Honeywell

X-618 Public Address and Voice Alarm System

Commissioning Manual

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Content

Preface

Thank you for purchasing the X-618 Public Address and Voice Alarm System. Please carefully read this manual prior to product use so as to ensure correct use of the system.

Brief Introduction

This manual describes the basic operations and settings for the X-618 Config software, contained in the following sections:

Chapter 1: Overview

This section introduces the basic functions, runtime environment, and the necessary preparation required before operating or configuring the software.

Chapter 2: Software Installation

This section describes the runtime environment and the installation and uninstallation procedures for the X-618 Config software.

Chapter 3: Basic Operations

This section describes the basic operations of the X-618 Config software.

Chapter 4: Configuration Guide

This section describes various details regarding the settings and operations for the X-618 Config software.

Intended Audience

This manual is mainly for personnel who need to install, operate, maintain, and understand the X-618 Config software.

Relevant Documents

The following documents can be used as a reference when reading this manual:

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

Use Instructions

- All content including figures in this manual are to be used only for reference.
- The product may be subject to change from time to time without notice.
- It is strongly recommended that users read all warnings and precautions in this manual carefully.
- Carefully read this manual before using the product and keep the manual as a reference for future use.
- This manual has been reviewed with its accuracy is ensured. In case of any doubt or dispute of the product description, the final interpretation given by Life Safety A/V (Guangzhou) Co., Ltd. shall prevail.
- 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.

1 Overview

The X-618 provides a series of complete multiple sound source public audio management solutions. The system allows users to customize the configuration to meet their own requirements.

The X-618 Config software is a specialized tool for configuring the system. The user-friendly UI allows users to easily understand and operate the system, as well as configure complex settings.

The X-618 Config software can be configured online or offline. If the software is configured offline, the configuration data is saved as a project file. The configuration file is uploaded to the device system, once the configuration software has been installed on a computer and that computer is connected to the system. After the system receives the configuration data, the system reboots automatically to allow the configuration settings to take effect.

Software Features

The X-618 Config software has the following features:

- Project File Management

  This feature includes the following functions:
  - The ability to create new projects, save projects, and open projects
  - Manages configuration settings and audio files
- System Configuration

  The configuration settings include basic property settings and broadcast function configurations.
  - Basic property settings include the system component and parameter settings, such as the device type, device name, network IP address, time, partitions, and troubleshooting.
  - The broadcast configuration settings are mainly for broadcast operations, such as the broadcast function triggered by the dry contact inputs, timed broadcasts, and other key operations.
- Output Settings

  These settings specify how configuration project files are generated, as well as related settings that include error checking and compiling settings for generating the final configuration file.
- Audio Source Conversion

  Audio source files can be converted to the format specified by system in terms of the audio sampling rate, digitalizing bit, and channel numbers.
- Network Communication

  The configuration software oversees uploading configuration files, audio files and timing data to devices such as the DCS and NPM through the network. The system reboots to allow new configurations to take effect upon successfully receiving and processing the configuration files.

2 Software Installation

This chapter describes the runtime environment and installation and uninstallation procedures of the X-618 Config software.

Run Environment

The X-618 Config software sends configuration data to devices within the system through the network. The computer on which the software is installed must meet the following requirements:

- Windows XP, Windows Vista or Windows 7 operating system
- 1GHz or higher CPU
- At least 128MB of RAM
- At least 1GB of available disk space
- 10M/100M Ethernet interface

Software Installation

The X-618 Config software is easy to install by following an installation wizard.

1. Double-click the installation program *X-618 Config.exe,* and the X-618 Config installation wizard window displays as shown in Figure 1.

