

IX Series

IX Bell Schedule Tool



GENERAL OVERVIEW

This document describes the process of configuring new and existing bell schedules for the IX Series using the IX Bell Schedule Tool, in conjunction with the IX Support Tool programming software.

Before Launching the Tool

- ☐ **IX Support Tool (version 7.1.0.0 or higher) installed on the same PC**
Windows 7/8.1/10 (32/64bit)
- ☐ **IX Bell Schedule Tool installed on the PC**
Windows 7/8.1/10 (32/64bit)
- ☐ **Configurations for the IX Series are loaded to IX Support Tool**
- ☐ **PC is in the same subnet as the IX Series stations, or proper routing has taken place to allow communication**
- ☐ **IX Support Tool software login ID and password has been gathered**
- ☐ **Custom sound files are loaded to all of the IX devices in the bell schedule.**
.wav, sample size 16 bits, 8 or 16 kHz, monaural
- ☐ **Verify that all IX Series stations are set to the correct time.**

System Requirements

Operating System	Windows® 7 Professional, Windows® 7 Enterprise, Windows® 7 Ultimate, Windows® 8, Windows® 8 pro, Windows® 8 Enterprise, Windows® 8.1, Windows® 8.1 Pro, Windows® 8.1 Enterprise, Windows® 10 Home, Windows® 10 Pro, Windows® 10 Enterprise, Windows® 10 Education
CPU	32 bit (x86) processor or 64 bit (x64) processor, 1GHz or higher
Memory	4GB
Screen Resolution	1280 x 768

Table of Contents

Page 2 **Logging in and Selecting a System Configuration**

Pages 3-5 **Creating Bell Schedules**

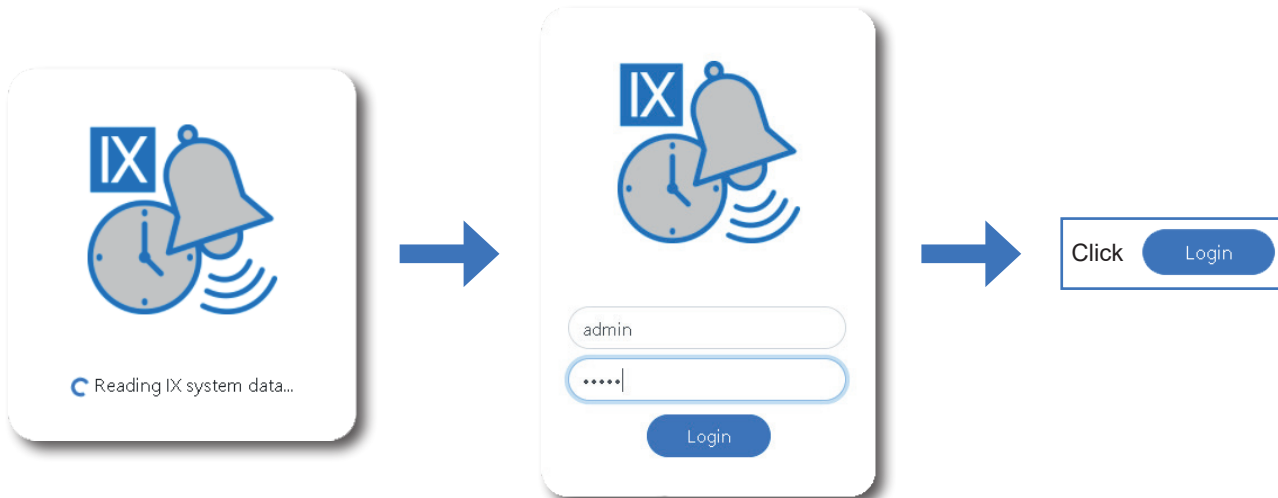
Page 6 **Linking Bell Schedules to Stations**

Page 7 **Upload Bell Schedule to Stations**

Pages 8-9 **Uploading Custom Sounds through IX Support Tool**

Logging In

When the tool is launched, it will automatically begin searching for the IX system data on the PC. Once it has found the data, type in the IX Bell Schedule Tool's ID and Password (Default: **admin/admin**) and click [Login](#).



Select System

Select the System Name for the IX configuration that requires the bell schedule. Once it is selected, click on **2. Create Bell Schedule** to continue.

