

**Honeywell**

# **X-SMART System Management Software**

## **User Manual**



## **Copyright**

© 2012 Honeywell International Inc. All rights reserved.

No part of this document may be reproduced in any form without the written permission of the copyright owner.

## **Disclaimer**

The contents of this document are subject to revision without notice due to continued progress in methodology, design, and manufacturing. Honeywell shall have no liability for any error or damage of any kind resulting from the use of this document.

## **Trademark List**

All trademarks mentioned herein are the property of their respective owners. These are shown in the document Trademark Information.



Contents

- Preface ..... 1
  - Overview ..... 1
  - Intended Audience ..... 1
  - Related Documents ..... 1
  - Use Instructions ..... 1
  - The Special Terminology ..... 2
- 1 X-SMART Introduction..... 3**
- 2 Software Installation..... 3**
  - System Requirements ..... 3
  - Software Installation ..... 4
  - Software Uninstallation ..... 6
- 3 Basic Operations ..... 6**
  - Installing the USB Software Protection Dongle ..... 6
  - Starting the Software ..... 6
  - Exiting Software ..... 7
  - Software Languages ..... 7
  - Viewing Logs ..... 8
  - User Operations ..... 9
    - Lock ..... 9
    - Exiting the Software ..... 9
    - About the Software ..... 9
  - Data Backup & Recovery ..... 9
- 4 System Configurations..... 10**
  - Device Configurations..... 11
    - Adding Devices..... 11
    - Editing Devices..... 12
    - Deleting Devices..... 12
    - NPM Voice Audition ..... 12
    - Importing Configuration Files ..... 13
  - Group Configurations..... 13
    - Adding Groups..... 13
    - Editing Groups..... 14
    - Deleting Groups..... 14
    - Viewing Group Details ..... 14
    - Adding the Zones of a Group ..... 14
    - Deleting the Zones of a Group ..... 14
    - Viewing the Zone Information of DCS ..... 14
    - Editing the Zone Information of DCS ..... 15
  - Map Configurations..... 15
    - Managing Maps ..... 15
    - Configuring Maps ..... 16
  - Audio Configuration ..... 18
    - Configuring Audio Play Lists ..... 19
    - Configuring Play Lists ..... 20
    - Configuring Play List Content..... 21
  - Task Configuration ..... 21

Adding Play Task.....	22
Editing Play Tasks .....	23
Deleting Play Tasks .....	23
Timing Configurations.....	24
Configuring Daily Schedules .....	24
Configuring Weekly Schedules .....	25
Configuring Special Schedules .....	26
User Configurations.....	27
Adding a Normal User and Setting User Rights.....	27
Editing a User and Setting User Rights .....	28
Deleting Users .....	28
<b>5 Playing Tasks .....</b>	<b>28</b>
Toggling Between Normal and Emergency States.....	29
Close Zone .....	30
Task Execution Status Setting .....	30
View Mode.....	30
Volume Control.....	32
Viewing Task Details .....	33
Temporary Tasks.....	33
<b>6 System Warning .....</b>	<b>38</b>
<b>7 Server Parameter Settings .....</b>	<b>38</b>

## Preface

Thank you for purchasing the X-SMART System Management Software. Read this manual carefully to ensure the proper use of this product.

---

## Overview

---

This manual introduces the basic configurations and operations of the X-SMART System Management Software. The manual consists of the following chapters:

**Chapter 1: System Overview**

Describes an overview of the X-SMART software, and explains the key system features.

**Chapter 2: Software Installation**

Describes the system requirements, installation and uninstallation procedures for the X-SMART software.

**Chapter 3: Basic Operations**

Describes the basic operations of the X-SMART software.

**Chapter 4: System Configurations**

Describes how to configure the Device, Group, Map, Audio, Task, Timing, and User in the system.

**Chapter 5: Task Play**

Describes how to manage tasks by using the Task Play function.

**Chapter 6: System Warning**

Describes how to view the system warnings.

**Chapter 7: Server Parameter Configurations**

Describes how to set the server parameters.

---

## Intended Reader

---

This manual is intended for users who need to understand, install, and use this software.

---

## Related Documents

---

The following documents can be used as a reference:

- X-618 Public Address and Voice Alarm System Product Description
- X-618 Public Address and Voice Alarm System Commissioning Manual

---

## Use Instructions

---

- The figures in this manual are for illustration purposes only.
- The information contained herein is subject to change without notice.
- It is strongly recommended to read all warnings and notes in this manual carefully.
- Read this manual before operating this product, and keep the manual for further reference.
- This manual has been reviewed and approved. In case of any doubt or dispute of the product description, the final interpretation given by the Life Safety A/V (Guangzhou) Co., Ltd. shall prevail.

- The Life Safety A/V (Guangzhou) Co., Ltd is not liable for any consequences caused by user mistakes when using the product or user misunderstandings of the manual content.

---

## The Special Terminology

---

- DCS Digital Integrated system manager
- NPM Programmable network paging console
- NRI Network Resource Interface
- DA High Efficiency Power Amplifier
- Task Basic of broadcasting function, including audio source, play policy, play zone etc.

# 1 X-SMART Introduction

The X-SMART System Management Software includes a server-side system resource platform and a client-side management system to perform centralized management of related devices through an Ethernet network. The software is used to monitor the system status, make announcements, play audio, and manage logs. There are two kinds of X-SMART software to meet the different requirements of projects of different sizes. One is for small and medium-sized project, and the other is for larger projects. These two kinds of software have the same operations. However, the number of Distributed Control Systems (DCS) they control and the size of the devices connected are different.

- The small and medium-sized project software can manage 20 DCSs at most, and play audio using 20 channels maximum through the network, among which 5 channels are for fire alarms and 15 for normal announcements.
- The large project software can manage up to 250 DCSs and play audio using 60 channels through the network, among which 10 channels are for fire alarms and 50 for public address.

X-SMART has the following key features:

- Flexible management of operation permissions
- Supports displaying the network as a visual map
- Displays the device ID, Type, and IP address
- Monitors the status of all devices in the system
- Supports multiple broadcast modes of operation
- Records event logs and fault logs
- Supports backing up the system data

## 2 Software Installation

This chapter describes the software execution environment and installation and uninstallation procedures of the X-SMART software.

---

### System Requirements

---

- The recommended configuration for a server-side X-SMART configuration are as follows:
  - 2GHz or faster CPU; dual-core processors or better are recommended
  - 4GB or more of RAM minimum
  - 250GB or more of available disk space
  - 10MB/100MB Ethernet interface
  - At least 1 USB port
  - Operating Systems: Windows XP, Windows Vista, Windows 7, Windows Server 2003, and Windows Server 2008
- The configuration for a client-side X-SMART configuration are as follows:
  - 2GHz or faster CPU
  - 2GB or more of RAM minimum
  - 250GB or more of available disk space
  - 10MB/100MB Ethernet interface

- Operating systems: Windows XP, Windows Vista and Windows 7
- Sound Card (Optional)
- The requirements for the network and firewall are as follows:
  - UDP port numbers: 28001, 29001, 28100, 28101, 28500
  - TCP port numbers: 28801
  - The switch used in the network must support multicast with IP addresses in the range of 224.0.2.1 ~ 224.0.2.255
  - The server for the large project software must use static IP addresses
- To use the voice synthesis function, speech database and Interphonic QTTS speech produce of iFLYTEK are selectable. The Microsoft SAPI includes the speech library of Windows 7 and Neospeech. X-SMART does not provide this speech library.

---

## Software Installation

---



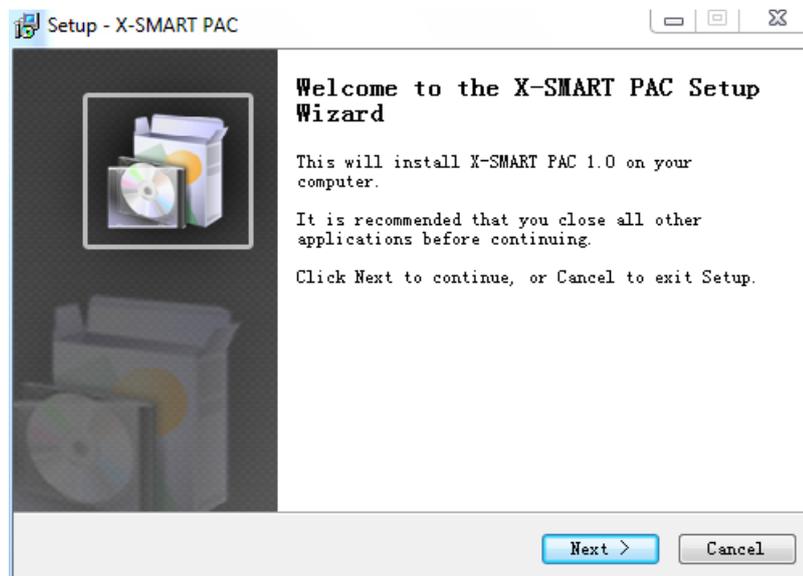
### Note:

The installation procedure for the large project software is different from that of the small and medium-sized project software, which just needs to be installed on a PC. The large project software needs to be installed on the server and client-side separately.

---

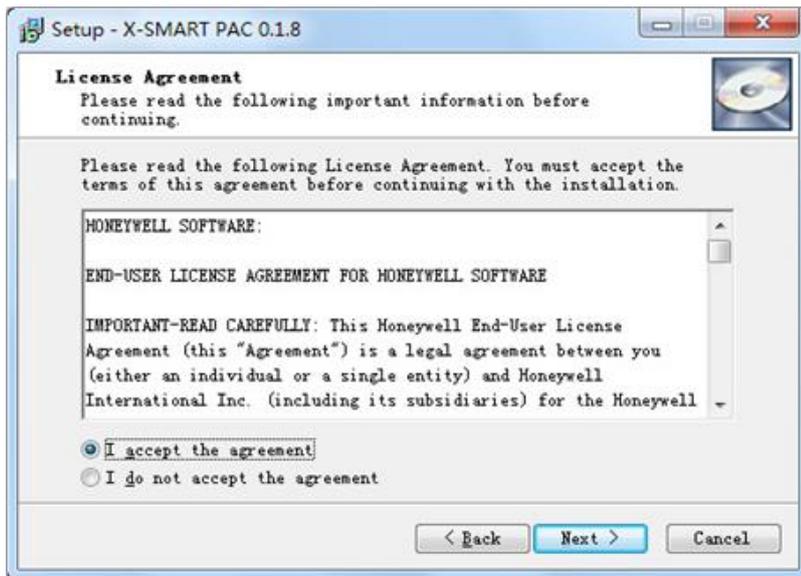
X-SMART is easy to install. The following describes the installation procedures for the small and medium-sized software:

1. Insert the X-SMART installation disc into the computer and wait for the installation procedure to start automatically or double-click the X-SMART set-up program **setup.exe** in the disc directory to display the language selection window.
2. Select the proper language (such as English).
3. Click the **Install** button of the purchased software name to enter the installation wizard.
4. Click **SMART PAC**. The X-SMART setup wizard window displays as shown in Figure 1.

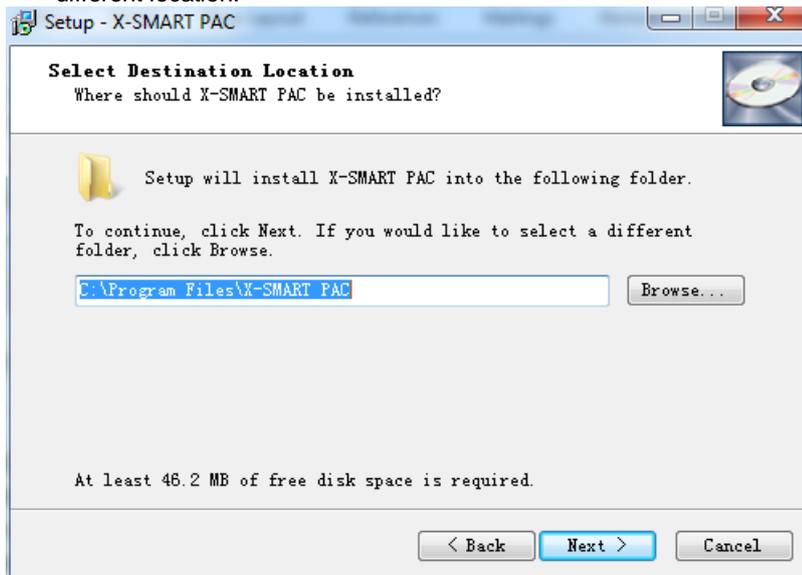


**Figure 1 X-SMART Setup Wizard Window**

5. Click **Next**. The License Agreement window displays.



6. Select **I accept the agreement** in the License Agreement window.
7. Click **Next**. The Select Destination Location window displays, as shown in Figure 2.  
The default installation location is **C:\Program Files\X-SMART**. Click **Browse** to select a different location.



**Figure 2 Select Destination Location Window**

8. Click **Next**. The **Select Start Menu Folder** window displays.
9. Click **Next**. The **Select Additional Tasks** window displays.  
If desired, click the **Create a desktop icon** option.
10. Click **Next**. The **Ready to Install** window displays.
11. Click **Install**. The **Installing** window displays.  
The installer installs X-SMART onto the computer and displays the decompression progress.
12. When the progress completes at 100%, the **installation complete** window displays.
13. If you want to start X-SMART immediately, select the *Start X-SMART* option. Otherwise, do not select this option and click **Finish**.

