)     H       Create     New System       Belet     Existing System       Delete     Existing System       Update     Settings       Download     Settings From Station	K Support Teel Vitard: Export Settings]      Export Settings      The system has been successfully configured.     Aphone recommends to export and back up the system configuration files and leave them on-site with the     end user.     This backup can be imported into the IX Support Tool and used to modify the system.	Rrowse For Folder X Select Folder
<ul> <li>Upload Settings 10 Station</li> <li>Upload SEL Certificate</li> <li>Import Setting File</li> <li>IX Support Tool Export System Configuration</li> <li>Export to Line Supervision Software</li> <li>Exit</li> </ul>	Epot	▼       This PC       ∧         >       30 Objects       >         >       Bocuments       >         >       Downloads       >         >       Maxic       >         >       Tictures       >         >       Local Disk (C.)       >       >         >       ≥       Compone Dive (Dr)       >         >       ⊆ Common Drive (Pt)       ✓       ✓         Make New Folder       OK       Cancel         Finish
1.1 - Export Settings Navigate to File on the top menu bar and select Export System Configuration.	1.2 - Export       1.3 - Select Folder         Click Export       Select location to save the file then click OK	1.4 - Finish Click Finish

Note:

If the original program file is lost, or Support Tool is moved to a different PC, this copy can be used to access the system programming to add or remove a station, or to make programming changes.

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