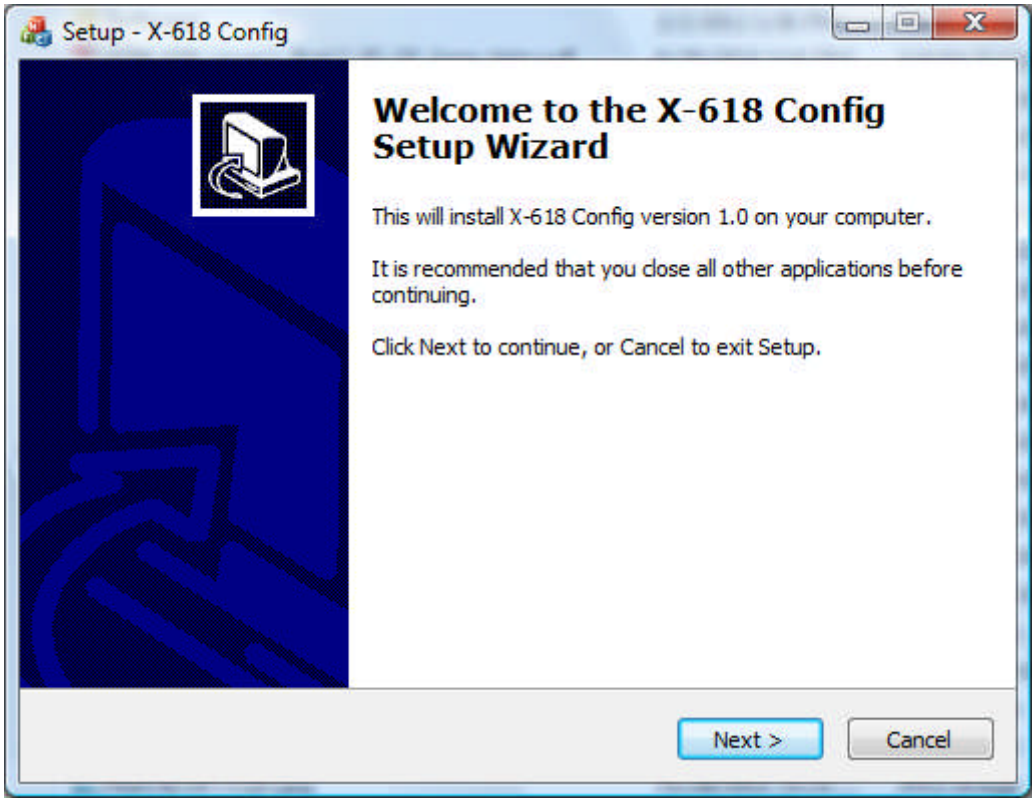

Figure 1 **X-618 Config Installation Wizard Page**

2. Click **Next**. The License Agreement page is displayed.
3. Select **I Agree** on the page.
4. Click **Next**. The information page is displayed.

   Read the important information on this page before proceeding to the next step.
5. Click **Next**. The page shown in Figure 2 is displayed.

   The default installation directory is *C:\Program Files\X-618 Config.* If this directory must be changed, click **Browse** to choose a different destination location.

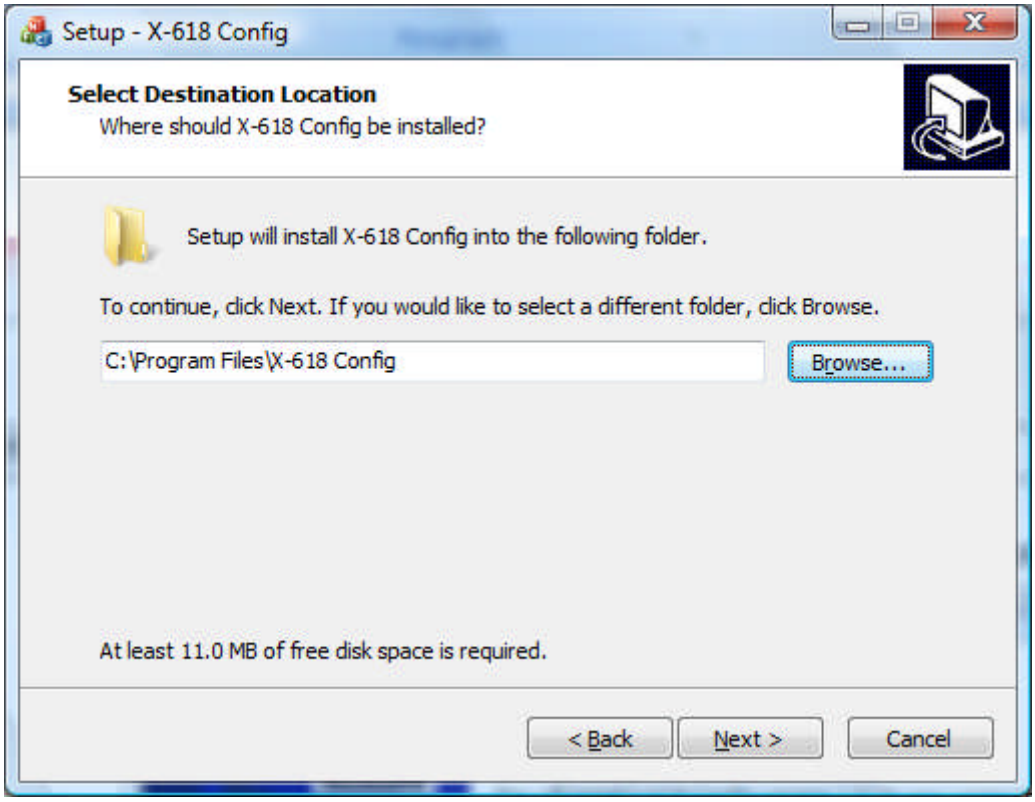

Figure 2 **Select Destination Location**

6. Click **Next.** The Additional Tasks page is displayed.
7. To create a desktop shortcut for running the software, select *Create a desktop shortcut* option.
8. Click **Next**. The Ready to Install page is displayed.
9. Click **Install**. The Installing page is displayed.