The installation is finished.

## Software Uninstallation

---

Steps for uninstalling X-SMART are as follows:

1. Click **Start** at the lower left of the computer desktop, and select **All Programs → X-SMART → Uninstall X-SMART**. A prompt dialog displays to ask “Are you sure you want to uninstall the X-SMART and all of its components completely?”
2. Click **Yes** to uninstall the X-SMART and relative components. After uninstallation, the uninstallation prompt dialog displays with “Some contents cannot be removed, you can delete them manually.”
3. Click **OK**.



**Note:**

To remove the remaining files manually, you can find the X-SMART folder under the installation directory and delete it.

---

## 3 Basic Operations

This chapter describes basic operations of the X-SMART software.

### Installing the USB Software Protection Dongle

---



**Note:**

For the small and medium-sized project software, insert the dongle into the USB port of the computer with the installed software. For the large project software, simply insert the dongle into the USB port of the server.

---

Before launching the X-SMART software, the dongle must be inserted into the USB port of the computer. If the dongle has not been inserted, or if the dongle is removed during the dongle installation procedure, a prompt is displayed stating the installation procedure cannot be performed until the dongle is correctly inserted into the USB port.

### Starting the Software

---



**Note:**

Make sure X-SMART software and the X-618 Config software can't be operated at the same time. If the X-618 Config software is running, only it has been closed, the X-SMART software can be run.

---

Steps for starting the software are as follows:

1. Double-click the **Start** button at the lower left of the computer desktop, and select **All Programs → X-SMART → X-SMART**. The initiation window displays as shown in Figure 3.

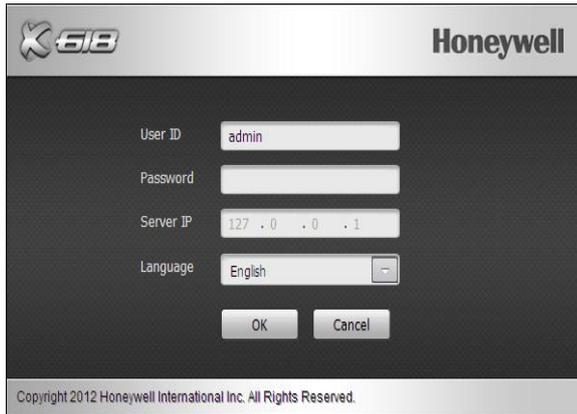


Figure 3 Initiation Window of X-SMART

2. Enter the password and select the language. The default user is admin, and the default password is 123. Click **OK** to enter the main window of X-SMART, as shown in Figure 4.

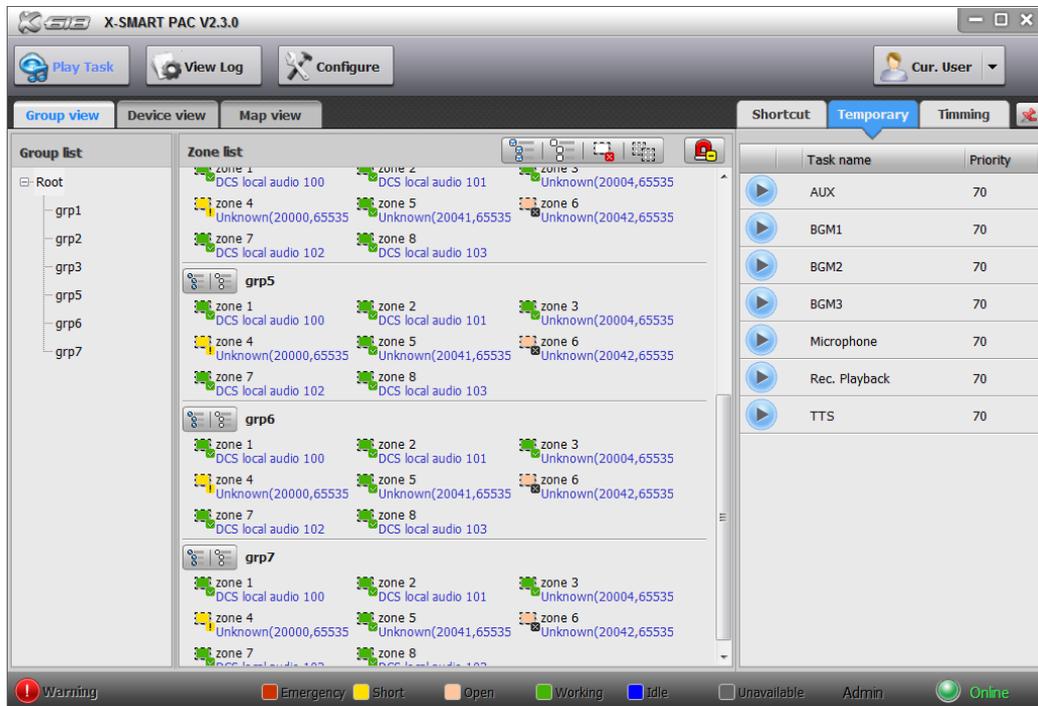


Figure 4 Main Window of X-SMART

## Exiting Software

To exit the software, follow the steps below:

Select the **Cur. User** → **Exit** menu, and a prompt dialogue displays, enter the password. Click **Yes** in this prompt dialogue, another prompt dialogue displays, click **Yes** to exit the software.

## Software Languages

1. The language for the X-SMART software can be changed, as described by the steps below: Open the **language.xls** file in the installation directory of X-SMART. The language file contents are shown in Figure 5. The default installation path is **C:\Program Files\X-SMART**.

	A	B	C	D	E	F	G	H
2	Objects	Remark	English	简体中文	Russian			
3	X618 Main Form							
4	MAIN_TITLE		X618 System	X618管理系统				
5	MAIN_TOOL_CONFIGURE		Configuration	系统配置				
6	MAIN_TOOL_PLAY		Task Play	任务播放				
7	MAIN_TOOL_VIEWLOG		View Log	日志查看				
8	MAIN_TOOL_WARN		Warning	警告				
9	MAIN_TOOL_OPTION		Option	系统选项				

**Figure 5 Content Illustration of the Language File**

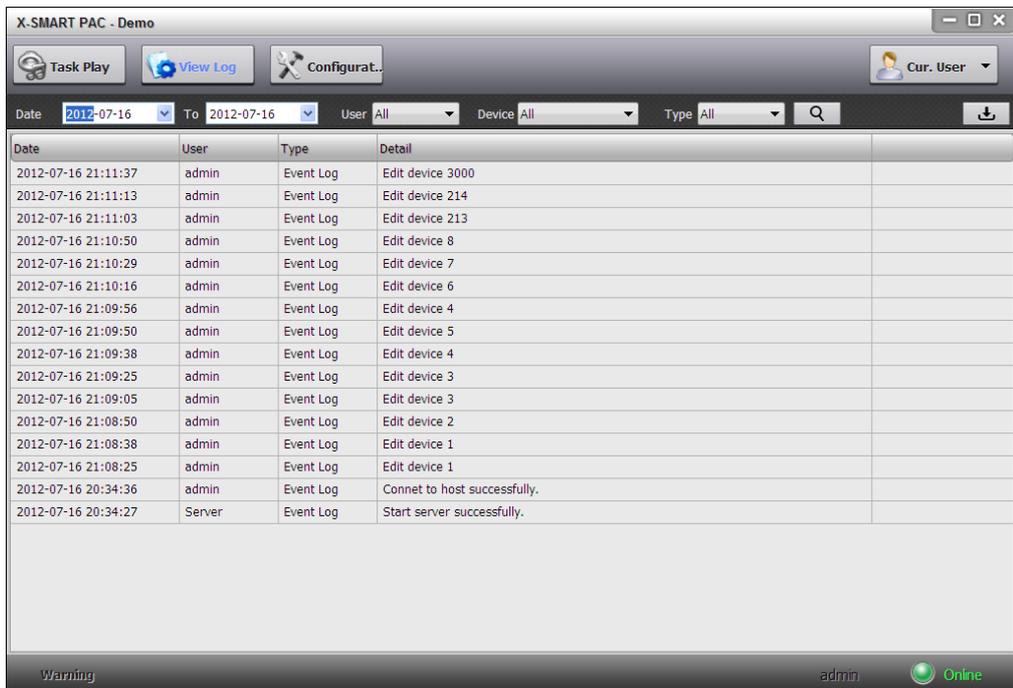
2. A new language can be added in column F as needed. To delete a language, directly delete the column of the language, and then save the file.
3. Restart X-SMART. The new language is displayed in the language dropdown list.

## Viewing Logs

Event and fault logs can be viewed by device or date using the View Log function.

Steps for viewing logs are as follows:

1. Click the  icon. The **View Log** window displays as shown in Figure 6.



**Figure 6 View Log Window**

2. Specify the query criteria as you want.
  - Date: query by date
  - User: query by user
  - Device: query by device
  - Type: query by log type (Event log or Fault Log)
3. Click the  search button. Logs meeting the query criteria are displayed in the log display area.
4. Click the  download button. The Save As window displays to export the logs.
5. Enter the file name in the textbox.
6. Click the **Save** button to save the file.

---

## User Operations

---

User operations include locking and exiting X-SMART, as well as viewing the software information using the user operation function.

### Lock

To switch users using the lock operation, select the **Cur.User** → **Lock** menu, and the window of LOCK displays. Unless the users enter the Password to unlock, they can't sign in for operations.

### Exiting the Software

Close X-SMART by using the following exit operation:

Select the **Cur.User** → **Exit** menu, and a prompt dialogue displays, enter the password. Click **Yes** in this prompt dialogue, another prompt dialogue displays, click Yes to exit the software.

### About the Software

To view the information about X-SMART, follow the steps below:

1. Select the **Cur.User** → **About** menu. The About window displays with information such as the software name, type, version, company name, and website.
2. Click **OK** to exit the information window.

If X-SMART cannot recognize the USB software protection dongle, the **About** window displays automatically along with a prompt for inserting the dongle.

---

## Data Backup & Recovery

---

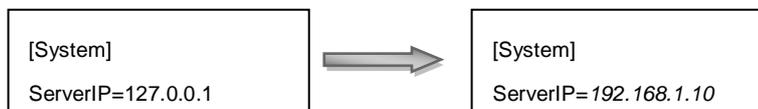
To ensure the system performs as intended, use the following operations to back up and recover data:

### Data Backup

Run the *X618Backup.exe* program. The backup progress displays as a progress bar. After the backup is finished, the backup file, such as *BAK120706-160951.7z*, is stored in the sub-folder named *BakData* under the installation directory.

You can back up the data of host computer to other PCs as well.

Copy the *X618Backup.exe* and *X618Sys.ini* files to another PC, and modify the ServerIP of *X618Sys.ini* by specifying the host address (herein for example: 192.168.1.10), as shown below:



And then run the *X618Backup.exe* program, the data backup is finished.



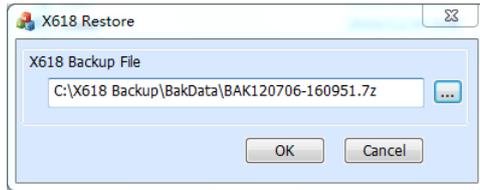
#### Note:

User can use the Windows Task Schedule to run the backup program regularly, so as the data can backup automatically.