AIPHONE IX Bell Schedule Tool

File View Help

1. Select System 2. Create Bell Schedule 3. Add Stations 4. Apply Schedule

System Name

☒ Bell Schedule Test

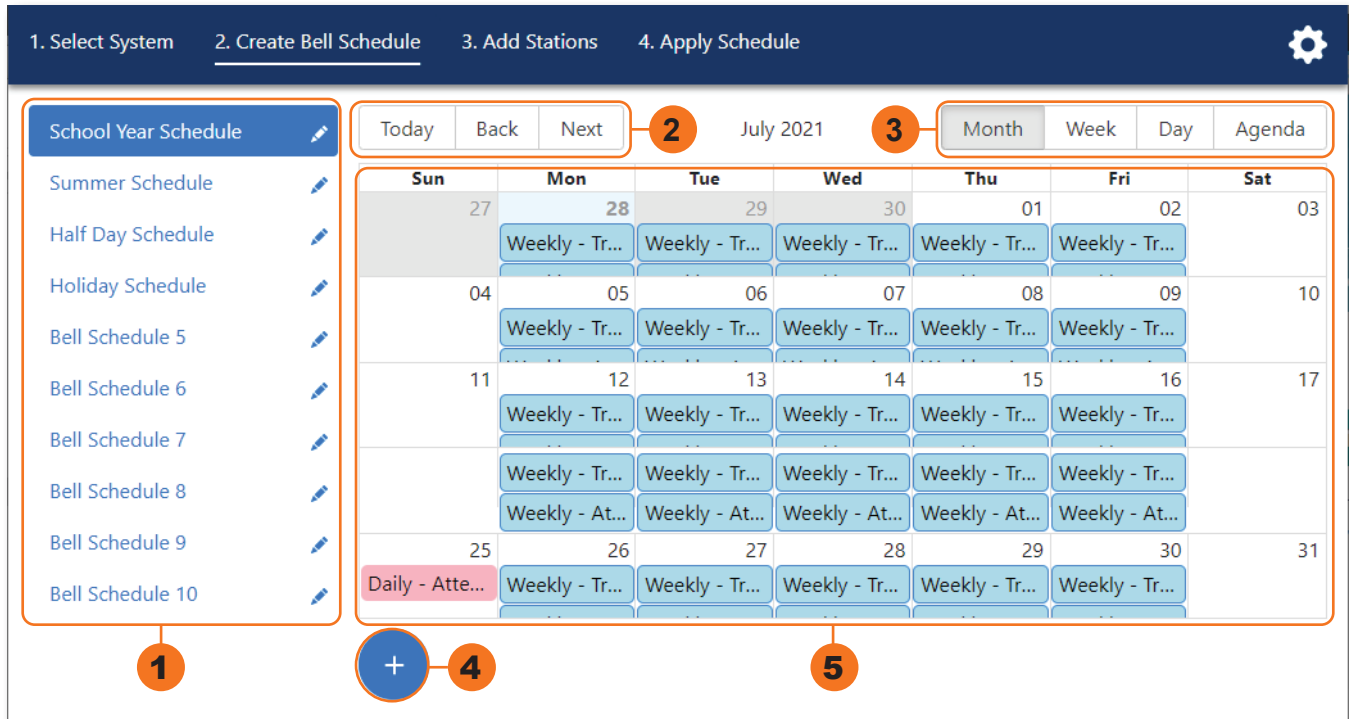
☐ Goddard

System Name

The IX Bell Schedule Tool will automatically populate all IX Series configurations loaded into the local IX Support Tool client. Configurations on a separate PC will need to be exported and sent to the PC running IX Bell Schedule Tool to be usable.


Create Bell Schedule

The Create Bell Schedule window is where up to 10 individual bell schedules can be created with weekly and daily events. Up to 50 weekly (recurring) events and up to 50 daily (one-off) events can be assigned to a single day.







- 1 Schedule Selection** - Select and rename up to 10 different schedules
- 2 Schedule Navigation** - Cycles to the next, current, or previous schedule time frame (month, week, day)
- 3 Calendar Display** - Select between a monthly, weekly, or daily format, or display as a list.
- 4 Add Chime Schedule** - Add a weekly or daily chime schedule event
- 5 Event Display** - Shows current events based on the format chosen in Calendar Display.

Create Bell Schedule - Schedule Selection

Choose the schedule to create or edit from the list on the left. Schedule names can be edited by clicking on the  icon.