   The X-618 Config software is then installed on the computer. The installation progress is displayed.
10. Click **Next**. The information page is displayed.

    Read the information carefully on this page before proceeding with the installation.
11. Click **Next**. The X-618 Config Completion page is displayed.
12. If you need to start the X-618 Config software immediately, select the option *Launch X-618 Config*. Finally, click **Finish** to complete the software installation.

Software Uninstallation

To uninstall the X-618 Config software, follow the steps below:

1. Click **Start** at the lower left of your computer desktop, and select *Program → X-618 Config → Uninstall X-618 Config.* A prompt dialog appears with the message “Are you sure to remove the X-618 Config and its all components?”.
2. Click **Yes** to uninstall the X-618 Config software and all of its components. The prompt dialog “Some content cannot be deleted, you can manually remove them” is displayed.
3. Click **OK**.

Note:

If you want to delete the remaining files manually, you can find and delete the X-618 Config software folder within the installation directory.

3 Basic Operations

This chapter describes the basic operations of the X-618 Config software.

Running the Software

The steps for running the software are as follows:

1. Click **Start** at the lower left of your computer desktop, and select *Program→ X-618 Config→ X-618 Config*. The Select Language window is displayed.
2. Select *English*, and click **OK**. The main window is displayed as shown in Figure 3.

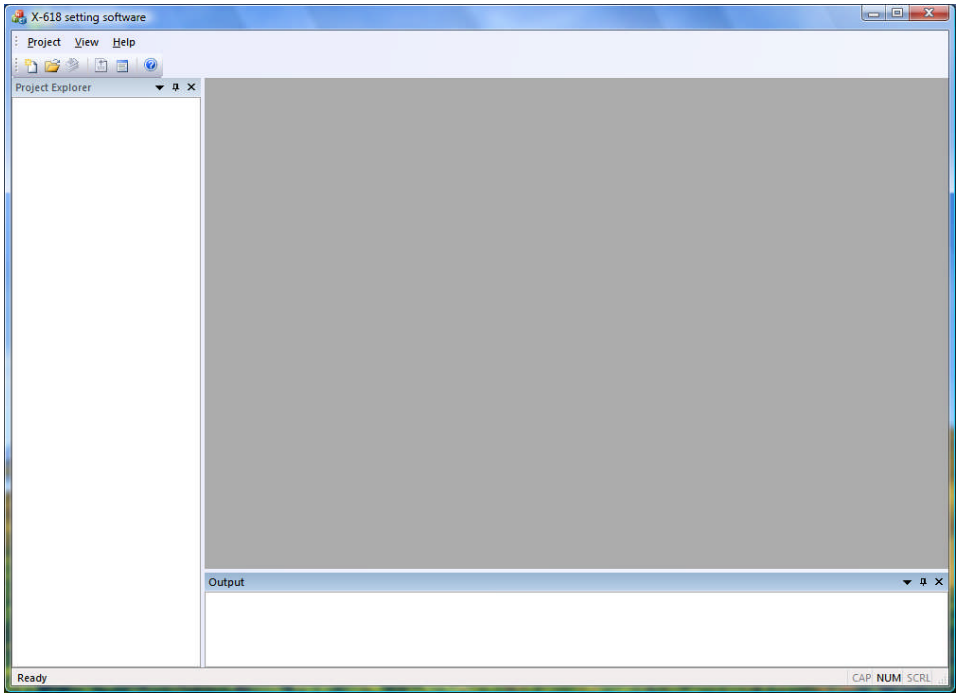

Figure 3 **X-618 Setting Software Initial Window**

Exiting the Software

Select the menu commands *Project→ Exit* to exit the X-618 Config Software.

Views

The X-618 provides various views. The operations for setting the different views are as follows:

- Select the menu command ***View → Full Screen*** to shift from non-full screen mode to full screen mode. Select ***View*** *→ Full screen* again to exit the full screen mode.
- Select the menu command ***View → Project Explorer*** to show or hide the project area.
- Select the menu command ***View → Output*** *Window* to show or hide the output window.
- Select the menu command ***View → Status Bar*** to show or hide the status bar.

Building the Configuration Data

Error Checking

Check the configuration data before generating the final configuration file. Follow the directions below to check for errors:

Select the menu command *Build → Error Check*. The error checking process is performed in the background and the final configuration files are generated. If the configuration data contains errors or conflicts, error information is displayed in the output window.

Build

Follow the directions below to build the final configuration files:

Once all of the configuration settings have been set, click the Build icon on the menu bar or select the menu command *Build → Build*. The configuration data build process runs in the background to generate the final configuration files. If the configuration data contains errors or conflicts, the error information is displayed in the output window.