---

### Data Recovery

1. Run the *X618Restore.exe* program. The data recovery window displays as shown in Figure 7.

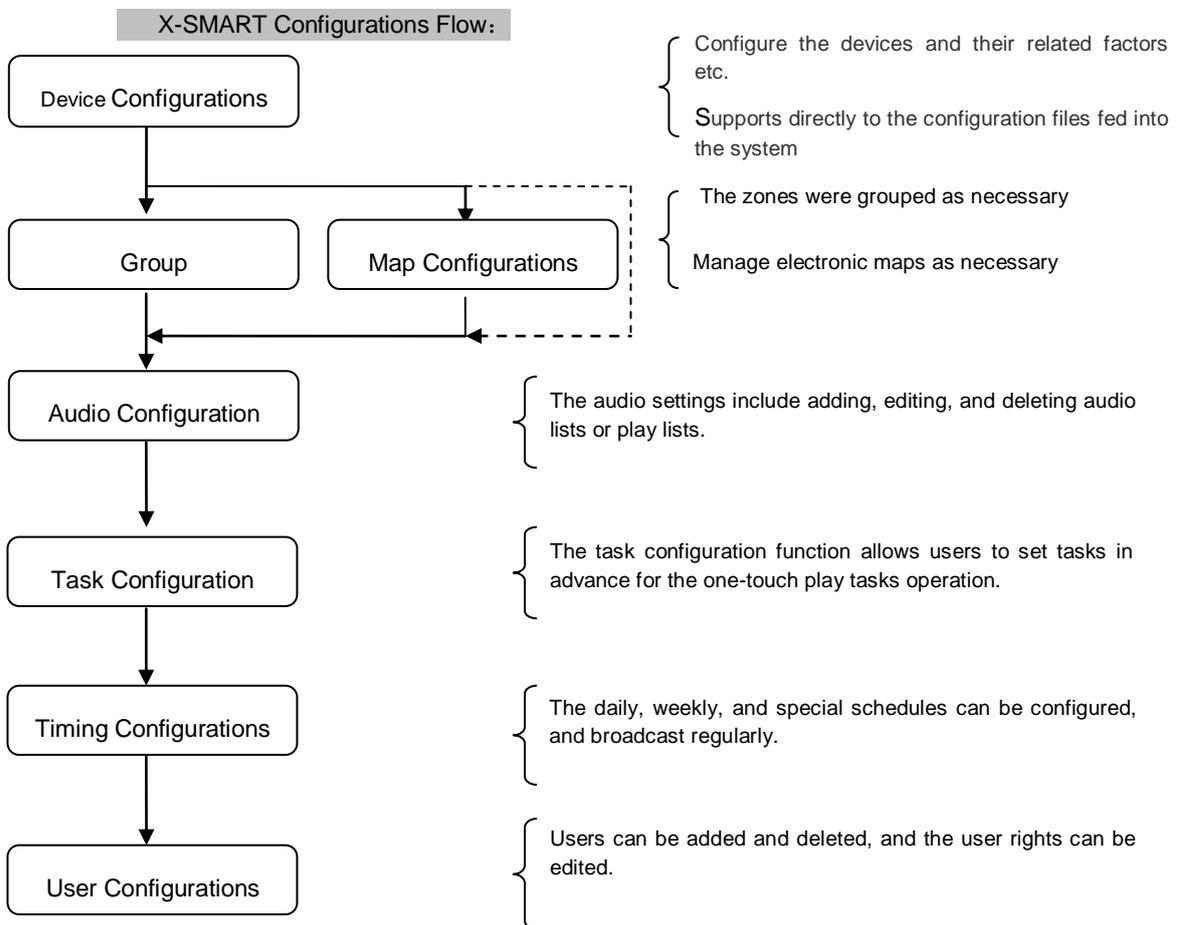


**Figure 7 Data Recovery Window**

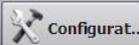
2. Click the  button to choose a file for recovery.
3. Click **OK** to recover the file data.

## 4 System Configurations

Configure the Device, Group, Map, Audio, Task, Timing, and User using the configuration function of X-SMART.



To open the Configuration window:

Click the  button in the main window of X-SMART, as shown in Figure 4, to enter the Configuration window as shown in Figure 8.

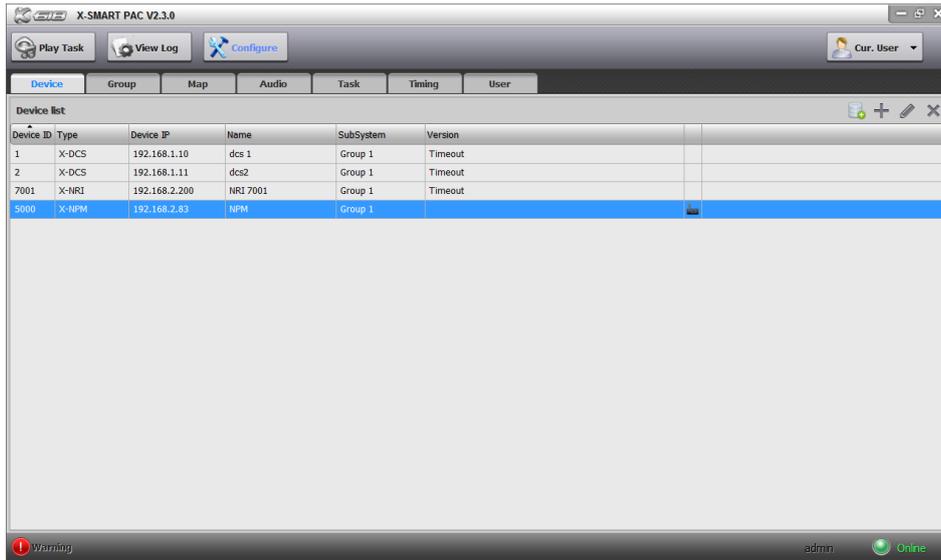


Figure 8 System Configuration Window

## Device Configurations

Adding devices and editing or deleting the existing devices is possible. The window shown in Figure 8 is the Device Configuration window.

### Adding Devices

Follow the steps below to add existing X-DCS2000 and NPM devices that have already been configured:

1. Click the **+** icon in the Configuration window shown in Figure 8. The Add window displays, as shown in Figure 9.

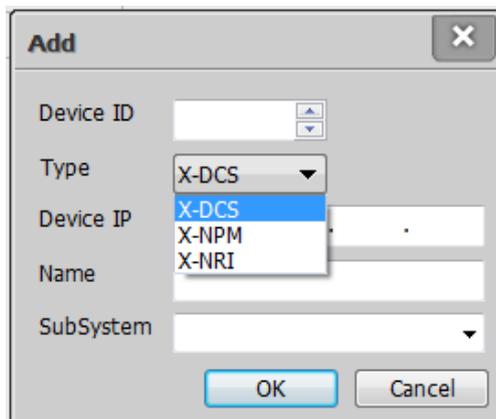


Figure 9 Add Window

2. Enter the Device ID, Type, Device IP, Name, and Sub System. When add the NPM, user can enter the Multicast IP. While user adds the NRI, they can choose and set up to 5 interfaces IP.



**Note:**

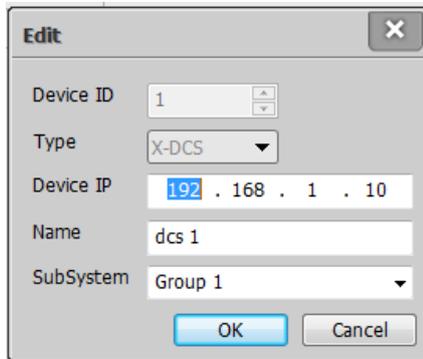
The Device ID must be consistent with the device ID of X-618 Configuration Software.

3. Click **OK** to save the new device.

## Editing Devices

Follow the steps below to edit the IP address, device name, and subsystem:

1. Select a device in the device list in the Configuration Window shown in Figure 8. Double-click the device, or select the device and click the  icon to edit the selected device. The Edit window displays as shown in Figure 10.



**Figure 10 Edit Window**

2. Edit the information in the **IP**, **Name**, and **SubSystem** fields as needed.
3. While the device is NPM, user can edit the paging Multicast IP; While NRI, edit up to 5 interfaces IP.
4. Click **OK** to save the changes.

## Deleting Devices

Follow the steps below to delete unneeded devices:

1. Select one or more devices in the device list in the Configuration Window shown in Figure 8, and click  to delete the device. The software then prompts for a deletion confirmation.
2. Click **Yes** to delete.

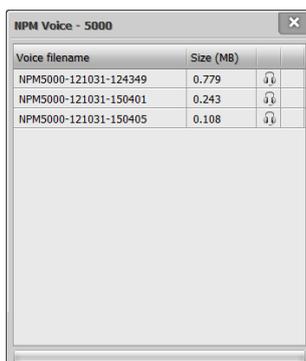


### Note:

For each configuration tab within the system configuration window, right-clicking the mouse causes a menu to pop-up also containing the Add, Modify, and Delete options.

## NPM Voice Audition

Click the  icon in the Configuration window shown in Figure 8. Users can view the records of current NPM, as shown in Figure 11.



The screenshot shows a window titled "NPM Voice - 5000" with a close button (X) in the top right corner. It contains a table with the following data:

Voice filename	Size (MB)	
NPMS000-121031-124349	0.779	
NPMS000-121031-150401	0.243	
NPMS000-121031-150405	0.108	

**Figure 11 NPM Voice Window**

Click  icon to audit the recording voice.



**Note:**

The NPM recording setting, please refer to chapter 7: Server Parameter Settings.

## Importing Configuration Files

Click the  icon in the Configuration window shown in Figure 8. User can choose the configuration files to feed into the system.



**Note:**

The importing rules are:

If the device IDs in the configuration files had existed in the system, the information of the device would be updated. Otherwise they would be added.

## Group Configurations

Group configuration functions include: view the all DCS in the DCS list; view and edit the zones of the DCS in the Zone list; add, edit and delete groups in the Group list; view, add and delete the zones of a group in the group content.

To open the Group configuration window:

Click the Group tab in the Configuration window shown in Figure 8. The Group configuration window displays as shown in Figure 12.

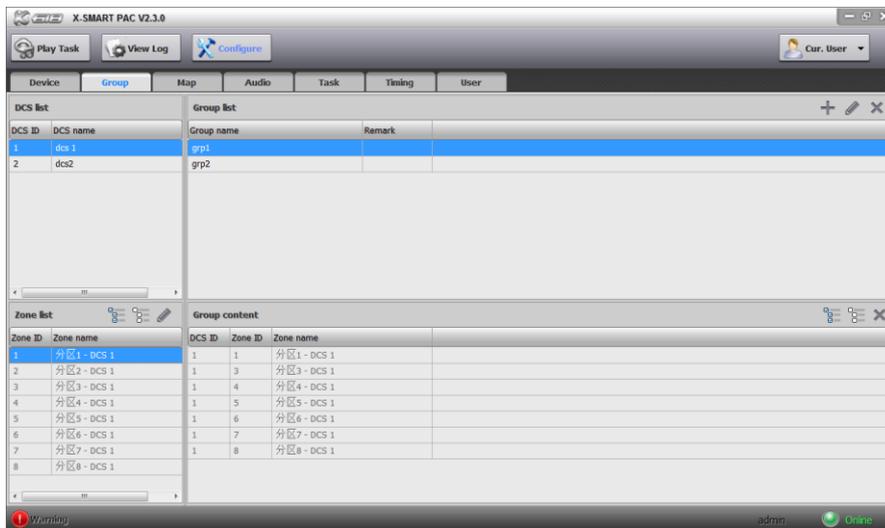


Figure 12 Group Configuration Window

## Adding Groups

Steps for adding groups are as follows:

1. Click the  icon in the **Group List** area within the **Group configuration** window shown in Figure 12. The **Add** window displays.
2. Enter the appropriate information in the **Group Name** and **Remark** fields.

3. Click **OK** to add the group.

## Editing Groups

To edit a group:

1. Double-click a group, or select a group and click the  icon in the **Group List** area within the **Group configuration** window to edit the group, as shown in Figure 12. The Edit window displays.
2. Edit the group name and remark as needed.
3. Click **OK** to save the changes.

## Deleting Groups

To delete a group:

1. Select one or more groups to delete in the Group List area within the Group configuration window shown in Figure 12, and click the  icon. The software prompts for a deletion confirmation.
2. Click **OK** to delete the selected groups.

## Viewing Group Details

To view the details of a group:

Select a group in the Group list area within the Group configuration window shown in Figure 12. All of the information about the zones and devices in this group is displayed in the Group content area.

## Adding the Zones of a Group

To add the zones of a group:

1. Select a group of zones in the **Group list** area within the **Group configuration** window shown in Figure 12.
2. Select one or more zones in the Zone List area and drag the zones to the Group content area, or drag the device to the Group content area directly to add all the zones of this device to the selected group.

## Deleting the Zones of a Group

To delete the zones of a group:

1. Select a group in the **Group list** area within the **Group configuration** window shown in Figure 12. All of the information about the zones and devices in this group is then displayed in the Group content area.
2. Select one or more zones in the **Group content** area, and click the  icon. The software prompts for a deletion confirmation.
3. Click **OK** to delete the selected zones.

## Viewing the Zone Information of DCS

To view the zone information of a device:

Select a device in the **DCS List** area within the **Group configuration** window shown in Figure 12. All of the zones' information is then displayed in the Zone List.

## Editing the Zone Information of DCS

To edit the zone information of a device:

1. Select a DCS in the **DCS list** within the **Group Configuration** window shown in Figure 12. All of the zones' information of the device is then displayed in the **Zone List** area.
2. Double-click a zone, or select the zone and click the  icon in the **Zone List** area. The Edit window displays.
3. Edit the name of the zone as needed.
4. Click **OK** to save the changes.



**Note:**

Click  icon, select all zones; click  icon, select none.

## Map Configurations

Map configuration functions include editing and deleting the map and sub-maps.

To open the Map configuration window:

Click the Map tab within the Configuration window shown in Figure 8. The Map configuration window displays as shown in Figure 13.