Elementary School
Middle School
High School
Holiday

Bell Schedule 5

Note

Only one bell schedule can be used by a station at a time.

Bell Schedule suggestions

Bell schedules should be made for groups of stations with identical bell requirements.

- By grade (*Middle School, High School, etc.*)
- Universal Holiday schedule (*all stations*)
- Limited access (*temporary or partial closure*)

Create Bell Schedule - Schedule Navigation

Use the **Next** and **Back** buttons to cycle the calendar display to the next or previous month/week/day. Pressing the **Today** button will switch the calendar display back to the current month/week/day.

Today
Back
Next

Note

Events that have already occurred will no longer populate on the calendar.

Create Bell Schedule - Calendar Display


Toggles the calendar display between a **Month**, **Week** or **Day** format. The **Agenda** view will switch to a list format.

Month
Week
Day
Agenda

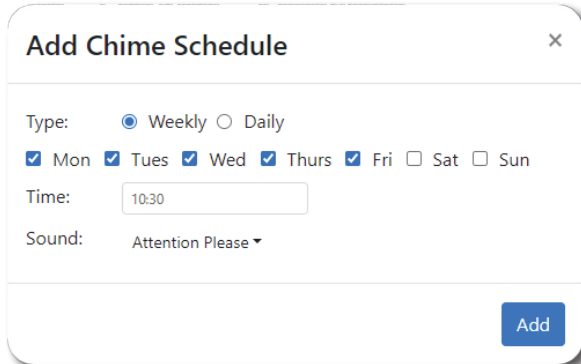
Note

Events can only be removed in the **Month**, **Week**, and **Day** views.

Create Bell Schedule - Add Chime Schedule

Open up the Add Chime Schedule window by pressing the  button. Choose between a weekly event or a daily event type. Weekly events will occur on the designated days for the next year and Daily events will only occur once on the designated date and time. Once the day/days and time is set, use the **Sound:** drop-down menu to select a sound file to play.

Weekly Chime Schedule



Add Chime Schedule

Type: ☒ Weekly ☐ Daily

☒ Mon ☒ Tues ☒ Wed ☒ Thurs ☒ Fri ☐ Sat ☐ Sun

Time:

Sound: **Attention Please** ▼

Add

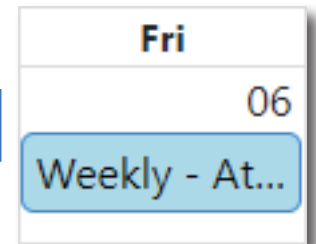
Day Selection

Check each day that the event will trigger for this year.

Time

Fill in the time that the event will occur at on the selected days.

Click **Add**

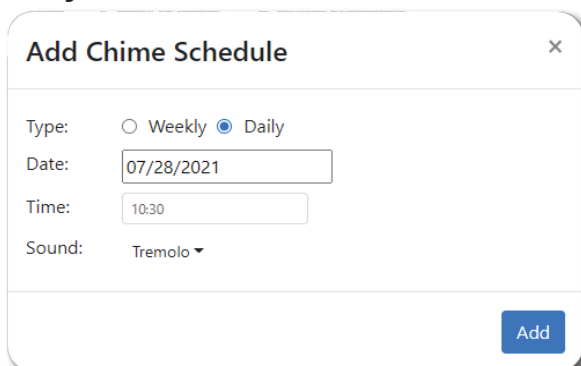


Fri

06

Weekly - At...

Daily Chime Schedule



Add Chime Schedule

Type: ☐ Weekly ☒ Daily

Date:

Time:

Sound: **Tremolo** ▼

Add

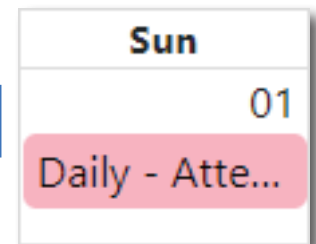
Date Selection

Click on the Date field to select a day from the calendar.

Time

Fill in the time that the event will occur on the specified day.

Click **Add**



Sun

01

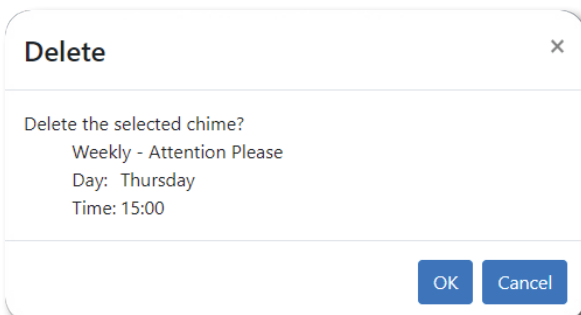
Daily - Atte...