Communication Function

The communication function of the X-618 Config software allows users to upload configuration files, audio files, and timing data to the system devices. Follow the directions below to upload data to the X-618 system equipment:

1. Click the icon for uploading the configuration files on the menu bar or select the menu command ***Communication → Upload***. The Upload Dialog is displayed as shown in Figure 4.

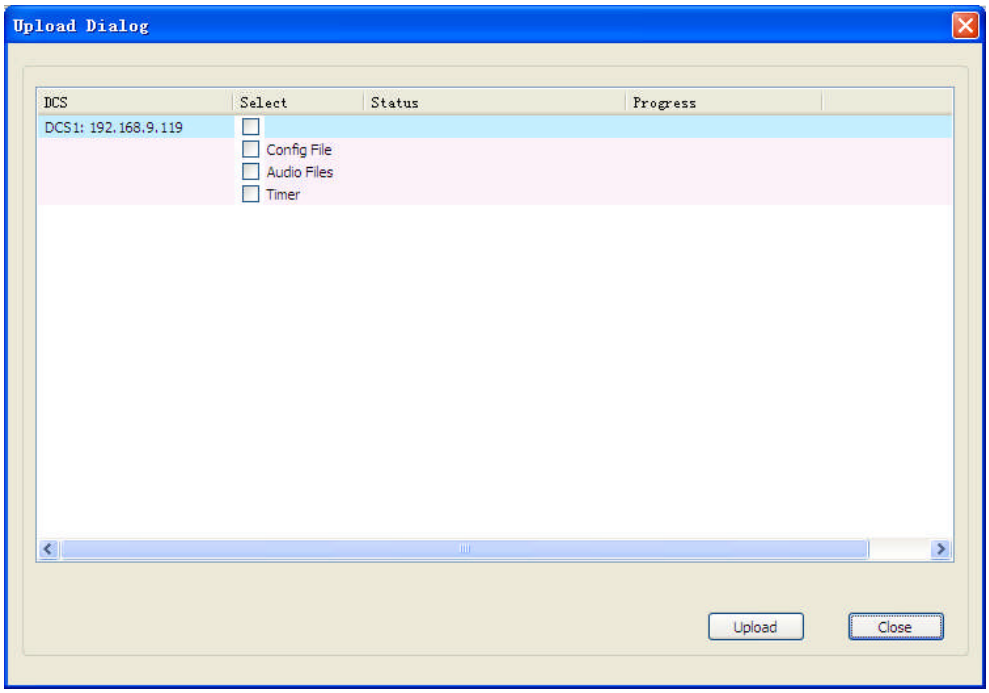

Figure 4 **Upload Dialog**

2. Select the content to upload.

- Configuration files
- Audio files
- Timer

3. Click the *Upload* button. The software then uploads the configuration data to the selected devices in order.
4. Click the *Close* button to exit the Upload Dialog.

Tools

The X-618 Config software provides a notepad tool for users to record related information.

To user the notepad tool, select *Tool* → *Notepad*.

Help

The Help menu of the X-618 Config software provides the software version information.

4 Configuration Guide

The X-618 Config software enables configuring the following settings:

- Project Settings
- DCS Basic Property Setting
- Network & Time Settings
- Audio File Settings
- Play List Setting
- Amplifier Setting
- AVC Setting
- Zone Setting
- Group Setting
- Play Task Setting
- Key Event Setting
- Contact Inputs Setting
- NPM Setting

Preparation

Before configuring the system, the following must be prepared:

- The X-618 system is installed, and the system connections are recorded.
- Correctly connect all system devices to the 10M/100M network.
- Specify the zone numbers, zone loudspeaker powers, and zone names.

Project Settings

All the settings for the X-618 system are based on the concept of a “project”. A project comprises of many subsystems. Each subsystem is a system unit that has a DCS with a power amplifier and corresponding speaker circuits.

Every project has a unique folder for storing the related project files. Each project contains three types of files (*.gpa, *.db and *.ldb). The project folder name is by default the project name. The *.gpa file extension represents project files, and the *.db and *.ldb files are named after the sub-system name.

The following procedures are related to configuring the project settings:

- Creating Projects
- Opening Projects

Creating a Project

The steps for creating a project are as follows:

1. Click the create icon on the menu bar, or select the menu command ***Project → Create*** in the X-618 Config software window, as show in Figure 3. The New Project window is displayed, as shown in Figure 5

   Refer to the example shown in Figure 6 to set the Project name, Location, and Subsystem Name as necessary. The default directory for the project file is in the directory where the software was installed. This directly path can be changed. Click the icon at the right side of the Location path field to select a different directory.