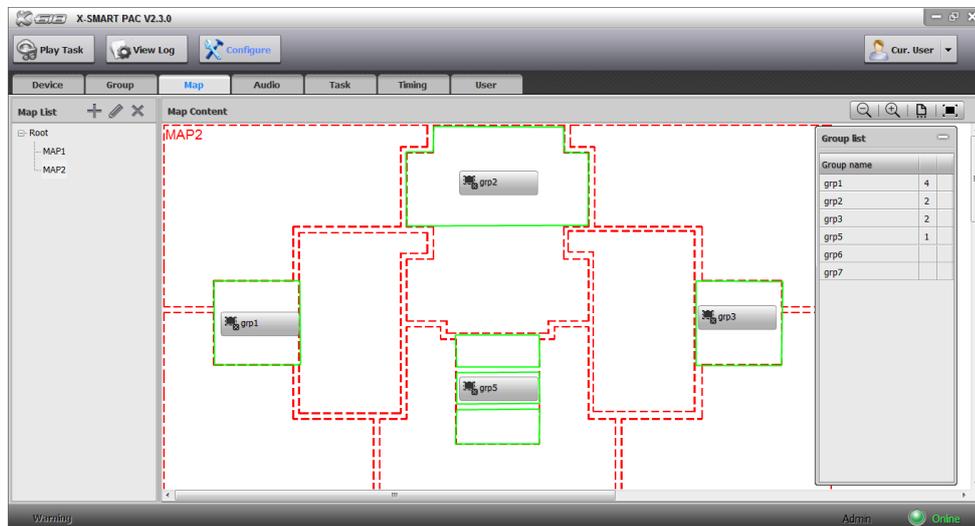


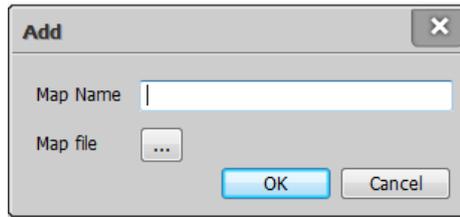
Figure 13 Map Configuration Window

## Managing Maps

### Creating a Map

To create a map:

1. In the Map List within the Map configuration window as shown in Figure 13, click  icon or right-click and select Add, the Add window displays as shown in Figure 14.



**Figure 14 Map Adding Window**

2. Enter the Map Name, and click the  icon to a proper map file.



**Note:**

The map file must be a JPG, BMP, or PNG image file less than 2000\*2000 pixels and under 50MB.

3. Click **OK** to save the settings.

## Editing a Map

To edit a map:

1. Select a map in the Map list within the **Map configuration** window shown in Figure 13. Click  icon or right-click and select Edit, the **Edit** window displays.
2. Edit the map name and map file as needed.
3. Click **OK** to finish editing.

## Deleting a Map

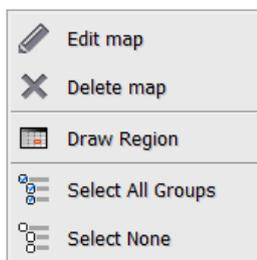
To delete a map:

1. Select a map in the Map list within the **Map configuration** window shown in Figure 13. Click  icon or right-click and select Delete, the software prompts for a deletion confirmation.
2. Click **OK** to delete the map.

## Configuring Maps

To configure a map:

1. Right-click in the map area within the **Map configuration** window as shown in Figure 13. The tools window for configuring map displays as shown in Figure 15. Select Draw Region to draw the zones freely.



**Figure 15 Map Configuring Tools Window**

2. Right-click one region line, the region setting window displays as shown in Figure 16 (The node of the region will display). The following settings of that region can be set, include: Set Zone, Setup Color and Delete region.

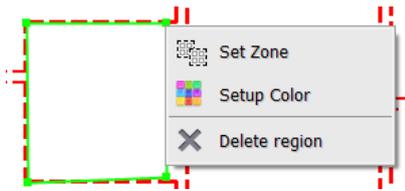


Figure 16 Region Setting Window

- Set zone

Select Set zone in the window as shown in Figure 16, the Set Zone window displays as shown in Figure 17. Click one DCS in the DCS list, the all zones of that DCS would display in the Zone list. Select one zone in the Zone list and drag to the selected zone list. And then close the window to finish zone setting.

Because one region is only enable to set one zone, if want to change the zone, the users have to select that zone and click icon to delete it first, and then drag a new zone again.

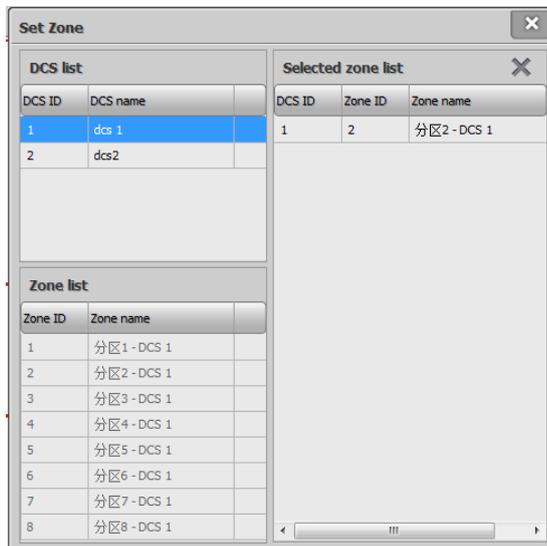


Figure 17 Set Zone Window

- Setup Color

Select Setup color in the window as shown in Figure 16, the Setup Color window displays as shown in Figure 18. According to practical need, set the color of the region line, and then click OK to finish it.

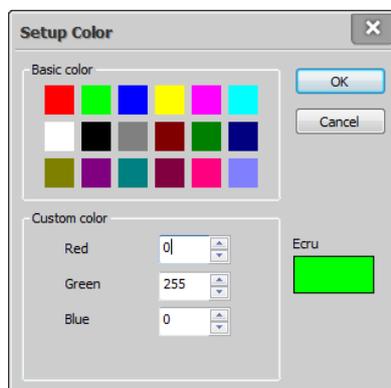


Figure 18 Setup Color Window

- Delete region

Select Delete region in the window as shown in Figure 16, or select one region and press Delete key on the keyboard, the software prompts for a deletion confirmation, click Yes to delete the selected region.

3. According to practical requirement, click and drag the groups in the Group list as shown in Figure 13, to the map region to finish map configuration. If want to delete some group, the users can select that group button, right click and select Delete Group, or press Delete key on the keyboard, the software prompts for a deletion confirmation, click Yes to delete the selected group.

4. Besides, the software also provides the function of fine-tuning edit and zoom on the map in the configuration process , concrete steps are as follows:

- Select a region, drag a side line of the region to adjust the region frame. Drag a node to adjust its position

- To adjust the map size, click the icon  in the upper right corner of the interface, the icons are: zoom out, zoom in, actual size, fit size.

## Audio Configuration

The audio settings include adding, editing, and deleting audio lists or play lists, as well as delete or reorder the audio in the play list.

To open the Audio configuration window:

Click the **Audio** tab in the **Configuration** window shown in Figure 8. The **Audio configuration** window displays as shown in Figure 19.

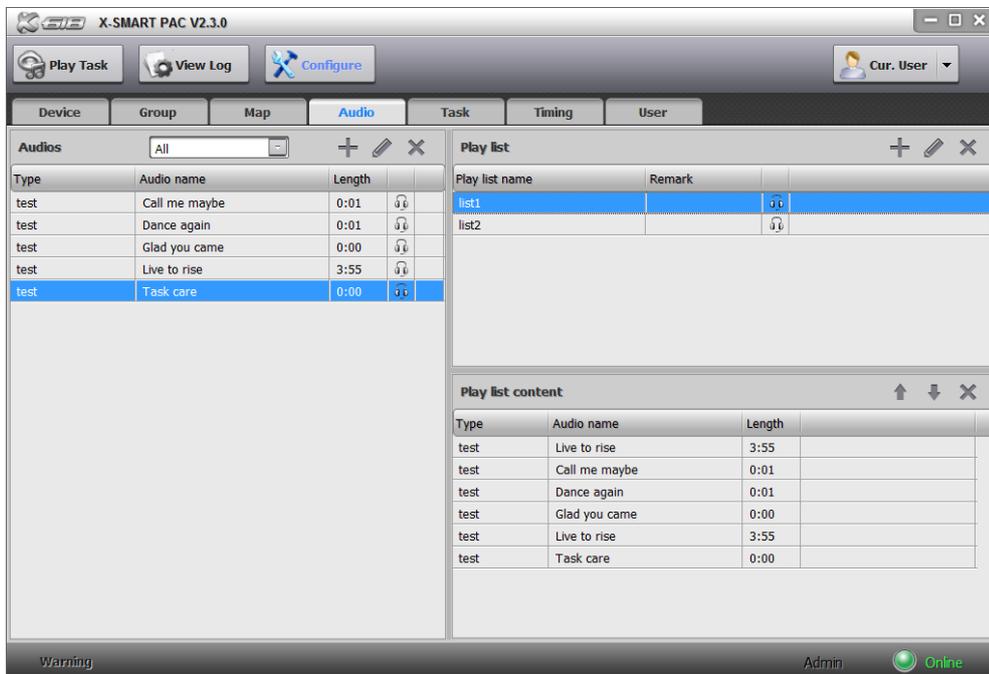


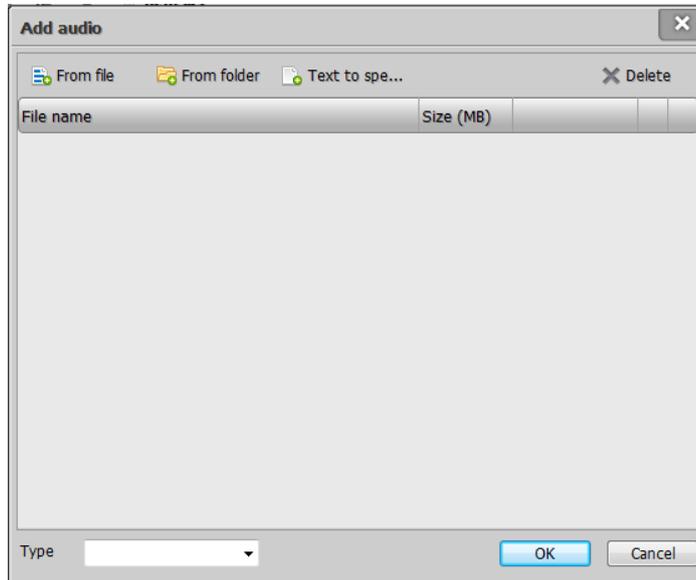
Figure 19 Audio Configuration Window

## Configuring Audio Play Lists

### Adding Audio Files

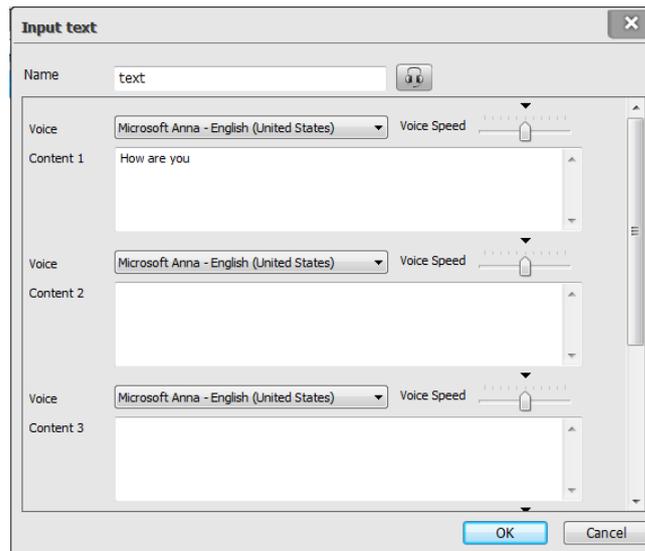
To add audio files to the play list:

1. Click the  icon in the **Audios** area on the **Audio configuration** window shown in Figure 19. The **Add Audio** window displays as shown in Figure 20.



**Figure 20 Add Audio Window**

2. Add the audio files as needed.
  - Click **From file** to add an audio file to the audio list. The audio files must be in the WAV or MP3 format.
  - Click **From folder** to add all the audio files in a folder to the audio list.
  - Click **Text to speech** to convert the text input provided by users into a voice synthesis file by following the steps below:
    - a. Click **Text to speech** to display the text input window.
    - b. Enter the name and content , and adjust the voice speed as needed. Click  icon to test the audio.
    - c. Click **OK** to add the voice synthesis file to the audio list.



3. Set the appropriate type, and click **OK** to upload files.
4. When the audio upload has finished, a prompt displays to inform that all files have been uploaded successfully.
5. Click **OK** to finish adding the audio files.

## Editing Audio Files

To edit the audio files:

1. Double-click an audio file, or select an audio file and click the  icon in the **Audios** area within the **Audio configuration** window shown in Figure 19.
2. Edit the name and type of the audio file as needed.
3. Click **OK** to save the changes.

## Deleting Audio Files

To delete the audio files:

1. Select one or more audio files in the **Audios** area within the **Audio configuration** window shown in Figure 19, and click the  icon to delete the files from the play list. The software then prompts for a deletion confirmation.
2. Click **OK** to delete the audio files.

## Configuring Play Lists

### Adding a Play List

To add a play list:

1. Click the  icon in the Play List area within the Audio configuration window shown in Figure 19. The Add window displays.
2. Enter the Play List Name and Remark.
3. Click **OK** to save the play list.

### Editing a Play List

To edit a play list:

1. Double-click a play list, or select a play list and click the  icon in the **Play List** area within the **Audio configuration** window shown in Figure 19. The Edit window displays.
2. Edit the information as needed.
3. Click **OK** to save the changes.

## Adding Audio Files to a Play List

1. Select a play list in the **Play list** area within the **Audio configuration** window shown in Figure 19.
2. Select one or more audio files in the **Audios** area, and drag the files to the **Play list content** area.

## Deleting a Play List

To delete a play list:

1. Select one or more play lists and click the  icon in the **Play List** area within the **Audio configuration** window shown in Figure 19. The Delete window displays. The software then prompts for a deletion confirmation.
2. Click **OK** to delete the play lists.

## Configuring Play List Content

### Reordering a Play List

Select a play list in the **Play list** area within the **Audio configuration** window shown in Figure 19, and click  or  to reorder the audio files.