Custom Sound Files

The **"Sound:"** drop-down will display all default sounds and any custom sound file that has been registered to any station in the system. It is recommended to make sure that all stations using this schedule have the same sound files registered to them. For instructions on how to register sound files, please refer to pages 8 and 9 of this document.

Create Bell Schedule - Delete Chime Schedule

To delete a chime schedule, click on its entry on the calendar. Press OK to delete the entry or Cancel to go back to the calendar.



Delete

Delete the selected chime?

Weekly - Attention Please

Day: Thursday

Time: 15:00

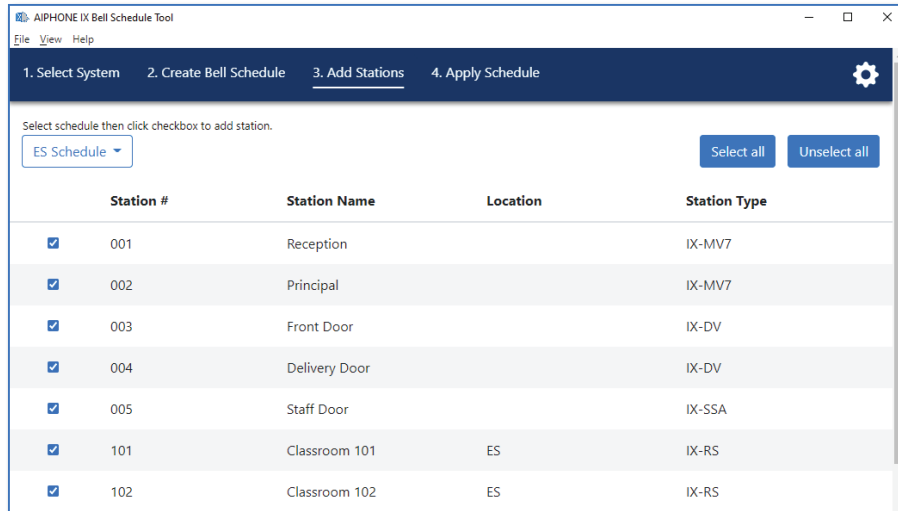
OK **Cancel**

Note

Deleting a Weekly event will only remove it from that day of the week for the year. The same event on other days of the week will be unaffected.

Add Stations

Use the drop-down to select the Bell Schedule, then check all of the IX Series stations that will be associated with that Bell Schedule. Stations can be added to multiple schedules, but only one can be actively loaded at a time. Once the stations are added to their Bell Schedules, click on **4. Apply Schedule**.



Select schedule then click checkbox to add station.

ES Schedule Select all Unselect all

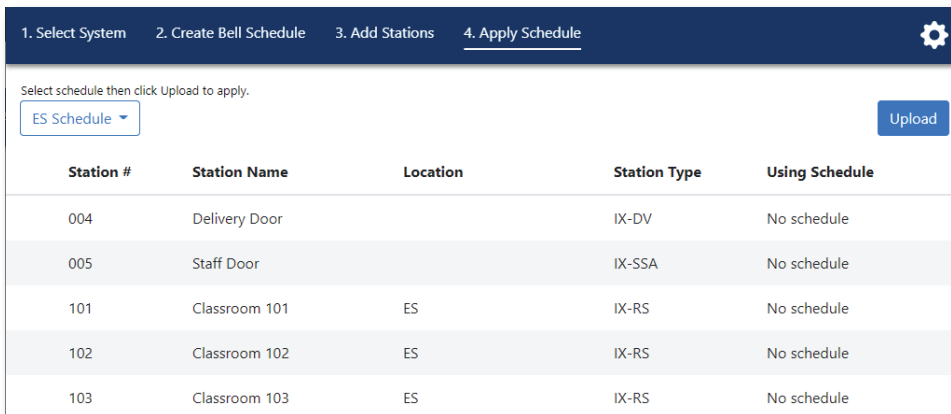
	Station #	Station Name	Location	Station Type
<input checked="" type="checkbox"/>	001	Reception		IX-MV7
<input checked="" type="checkbox"/>	002	Principal		IX-MV7
<input checked="" type="checkbox"/>	003	Front Door		IX-DV
<input checked="" type="checkbox"/>	004	Delivery Door		IX-DV
<input checked="" type="checkbox"/>	005	Staff Door		IX-SSA
<input checked="" type="checkbox"/>	101	Classroom 101	ES	IX-RS
<input checked="" type="checkbox"/>	102	Classroom 102	ES	IX-RS

Locations

For systems that will need multiple Bell Schedules assigned to different groups of stations, the Location Registry in IX Support Tool will make it easy to differentiate the stations in this section.