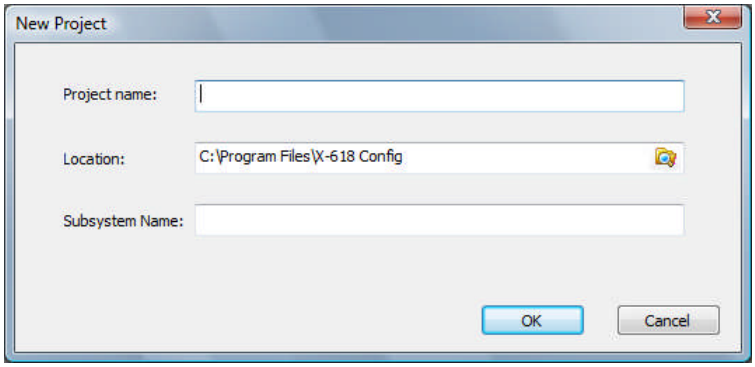

Figure 5 **New Project Window**

2. Click the **OK** button to create the project. The window as shown in Figure 6 is displayed.

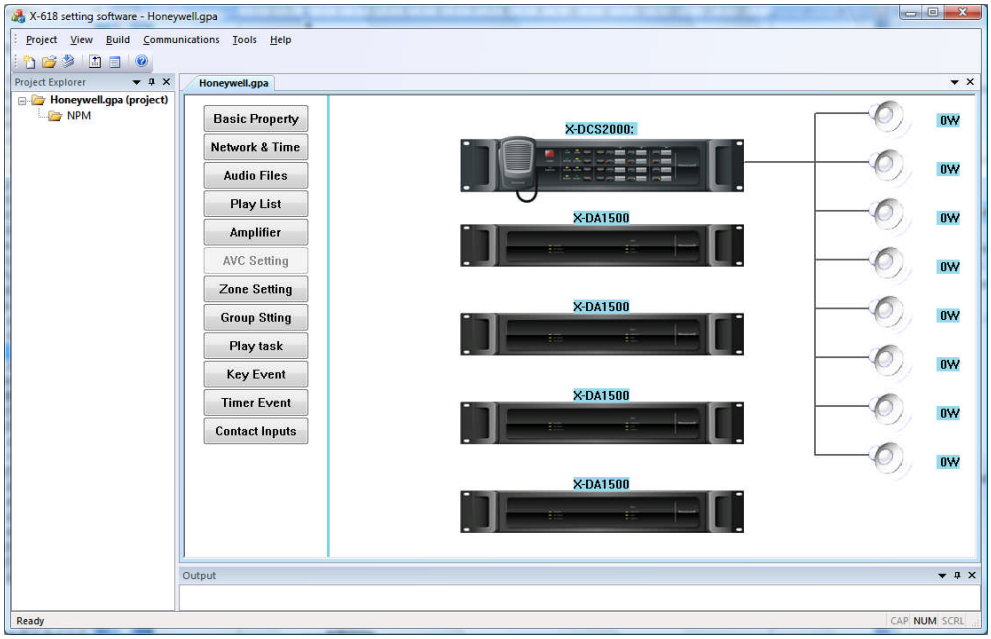

Figure 6 **Created Project Sample**

Opening a Project

1. Click the Open icon on the menu bar, or select the menu command *Project → Open* in the X-618 Config software window. The Open window is displayed.
2. Find and open the project file.
3. Click the Open button. The selected project is then opened.

DCS Basic Property Settings

The basic property setting function allows users to configure the following settings:

- Device Parameter Settings
- NTP Settings
- Fault Monitoring Settings
- Contact Output Settings

Device Parameter Settings

The device ID, device description, device type, and work mode for the DCS can be set under this tab.

To set the DCS device parameters, perform the following steps:

1. Click **Basic Property** in the subsystem area on the right side of the window, as shown in Figure 6. The Basic Property settings page is displayed, as shown in Figure 7.