### Deleting Audio Files in a Play List

1. Select one or more audio files in the **Play list** area within the **Audio configuration** window shown in Figure 19, and click  to delete the files. The software then prompts for a deletion confirmation.
2. Click **OK** to delete the files.

---

## Task Configuration

---

The task configuration function includes Shortcut and Timing. Shortcut allows users to set tasks in advance for the one-touch play tasks operation. Timing allows users to set tasks for timing play operation. The function includes adding, editing, and deleting tasks.

To open the Task configuration window:

Click the **Task** tab in the **Configuration** window shown in Figure 8. The **Task configuration** window displays as shown in Figure 21.

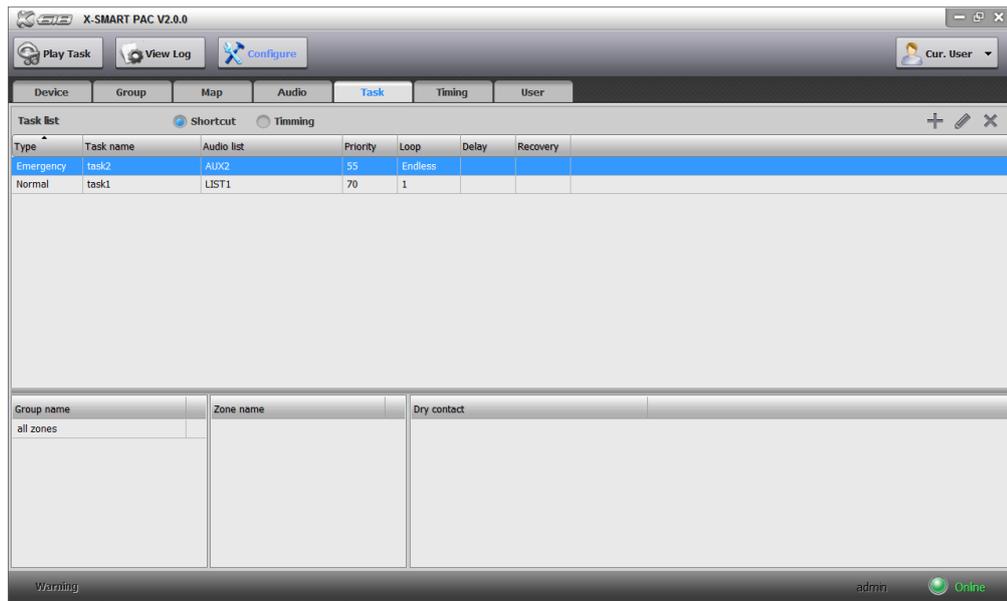


Figure 21 Task Configuration Window

## Adding Play Task



### Note:

Use the predefined task function to add normal and emergency tasks.

To create a Normal task, the priority value must be within 56 ~ 255.

To create an Emergency task, the priority value must be within 1 ~ 55.

To add a task:

1. Click the  icon in the **Task configuration** window as shown in Figure 21. The **Add** window then displays as shown in Figure 22.

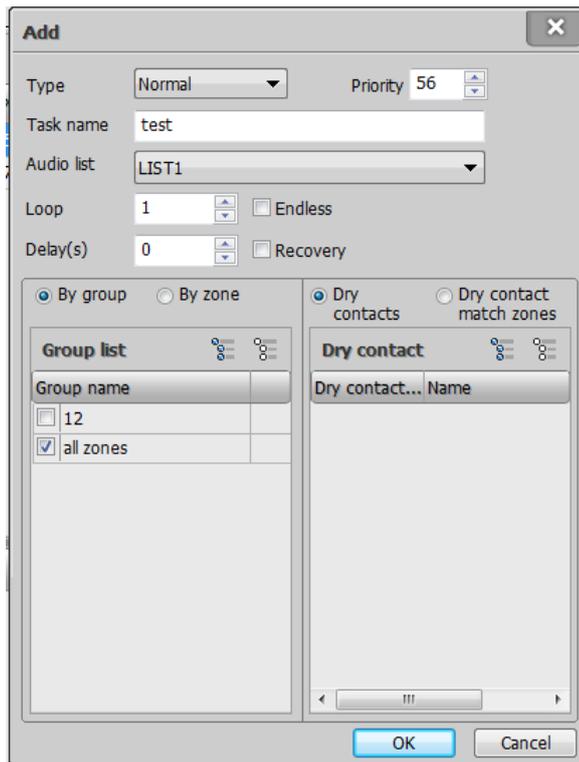


Figure 22 Add Task Window

2. Set the following parameters as needed:
  - Type: Normal or Emergency. The timing task default setting is normal.
  - Priority: 1 ~ 255. The Normal and Emergency task values must be between 56 ~ 255 and 1 ~ 55 respectively. The smaller the value is, the higher the priority.
  - Name: Enter the task name.
  - Play List: Select the play lists that are created after configuring the audio settings.
  - Play Module: Set the number of times the audio is to play.
  - Endless: Enable or disable endless loop playback.
  - Delay(s): Edit this field to specify a time for which the audio is delayed before being played.
  - Recovery: Enable or disable the shortcut task which was be broken off by the higher priority task resumes automatically when the insert task finished.
  - By Group: Select the appropriate groups.
  - By Zone: Select the appropriate zones.
  - Dry Ports
  - Dry Port equal Zone ID: If this function is set, the device starts the dry port output when the play task begins. The dry port output corresponds one-to-one with the zones.
3. Click **OK** to save the settings.

## Editing Play Tasks

To edit a play task:

1. Double-click a task, or select a task and click the  icon within the **Task configuration** window as shown in Figure 21. The **Edit** window displays.
2. Edit the task parameters as needed.
3. Click OK to save the changes.

## Deleting Play Tasks

To delete play tasks:

1. Select one or more tasks in the **Task configuration** window as shown in Figure 21. The software then prompts for a deletion confirmation.
2. Click **OK** to delete the task.

## Timing Configurations

The daily, weekly, and special schedules can be configured. The timing is in terms of individual days. Before configuring any timing schedule, create a daily schedule first. Then use the daily schedule to configure the weekly and special schedules.

To open the Timing configuration window:

Click the **Timing** tab in the **Configuration** window shown in Figure 8. The **Timing configuration** window displays as shown in Figure 23.

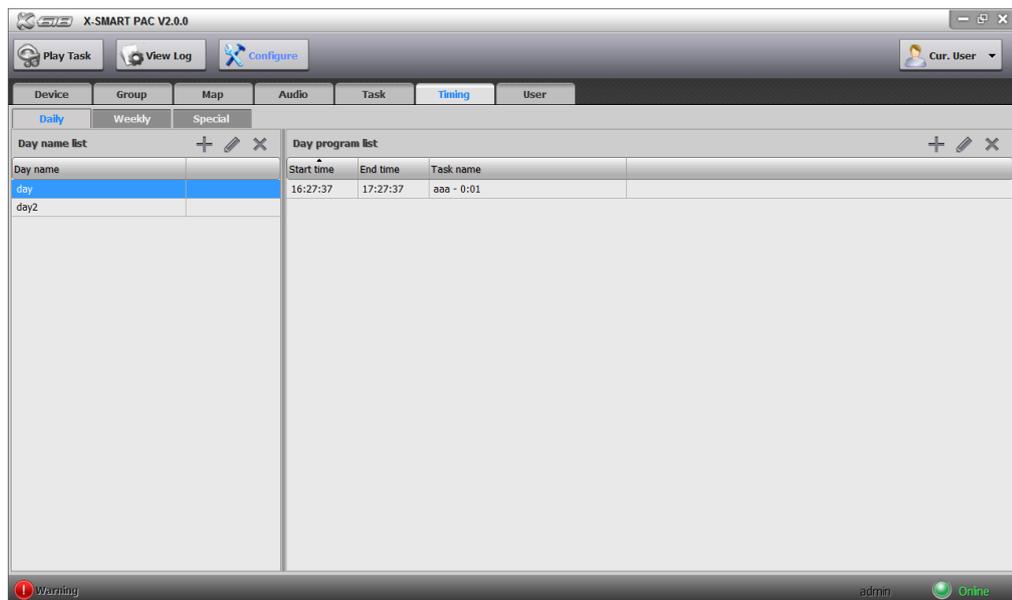


Figure 23 Timing Configuration Window

## Configuring Daily Schedules

Follow the steps below to add, edit, or delete daily schedules/programs.

### Adding Daily Schedules

To add a daily schedule:

1. Click the  icon in the **Day name list** area within the **Timing configuration** window as shown in Figure 23. The **Add** window displays.
2. Enter the name of the schedule.
3. Click **OK** to save the new schedule.

### Editing Daily Schedules

To edit a daily schedule:

1. Double-click a daily schedule, or select a daily schedule and click the  icon in the **Day name list** area within the **Timing configuration** window as shown in Figure 23. The **Edit** window displays.
2. Edit the name of the day schedule as needed.
3. Click **OK** to save the changes.

## Deleting Daily Schedules

To delete a daily schedule:

1. Select one or more daily schedules in the **Day name list** area within the **Timing configuration** window as shown in Figure 23, and click the  icon. The software then prompts for a deletion confirmation.
2. Click **OK** to delete the schedules.

## Adding Programs

To add programs:

1. Select a daily schedule in the **Day name list** area within the **Timing configuration** window as shown in Figure 23, and click the  icon in the **Day program list** area. The **Add** window displays.
2. Set the **Start Time**, **End Time**, and **Task Name**.
3. Click **OK** to save the settings.



### Note:

A daily schedule can have one or more programs. Create new programs by repeating the procedure above.

---

## Editing a Program

To edit a program:

1. Select a day schedule in the **Day name list** area within the **Timing configuration** window as shown in Figure 23.
2. Double-click a program, or select a program and click the  icon in the **Day program list** area. The **Edit** window displays.
3. Edit the related information as needed.
4. Click **OK** to save the changes.

## Deleting Programs

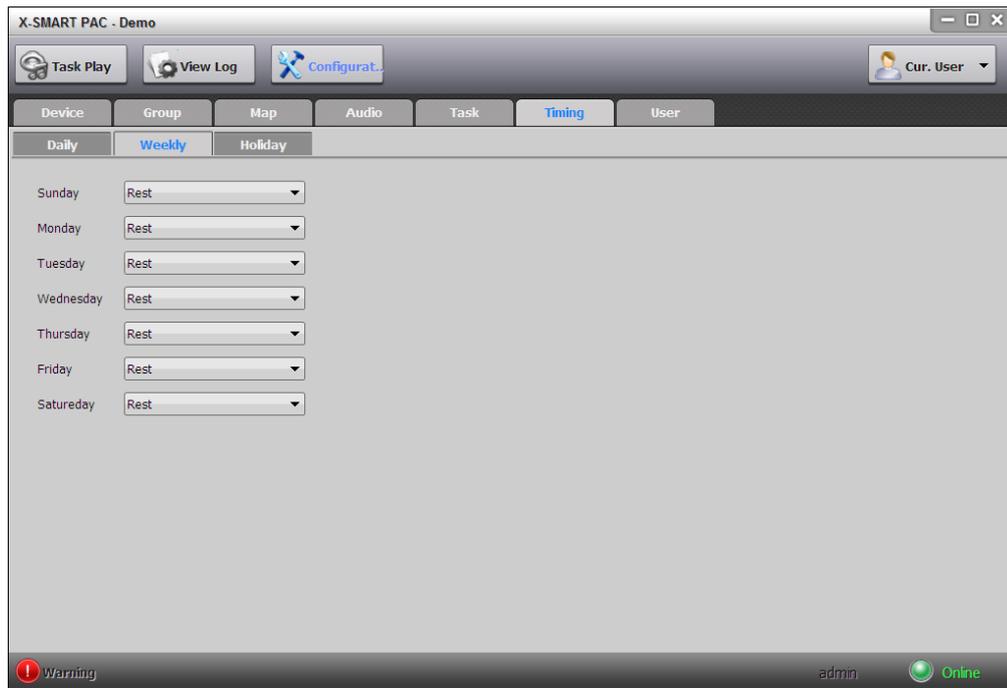
To delete programs:

1. Select a day schedule in the **Day name list** area within the **Timing configuration** window as shown in Figure 23.
2. Select one or more programs in the **Day program list** area, and click the  icon. The software then prompts for a deletion confirmation.
3. Click **OK** to delete the programs.

## Configuring Weekly Schedules

To configure weekly schedules:

1. Click the **Weekly** tab in the **Timing configuration** window as shown in Figure 23. The **weekly schedule configuration** window displays, as shown in Figure 24.



