

## IX Series

### Option Relay Control with Speed Dial Button

#### Getting Started

The relays on an IX Series station can be configured to be controlled via a speed dial button on the IX-MV7. This document will show the process of how to enable the relay control feature on a door station, and how to set a speed dial button on the IX-MV7 to trigger that relay.

In this example, relay 2 will be configured for Option Relay control. This would be done if relay 1 was used to open the front door to allow a visitor into a vestibule using the door release button, then relay 2 could be used to open the vestibule door using a speed dial button.

#### Configuring the Relay Output

From the left hand side menu, expand **Option Input/Relay Output Settings** and click **Relay Output**.

#	Number	Name	Location	Station Type	Relay Output 2	Relay Output 2 (Output Time is)	Authentication Key
0001	0001	Master Station1		IX-MV7-*	Disable	3-600 [sec]	
0002	0002	Master Station2		IX-MV7-*	Disable	3-600 [sec]	
0003	0003	Video Station1		IX-DV, IX-DVF(-*)	Enable	3-600 [sec]	
0004	0004	Video Station2		IX-DV, IX-DVF(-*)	Disable	3-600 [sec]	9999

#### Display Settings

Use the **Display Settings** drop-down menu and select **Relay Output 2**.

#### Option Relay Control

Scroll right to locate the **Option Relay Control** column and select **Enable** from the drop-down.

#### Authentication Key

Scroll right to locate the **Option Relay Control Authentication Key** column and enter a 1-20 digit key value for added security.

Click **Update** to save the changes.

#### Speed Dial / Favorites

From the left hand side menu, expand **Station Settings** and click **Speed Dials / Favorites**.

#	Number	Name	Location	Station Type	Speed Dial Name	Function
0001	0001	Master Station1		IX-MV7-*	Vestibule Door	Option Relay Control
0002	0002	Master Station2		IX-MV7-*		No Function

Total	Station List	Output Time Range	Output Time	TLS	Option Relay Control Key
1	Open	3-600 [sec]	5	Enable	9999
0	Open	0 (Momentary)	0	Disable	

#### Speed Dial 1

Enter a name that will appear on the speed dial button in the **Speed Dial Name** column and select **Option Relay Control** using the drop-down menu under **Function**.

#### Station List

Scroll right to locate the **Option Relay Control** column. Click the **Open** button under **Station List**. Select the door station that was configured in the previous step.

#### Option Relay Control

Locate the **TLS** column and use the drop-down menu to select **Enable**. This added security requires the **Option Relay Control Key** to be entered.

Click **Update** to save the changes.

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

## Output Time (Optional)

Once updated, the **Speed Dials / Favorites** setting page will reset back to its original positioning. From here, the **Total** column will now show the quantity of speed dials set. By default, the Output Time (how long the contact closure is activated) will be set to momentary. Momentary means the contact closure will be activated for as long as the speed dial button is pressed down.

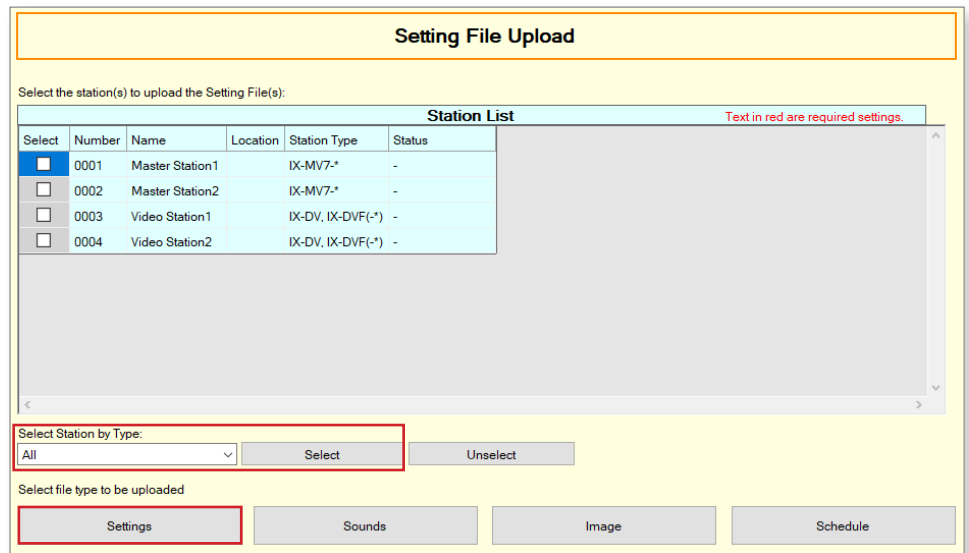
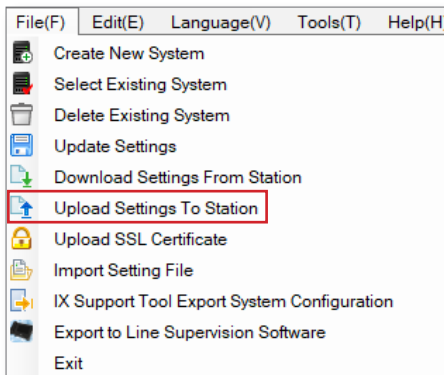
Option Relay Control			
Total	Station List	Output Time Range	Output Time
1	Open	3-600 [sec]	5
0	Open	0 (Momentary)	0

**Output Time**  
Use the drop-down to select the **Output Time Range** and input the **Output Time** accordingly.

Click **Update** to save the changes.

## Upload Settings to Stations

The setting changes are not saved on the stations until they have been uploaded. Follow the steps below to upload the setting data to the stations.



**Upload Settings to Station**  
From the top menu bar, click **File** and select **Upload Settings To Station**.

**Select Stations**  
Use the **Select Station by Type** drop-down menu to select **All** and click **Select**.

**Settings**  
Click the **Settings** button to upload the setting changes made in the previous steps.