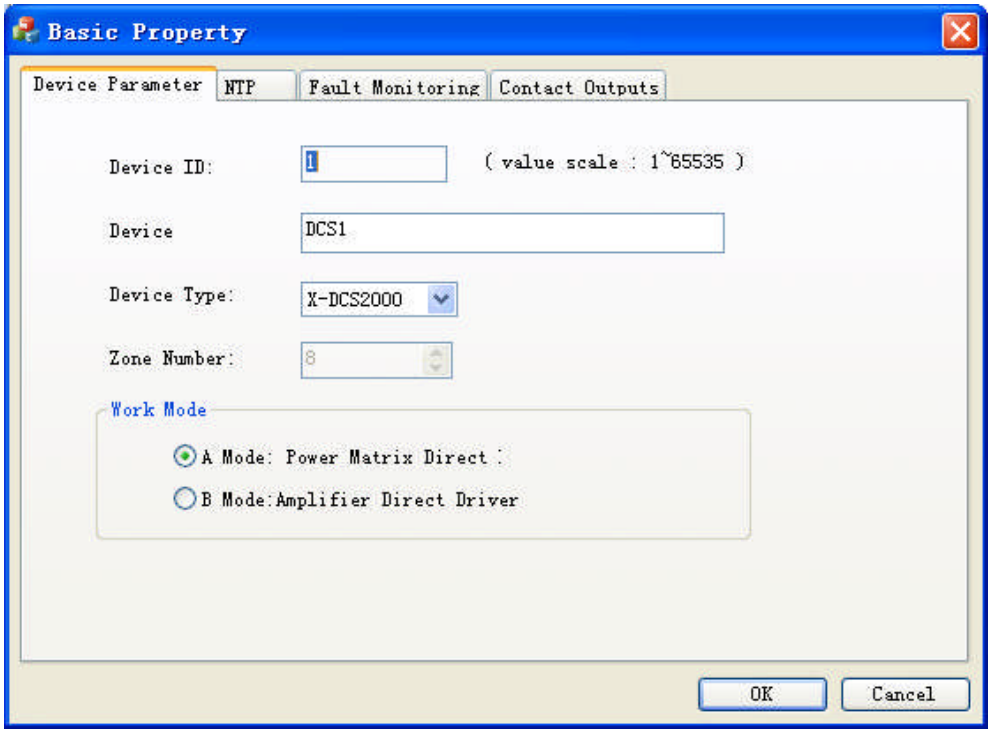

Figure 7 **Basic Property Settings Window**

2. Set the Device ID, Device description, Device Type, and Work Mode.

   The Work Mode can be set to one of the following:

   – The A Mode: Power Matrix Direct setting configures a system consisting of power amplifiers and speaker zones. The size of the matrix is determined by the actual number of the amplifiers and zones. Any zone in the matrix can select any audio source.

   – The B Mode: Amplifier Direct Driver setting configures a system that drives one or more zones through each audio channel power amplifier, which can improve the output power of each zone. Each zone corresponding to the same amplifier broadcasts the same content.

3. Click **OK** to complete configuring the settings.

NTP Settings

The steps for configuring the NTP settings are as follows:

1. Click the NTP tab in the Basic Property settings window, as shown in Figure 7. The NTP settings page is displayed, as shown in Figure 8.

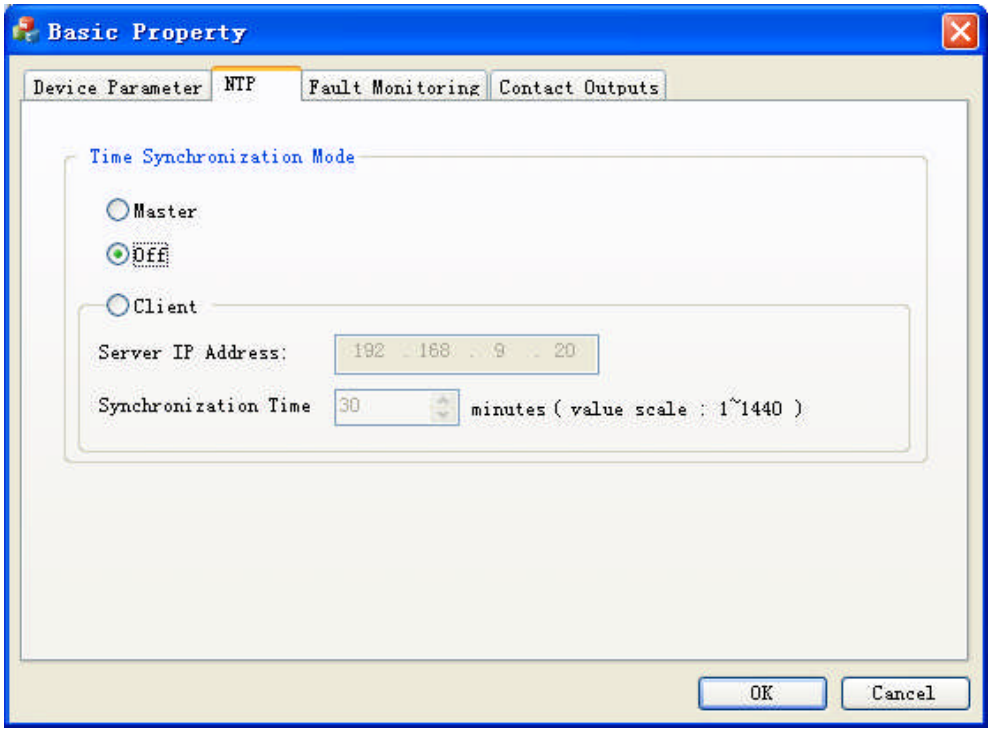

Figure 8 **Basic Property – NTP Settings Page**

2. Select the Time Synchronization Mode as necessary.

- **Master**
- **Off**: Closes the Time Synchronization Mode for the NTP.
- **Client**: The Server IP Address and Synchronization Time must also be set.