**Figure 24 Weekly Schedule Configuration Window**

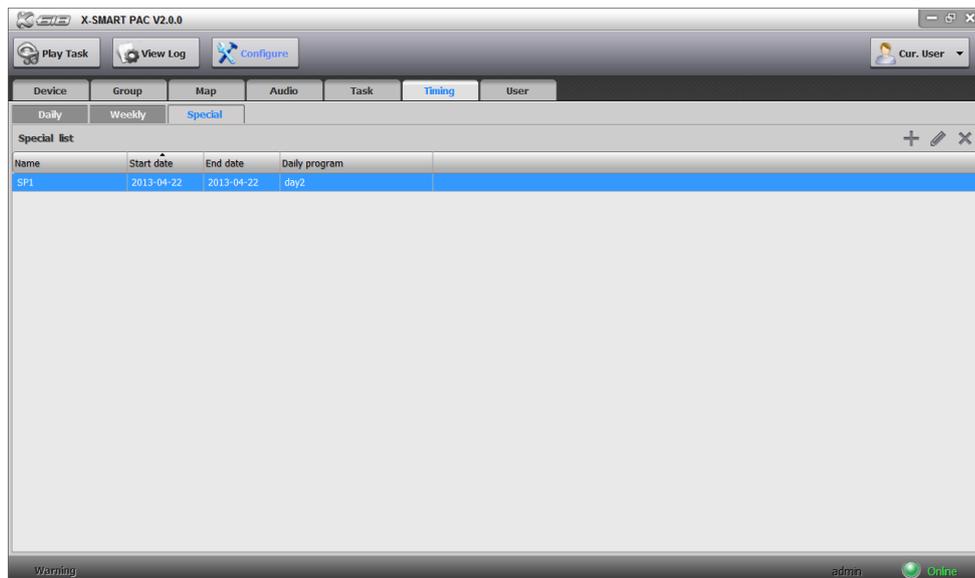
2. Select a daily schedule for each day of the week, or set the day as Rest as needed.

## Configuring Special Schedules

### Adding a Special Schedule

To add a special schedule:

1. Click the **Special** tab in the **Timing configuration** window as shown in Figure 23. The **Special schedule configuration** window displays, as shown in Figure 25.



**Figure 25 Special Schedule Configuration Window**

2. Click the **+** icon in the **Special schedule configuration** window as shown in Figure 25. The **Add** window displays.
3. Set the **Name**, **Start Date**, **End Date**, and **Day Schedule**.

4. Click **OK** to save the settings.

## Editing a Special Schedule

To edit a special schedule:

1. Double-click a special schedule, or select a special schedule and click the  icon in the Special schedule configuration window as shown in Figure 25. The Edit window displays.
2. Edit the related information as needed.
3. Click **OK** to save the changes.

## Deleting Special Schedules

To delete special schedules:

1. Select one or more special schedules in the **Holiday schedule configuration** window as shown in Figure 25. The software then prompts for a deletion confirmation.
2. Click **OK** to delete the schedules.



### Note:

The priority of special schedule is higher than weekly schedule.

## User Configurations

Users can be super or normal users.

Super user can change the password. And the normal users can be added and deleted, and the user authority can be edited. To open the User configuration window:

Click the User tab in the **Configuration** window shown in Figure 8. The **User configuration** window displays as shown in Figure 26.

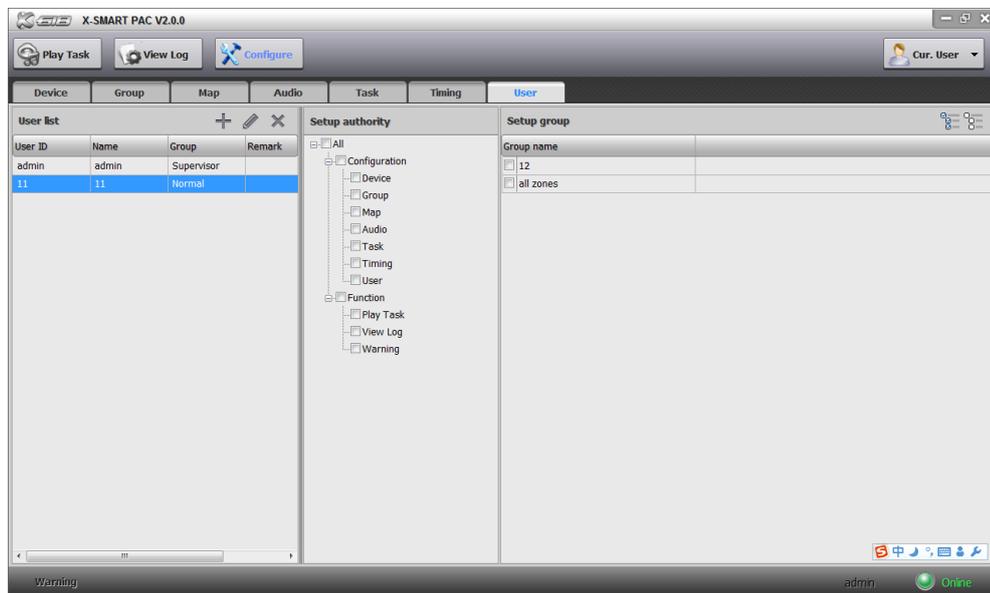


Figure 26 User Configuration Window

## Adding a Normal User and Setting User Rights

To add users and set the user rights:

1. Click the  icon in the **User List** area within the **User configuration** window, as shown in Figure 26. The Add window displays.

2. Enter the **User ID, Name, Password, and Remark**.
3. Click **OK**. The user added is then displayed in the **User List** area.
4. Select the appropriate rights for this user in the **Setup Authority** area.
5. Select the appropriate groups in the **Setup Group** area.

## Editing a User and Setting User Rights

To edit users and set the user rights:

1. Double-click a user, or select a user and click the  icon in the User configuration window as shown in Figure 26. The edit window displays.
2. Edit the User Name, Password, and Remark as needed.
3. Click **OK**.
4. Select the rights in the **Setup Authority** area as needed.
5. Select the appropriate groups in the **Setup Group** area.

## Deleting Users

To delete users:

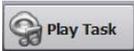
1. Select one or more users in the **User List** area within the **User configuration** window as shown in Figure 26, and click the  icon. The software then prompts for a deletion confirmation.
2. Click **OK** to delete the users.

# 5 Playing Tasks

X-SMART provides the Group View, Device View, and Map View three modes. The normal and emergency tasks can be toggled. The Shortcut and Timing tab allow for quick viewing of task information. The Temporary tab allows for configuring the three modes. The shortcut and timing tasks have been configured during the task configuration. Only after selecting a zone can temporary tasks be played. Temporary tasks can be configured directly in the Play Task window. If users want add some new zones when the temporary task is playing, they can select the target zones and click .

Click , the task list can be shown or hidid.

To start the Task Play function:

Click  in the Initial Window of X-SMART as shown in Figure 4 to enter the Play Task window, shown in Figure 27.

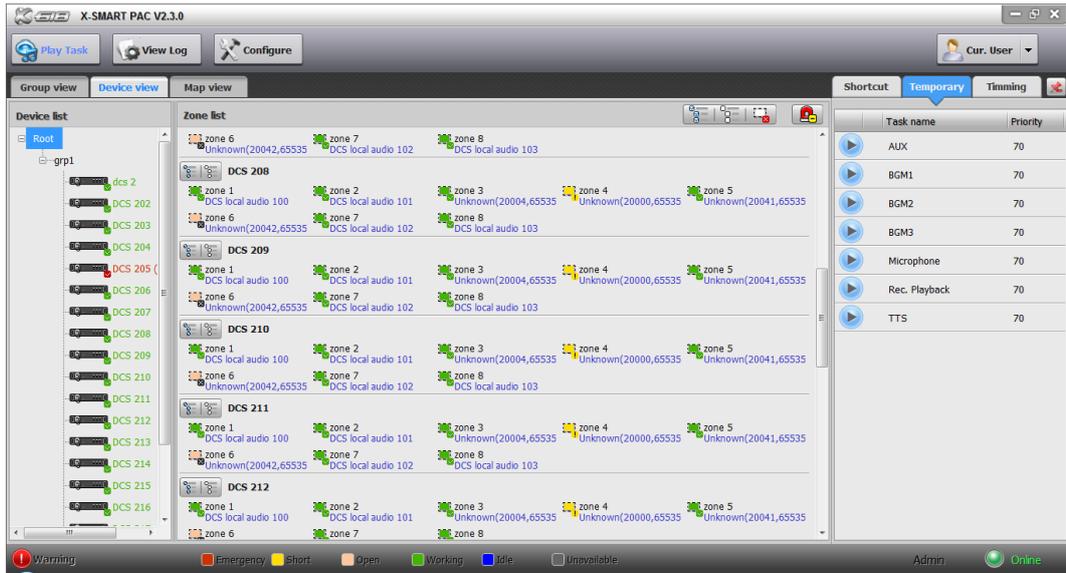
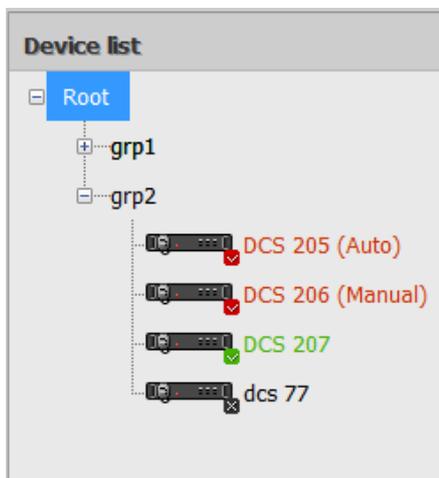


Figure 27 Task Play Window

The device list status description:

- In the device list, the name of the device in automatic emergency broadcast status displays in red, and followed by a "Auto";
- the name of the device in manual emergency broadcast state displays in red, and followed by a "Auto";
- If a zone of device is broadcasting, its name displays in green;
- If the device is not online, the name displays in gray.



## toggling Between Normal and Emergency States

When the device is in the manual emergency state, the device does not respond to fire alarms until the status is no longer the manual emergency status.

- In the normal state, click the  icon. A prompt displays asking "Are you sure you want to enter the manual emergency?" Click **OK** to enter the emergency state.

- In the emergency state, click the  icon. A prompt displays asking “Are you sure you want to exit manual emergency?” Click **OK** to enter the normal state.
- In the manual emergency state, tasks that change into emergency tasks have a red background color.

## Close Zone

If you want to close some zones /groups which are broadcasting, select them, click  icon in Figure 27 to close.

If want to one-time select all zones, click  icon; deselect all, click  icon.



### Note:

The above operation can also be conducted via right clicking in the zone list or map region.

The Map view also includes the map zoom button: , right click the map view can get the same orders.

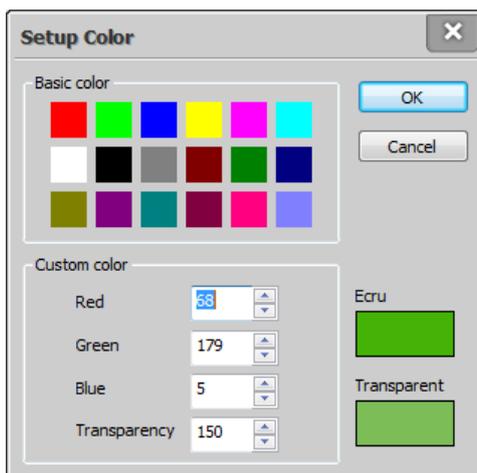
## Task Execution Status Setting

The software visually shows the task execution status of the zones, groups or regions via color.

At the bottom of the Task Play Window shown in Figure 27, display the statuses that are represented by a variety of colors. The default status is:



The color can be set according to the customer's requirement, the steps are as follows: click the color box, for example, want to change the color of working, just need to click  box, then the users can set the color via the Setup Color Window, displays as follow:



## View Mode

To facilitate user operations, three kinds of view modes can be configured in the **Play Task** window shown in Figure 27, including the Group View, Device View, and Map View.

Select the **Group View** tab in the **Play Task** window to enter the **Group View** mode page. Group view include: Complex mode and Simple mode, respectively as shown in Figure 28 and Figure 29.

In the complex group view, click  icon, the simple group view displays, with the icon displays as ; click  icon, can be restored to complex view.