Apply Schedule

Use the **Select Schedule** drop-down to choose which schedule to upload, and press the Upload button.



Select schedule then click Upload to apply.

ES Schedule Upload

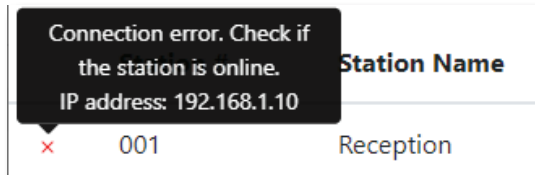
Station #	Station Name	Location	Station Type	Using Schedule
004	Delivery Door		IX-DV	No schedule
005	Staff Door		IX-SSA	No schedule
101	Classroom 101	ES	IX-RS	No schedule
102	Classroom 102	ES	IX-RS	No schedule
103	Classroom 103	ES	IX-RS	No schedule

Note

Uploading the schedule to the stations will also update the configuration in IX Support Tool, even if the stations are currently offline.

Error Messages

- A failed schedule upload will be represented by an ✖ to the left of the station listing. Hovering over this will identify the reason for the failure and the IP address of the station.
- If a schedule has a sound file not registered to a station, uploads to that station will immediately fail.



Connection error. Check if the station is online.
IP address: 192.168.1.10

	Station Name
✖	001 Reception

IX Support Tool - Registering and Uploading Custom Sound Files

Getting Started

The following guide covers registering and uploading custom sound files to IX Series stations, as well as uploading the sound files used with the Chime Schedules with **Support Tool v7.1.0.0 or higher**. The sound files used as chimes must meet the following requirements.

- **File Type:** .wav
- **Name:** 1-41 alphanumeric characters (without file extensions)
- **Sample Size:** 16 bits
- **Sample Rate:** 8 kHz (if audio codec G.711) or 16 kHz (if audio codec G.722)
- **Channel:** 1 (monaural)
- **Length:** Less than 200 Seconds.

Sound Registry

Expand **System Information** and select **Custom Sound Registry**. This screen will allow for individual selection of sound files by clicking **Browse** for each station. However, the recommended method is to click the **Custom Sound Registration** button at the top of the page. The **Custom Sound Registration** window will appear with each station listed.