3. Click the **OK** button to complete configuring the NTP settings.

Fault Monitoring Settings

The DCS fault monitoring settings include the Main Power Check, Standby Power Check, Power Amplifier Check, PTT Line Check, System Fault Check, Line impendence percentage, and Line check interval.

The steps for setting the fault monitoring settings are as follows:

1. Click the **Fault Monitoring** tab in the Basic Property settings window, as shown in Figure 7. The Fault Monitoring settings window is displayed, as shown in Figure 9.

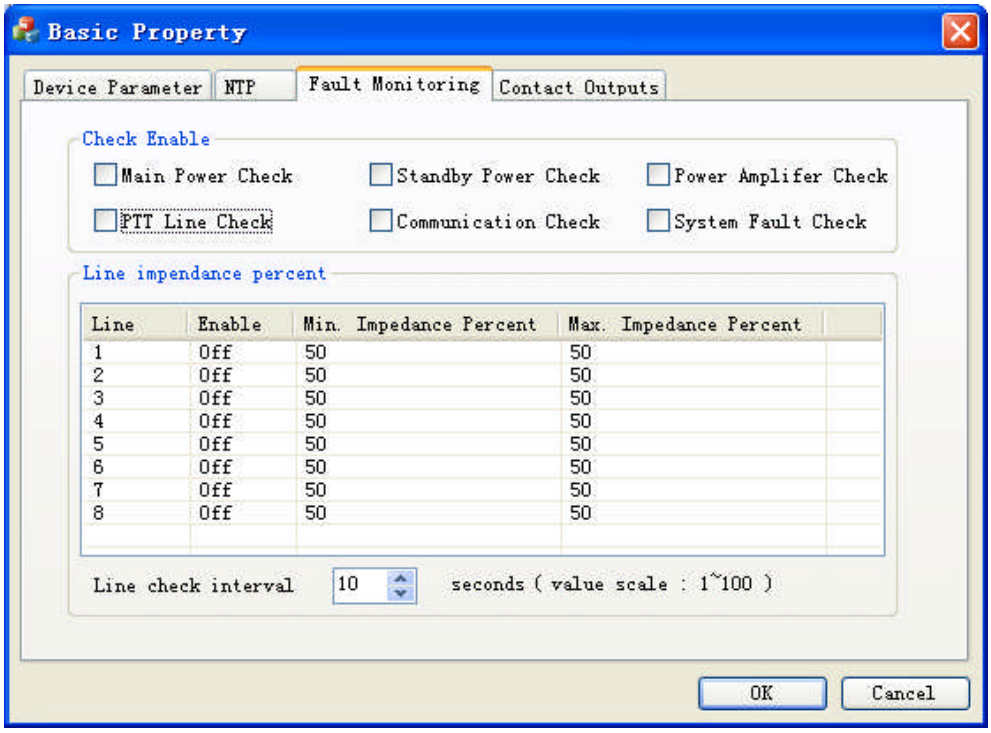

Figure 9 **Basic Property – Fault Monitoring Settings**

2. Set the Check Enable options as necessary.
3. Set the Line impendence percentages.

   To set the line impendence percentages, follow the steps below:

   a. Double-click the row corresponding to the zone line impedance percentages that needs to be set. The Edit Line Impendence Percent window is displayed, as shown in Figure 10.

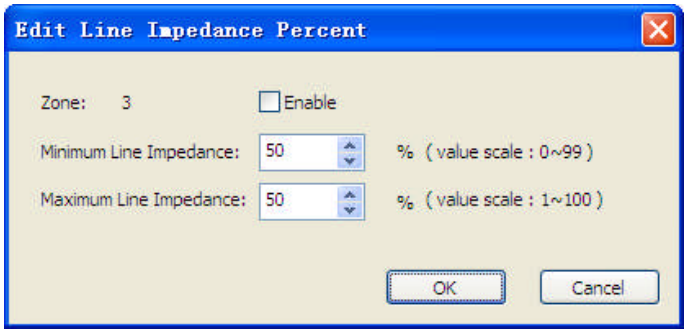

Figure 10 **Edit Line Impendence Percent Window**

   b. Enable or disable the line impendence percentage. If *Enable* is selected, the Minimum Line Impendence and Maximum Line Impendence values must be set.

   c. Click the **OK** button to finish configuring the line impendence percentage values.

4. Set the Line check interval value.
5. Click the OK button to finish configuring the fault monitoring settings.

Contact Output Settings

The purpose of the contact output settings is mainly for enabling the eight dry contact ports.

The steps for configuring the dry contact output ports are as follows:

1. Click the **Contact Output** tab in the Basic Property window, as shown in Figure 7. The Contact Outputs page is displayed, as shown in Figure 11.