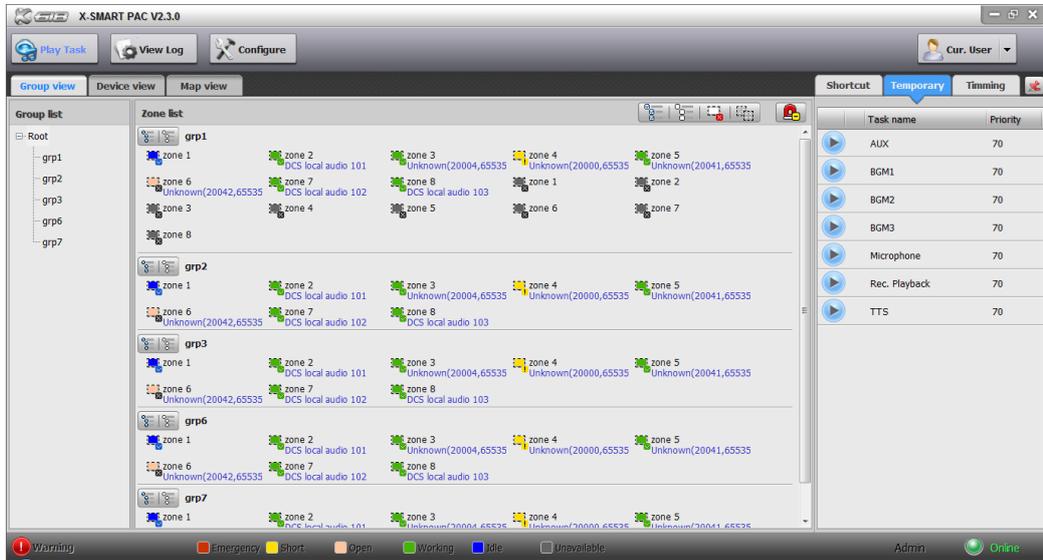


Figure 28 Complex Group View Mode Page

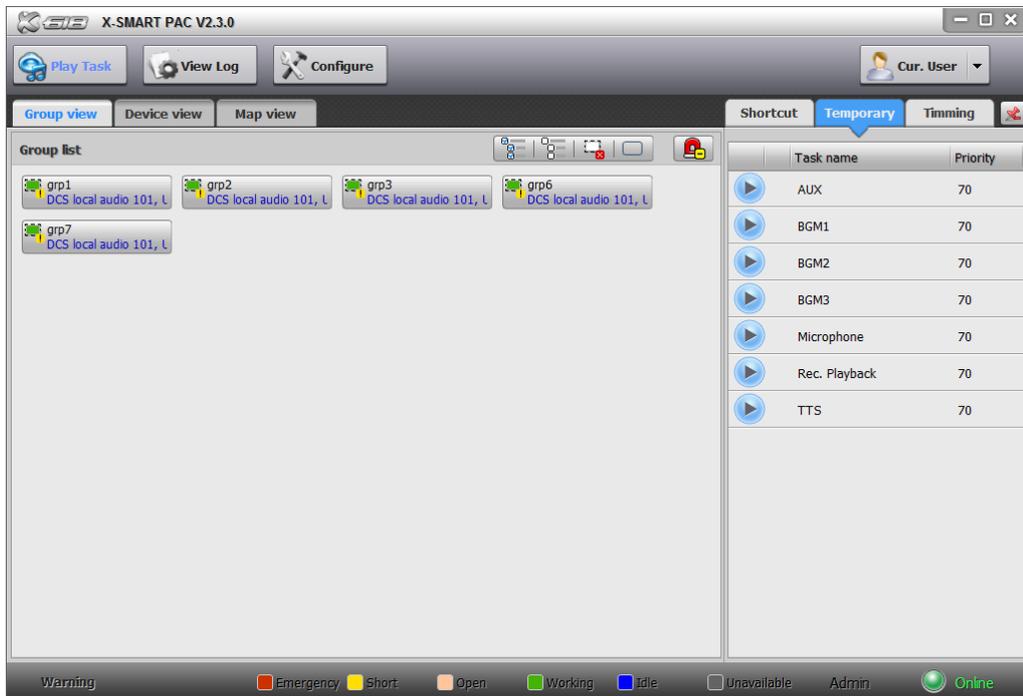


Figure 29 Simple Group View Mode Page

Select the **Device View** tab in the **Play Task** window to enter the **Device View** mode page, as shown in Figure 30.

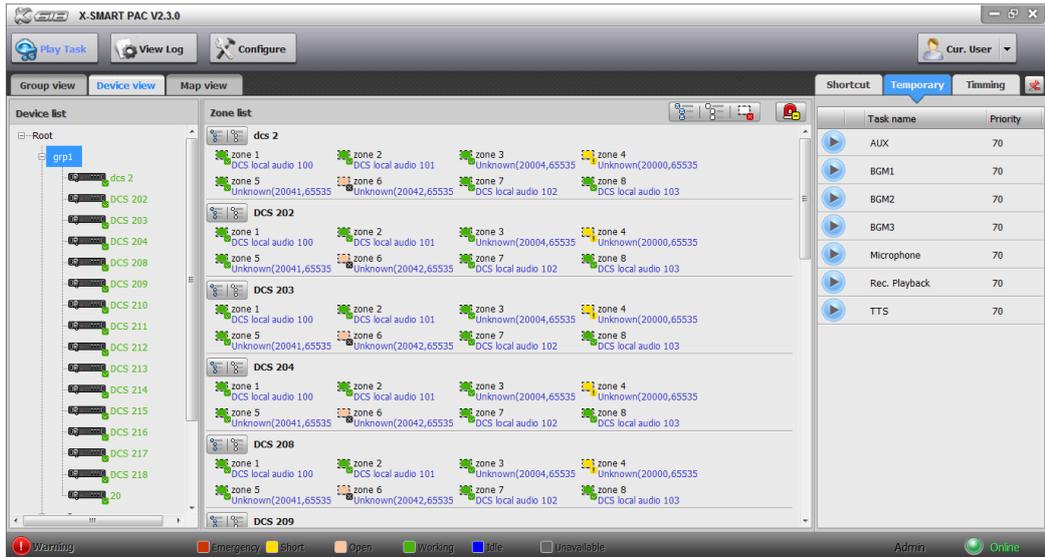


Figure 30 Device View Mode Page

Select the **Map View** tab in the **Play Task** window to enter the **Map View** mode page, as shown in Figure 31.

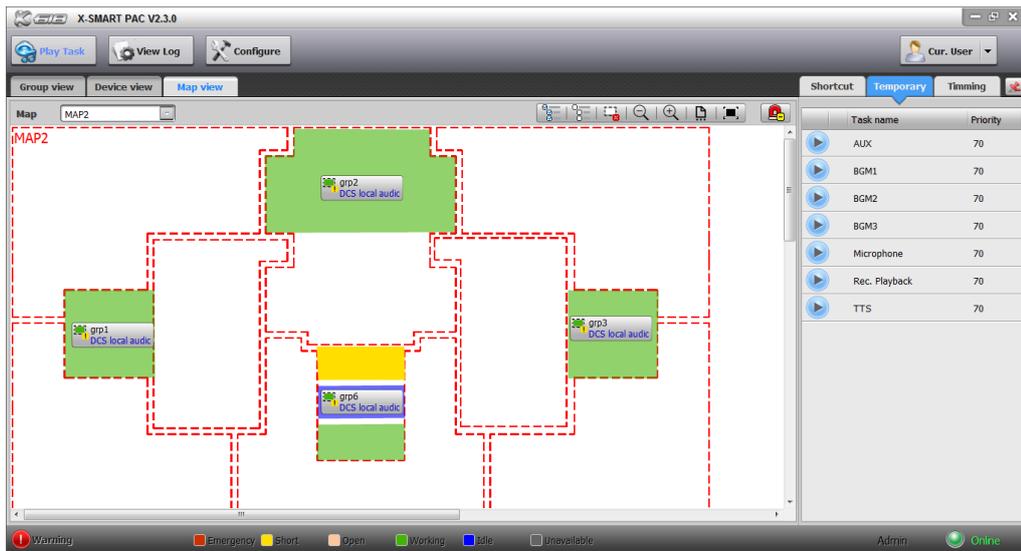


Figure 31 Map View Mode Page

## Volume Control

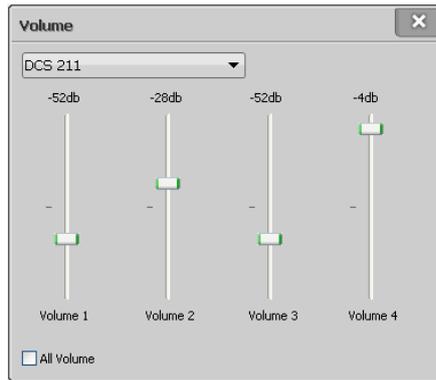


**Note:**

Only when the devices are working normally or when they are not in the emergency mode can the volume be changed. Otherwise, the volume control window is not available.

Only the Device View mode page shown in Figure 27 provides a volume control function. To control the volume:

1. Select a device in the Device List and right-click the device to select Volume Control. The **Volume Control** window displays as follows:



2. Adjust the output volume as needed.
3. After adjusting the volume, click  to exit.

## Viewing Task Details

The details of a task that is configured in the Task Configuration section can be viewed.

To view task details:

1. Click the **Shortcut** or Timing tab in the **Task Play** window as shown in Figure 27.
2. Double click the query results to view the details of the task.
3. Click the  icon before the task to play the task, and click the  icon to stop it.

## Temporary Tasks



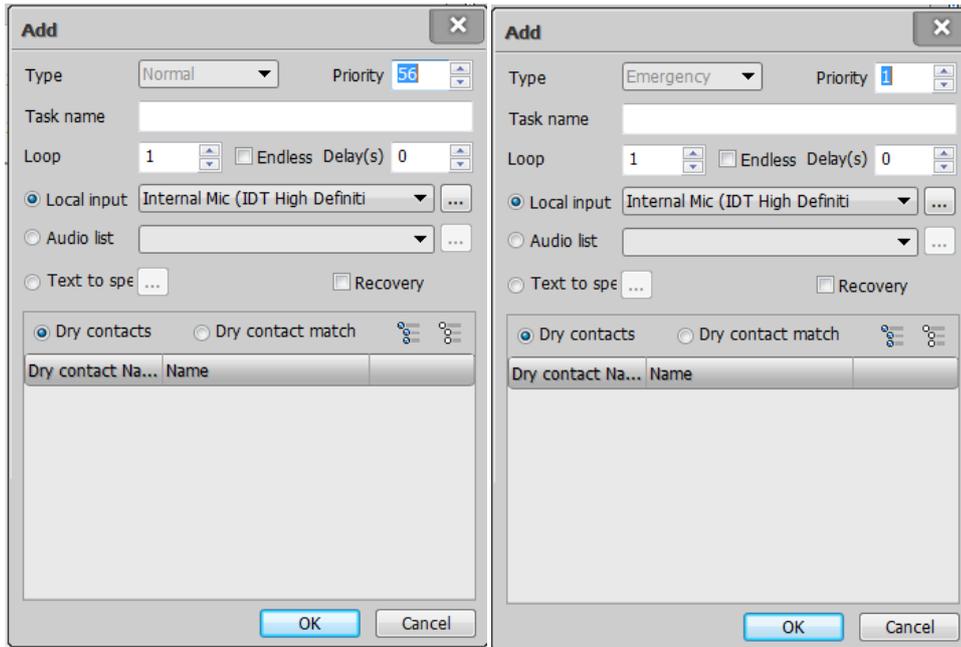
### Note:

In the Normal state, only the normal temporary tasks can be managed. In the Emergency state, only temporary tasks of the emergency state can be managed.

## Creating a Temporary Task

To create a temporary task:

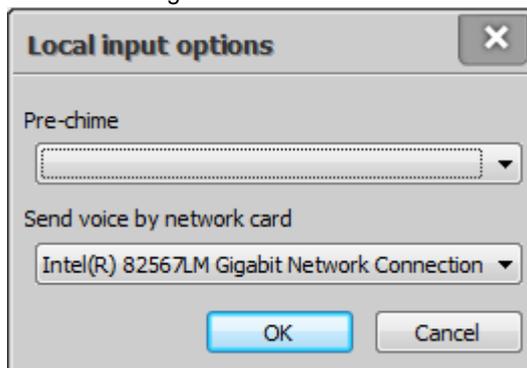
1. Select the **Temporary** tab in the **Play Task** window as shown in Figure 27.
2. Right-click on the blank of the **Temporary** area, and select . The **Add** window displays, as shown in Figure 32.



**Figure 32 Add Temporary Task**

3. Set the following parameters of the temporary task:

- Priority:
  - For an Emergency task, the priority value is in the range of 1 ~ 55.
  - For a Normal task, the priority value is in the range of 56 ~ 255.
- Name
- Loop
- Delay(s)
- Play Modes (Only one out of three)
  - Local input: Used for selecting the sound card corresponds the local audio source. If need to configure a plurality of local input tasks, need to install a sound card or multichannel sound card on the computer, and select one in the task configuration.  
 When Local input is selected, click the  button after Local input to select the network card adapter used for the collect function. The Local Input Option window displays as show in Figure 33.



**Figure 33 Local Input Option**

- Play List: Allows for selecting a configured audio list. The configured audio list can also be customized. To customize the play list, select user-defined play list in the drop-down

menu, click the  button after the Play List, and the window for User-defined play list displays as shown in **Error! Reference source not found.** Drag the audio in the Audios list to this play list content, click , the audio can be auditioned, and then click **OK**.

Besides, the user can reorder the audio files as needed:

- a. Click  icon to move forward the selected audio file.
- b. Click  icon to move backward the selected audio file.
- c. Click  icon to delete the selected audio file.