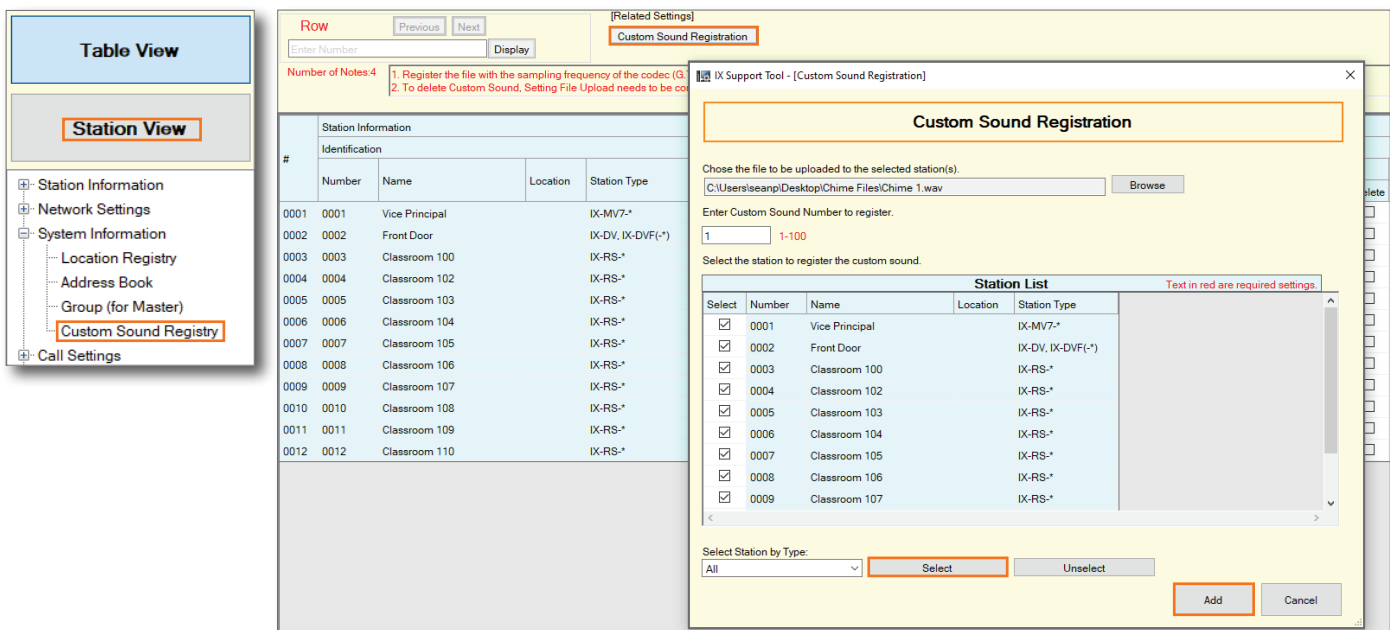


Table View

Station View

- Station Information
- Network Settings
- System Information
 - Location Registry
 - Address Book
 - Group (for Master)
 - Custom Sound Registry**
- Call Settings

Custom Sound Registration

Chose the file to be uploaded to the selected station(s).
C:\Users\seamp\Desktop\Chime Files\Chime 1.wav **Browse**

Enter Custom Sound Number to register.
1 1-100

Select the station to register the custom sound.

Select	Number	Name	Location	Station Type
<input checked="" type="checkbox"/>	0001	Vice Principal		IX-MV7-*
<input checked="" type="checkbox"/>	0002	Front Door		IX-DV, IX-DVF(-*)
<input checked="" type="checkbox"/>	0003	Classroom 100		IX-RS-*
<input checked="" type="checkbox"/>	0004	Classroom 102		IX-RS-*
<input checked="" type="checkbox"/>	0005	Classroom 103		IX-RS-*
<input checked="" type="checkbox"/>	0006	Classroom 104		IX-RS-*
<input checked="" type="checkbox"/>	0007	Classroom 105		IX-RS-*
<input checked="" type="checkbox"/>	0008	Classroom 106		IX-RS-*
<input checked="" type="checkbox"/>	0009	Classroom 107		IX-RS-*

Select Station by Type:
All **Select** Unselect **Add** Cancel

Browse

Click **Browse** and select the sound file to be uploaded to each station.

Select the Stations

Enter the Custom Sound Number to register the sound file to, starting with 1. Select **All** from the drop-down menu and click **Select**.

Add

Click **Add** to return to the previous screen. Repeat this process for each sound file to be uploaded.

Click **Update** to save changes.

Setting File Upload

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

Setting File Upload

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

Station List					
Select	Number	Name	Location	Station Type	Status
<input checked="" type="checkbox"/>	0001	Vice Principal		IX-MV7-*	-
<input checked="" type="checkbox"/>	0002	Front Door		IX-DV, IX-DVF(-*)	-
<input checked="" type="checkbox"/>	0003	Classroom 100		IX-RS-*	-
<input checked="" type="checkbox"/>	0004	Classroom 102		IX-RS-*	-
<input checked="" type="checkbox"/>	0005	Classroom 103		IX-RS-*	-
<input checked="" type="checkbox"/>	0006	Classroom 104		IX-RS-*	-
<input checked="" type="checkbox"/>	0007	Classroom 105		IX-RS-*	-
<input checked="" type="checkbox"/>	0008	Classroom 106		IX-RS-*	-
<input checked="" type="checkbox"/>	0009	Classroom 107		IX-RS-*	-
<input checked="" type="checkbox"/>	0010	Classroom 108		IX-RS-*	-

Select Station by Type:

All

Select

Unselect

Select file type to be uploaded

Settings

Sounds

Schedule

Select Stations

Use the **Select Station by Type** drop-down menu and choose **All**, then click **Select**.

Sounds

Click **Sounds** to upload the sound files to each station.