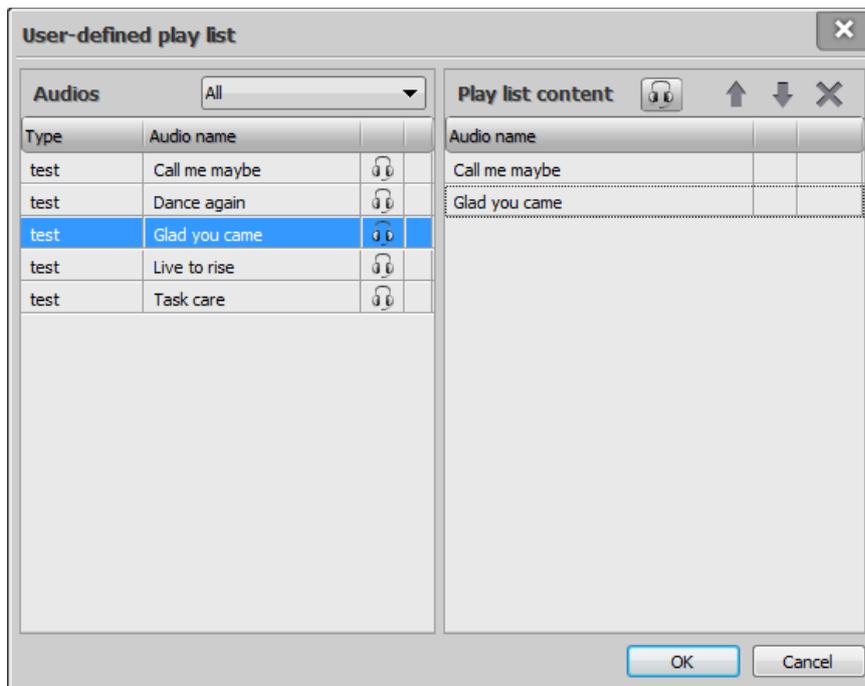
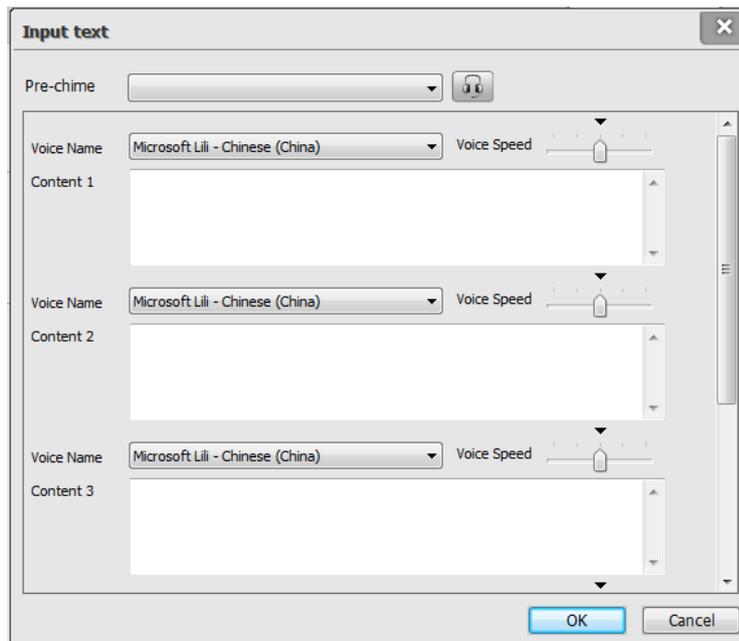


Figure 34 User-defined play list

- Text Speech: Click the  button after Text Speech, and the text input window displays as shown in Figure 35. Enter the text into the content boxes, select pre-chime, adjust the voice speed, and click **OK**.  
click , the voice can be auditioned.



**Figure 35** Input text

- Recovery: Enable or disable the task which was be broken off by the higher priority task resumes automatically when the insert task finished.  
For example: Task 1(background music, priority: 100) is playing in the zone 1; task 2(manual paging, priority: 99) inserts to play in the zone 1 too. At that time, the task1 is be broken off by task 2, the task 1 resumes automatically when the task 2 finishes.
  - Dry Contacts: Used for joint control
  - .Dry contact match: Used for joint control. The output of dry ports must correspond one-to-one with the zones.
4. Click **OK** to save the settings.

## Editing a Temporary Task

To edit a temporary task:

1. Select the Temporary tab in the Task Play window, as shown in Figure 27.
2. Double-click a task, or select a task and right-click to select the  icon in the **Temporary** area. The **Edit** window displays, as shown in Figure 36.

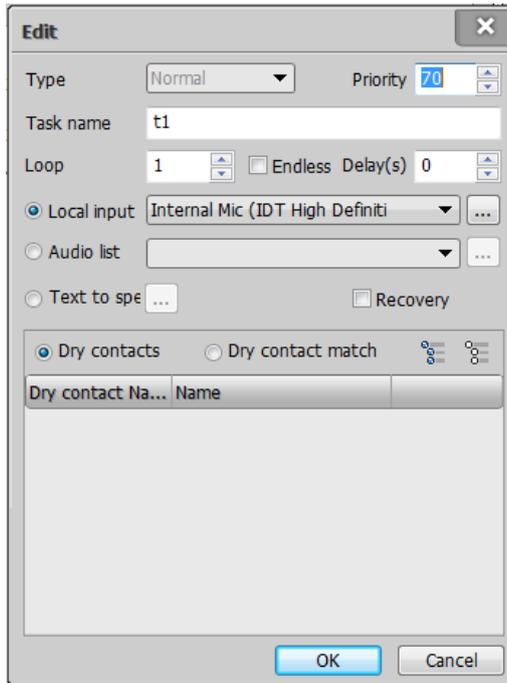


Figure 36 Edit Temporary Task

3. Edit the appropriate parameters as needed.
4. Click **OK** to save the changes.

### Deleting Temporary Tasks

To delete temporary tasks:

1. Select the **Temporary** tab in the **Play Task** window, as shown in Figure 27.
2. Select one or more temporary tasks, and click  icon. The software then prompts for a deletion confirmation.
3. Click **OK** to delete the temporary tasks.

### Adjusting Volume of Temporary Tasks

To adjust the volume of temporary tasks:

1. Select the **Temporary** tab in the **Play Task** window, as shown in Figure 27.
2. Select a task and right-click to select the  icon in the **Temporary** area. The **Volume** window displays, as shown in Figure 37.

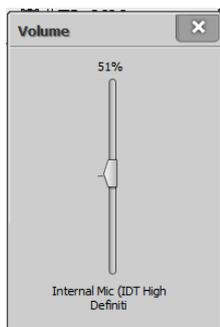


Figure 37 Adjust Volume of Temporary Task



**Note:**

Only select the Local input, the volume of temporary task can be adjusted.

## 6 System Warning

X-SMART provides DCS warning and NRI warning function. When an  icon flashes at the bottom of the X-SMART screen, the system has faults that need to be checked and dealt with in time.

To view system warnings, double-click the  icon. The **System Warning List** displays, as shown in Figure 38.

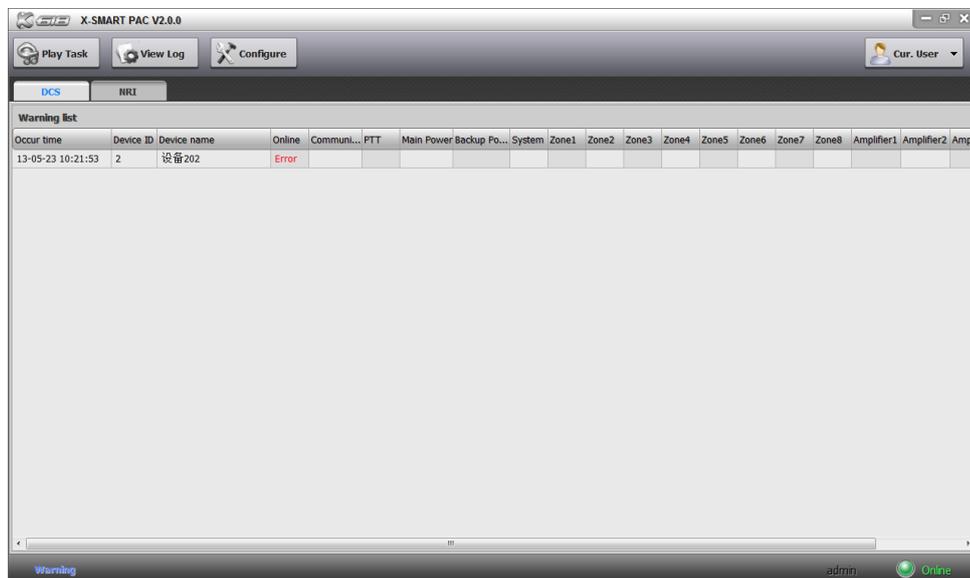


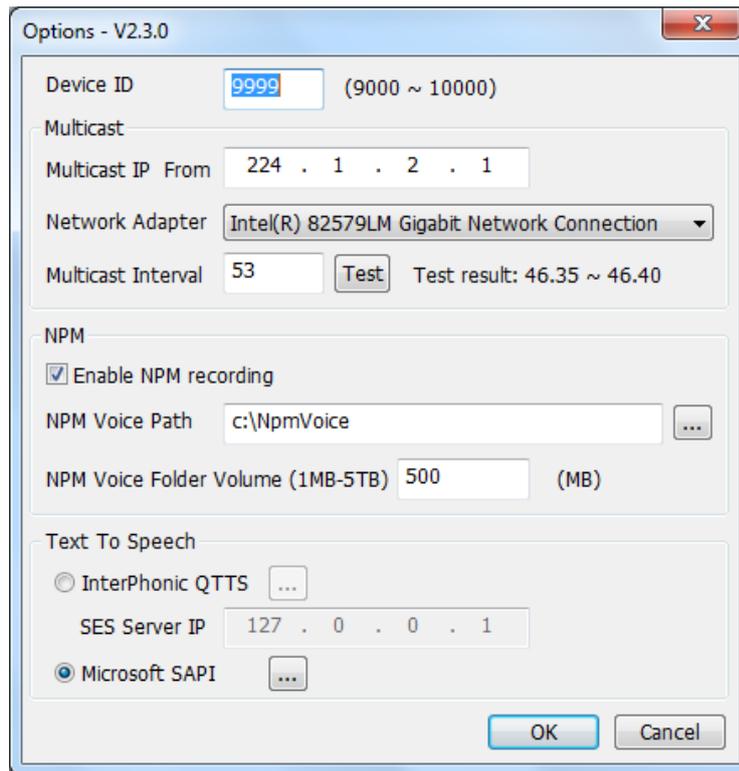
Figure 38 System Warning List

## 7 Server Parameter Settings

X-SMART sends the digital audio to other public address devices by multicast. The operations on the server are focused on setting multicast addresses.

To set the server parameter settings:

1. Right-click the X618Server  icon at the lower right corner of the system tray. The **Option** menu pops up. Click the single **Options** menu item, and the **Options** window displays as shown in Figure 39.



**Figure 39 Server-side Options Window**

2. Set the following parameters:

- Device ID: 9999 ~ 10000
- Multicast IP From : The default setting is 224.1.2.1
- Multicast Interval: Set the sending time interval parameter of X-Smart’s audio data. Click Test, only if Test result in the range of 46.35 ~ 46.4, the parameter setting is OK. The default parameter is 53.
- Network Adapter: Used for multicast
- Enable NPM recording: If checked, the NPM will be recorded and save the data in the specified folder
- NPM Voice Folder: Select the save location of the NPM recording data
- NPM Voice Folder Volume: The maximum data capacity of each NPM Voice Folder
- Text to speech: Set the voice synthesis function, Microsoft SAPI and Interphonic QTTS speech produce of iFLYTEK are selectable at present.

The default setting is Microsoft SAPI, includes includes the speech library of Windows 7 and Neospeech.

If select Interphonic QTTS, the SES serve IP has to be set, the default setting is 127.0.0.1.

- Click the corresponding  icon for Voice Name and Remark settings, as shown in Figure 40. Because speech database selection of speech synthesis displays Remark content in this software, according to the requirement , the understandable and identifiable remarks can be set to easy to select suitable speech database.

For example: the remark of Microsoft Anna - English (United States) is set as Lady; and the voice name option of the input text displays Lady as shown in Figure 41, select it, means has selected Microsoft Anna - English (United States).

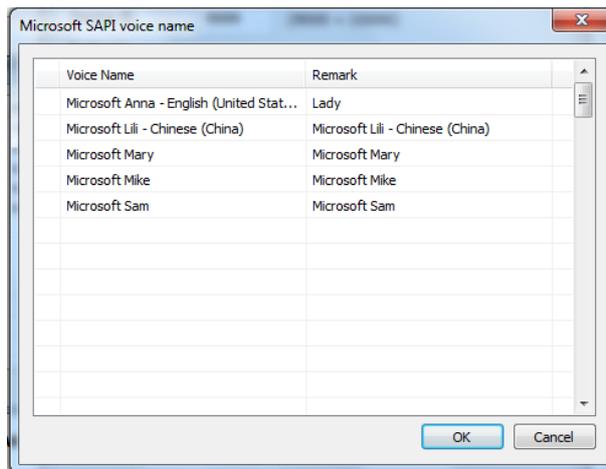


Figure 40 Voice Name Window

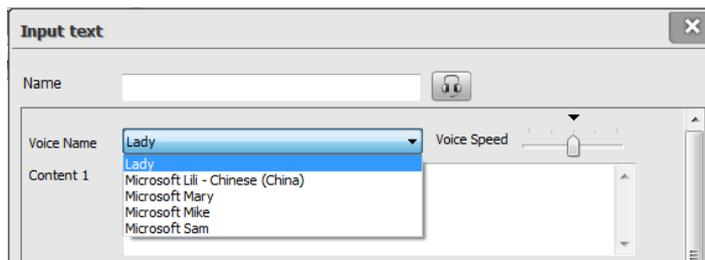


Figure 41 Voice Name of Input Text Display Window

3. Click **OK** to finish the multicast settings.



# Honeywell

[www.honeywellav.com](http://www.honeywellav.com)

Life Safety A/V (Guangzhou) Co., Ltd

Address: No. 257 Junye Road, Guangzhou GETDD East 510530, China

Tel: +86 (0)20 2839 9600

Fax: +86 (0)20 2820 8706

© 2012 Honeywell International Inc. All rights reserved.