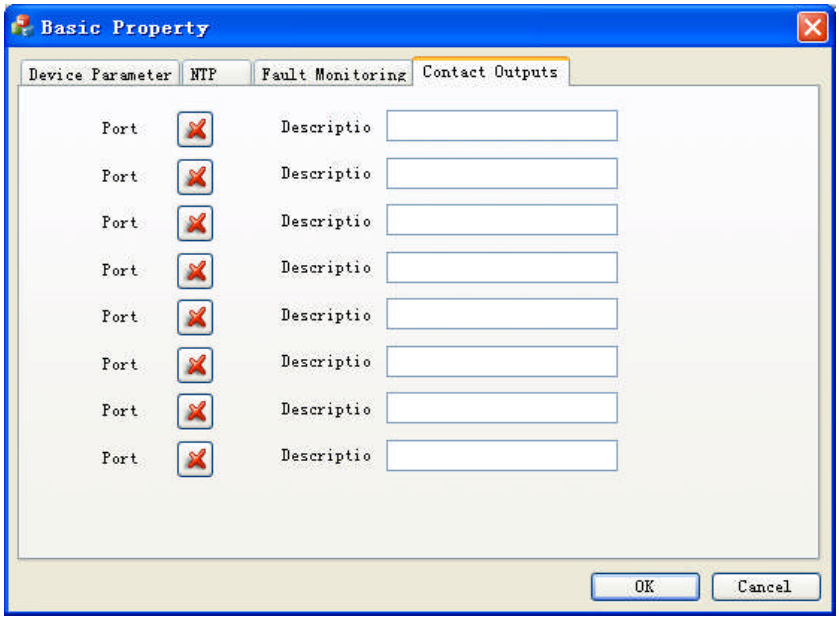

Figure 11 **Basic Property – Contact Outputs Window**

2. Enable or disable the required contact output ports as necessary, and set the corresponding port descriptions.
3. Click the **OK** button to finish configuring the contact output settings.

Network & Time Settings

4. Click the **Network & Time** button in the subsystem area on the right side of the window, as shown in Figure 6. The Network & Time Settings window is displayed, as show in Figure 12.

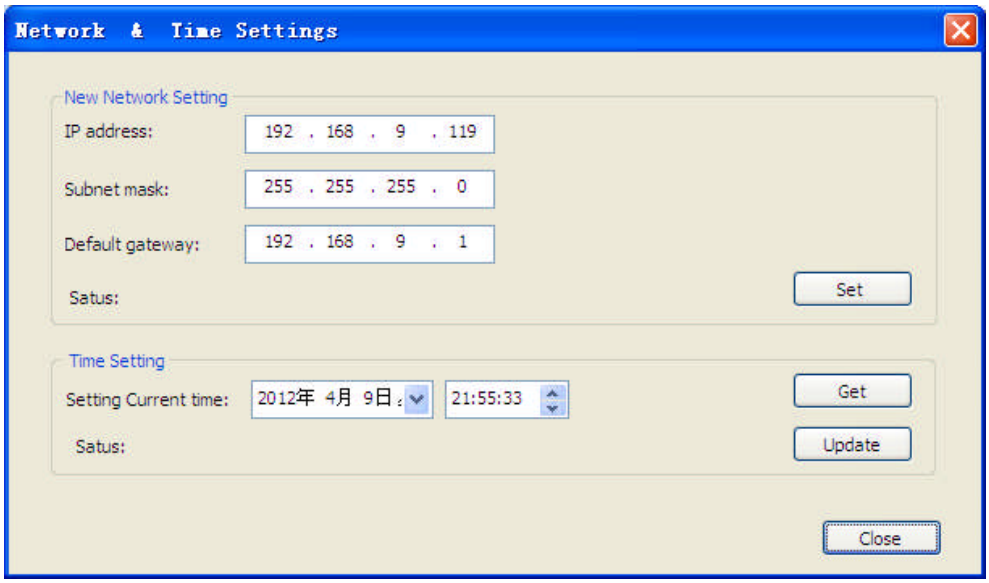

Figure 12 **Network & Time Settings Window**

5. Set the DCS network parameters, including the IP address, Subnet mask, and Default gateway, as necessary. The IP address must meet the network requirements and be unique.
6. After configuring the network settings, if uploading the network parameters to the system devices is necessary, the PC on which the software has been installed directly to the system devices without connecting the computer to the X-618 network, and then click the **Set** button. The default IP address is 192.168.2.200. If the upload of settings to the devices failed, or if the

specified IP address has been forgotten, the default IP address can be obtained by pressing the appropriate button to reset the IP address.

7. To set the system time, click the **Get** button to retrieve the DCS time.
8. Click the **Update** button to set the DCS time manually.
9. Click the **Close** button to exit the Network & Time Settings window.

Audio File Settings

The audio file settings function allows users to configure the local audio files stored on the computer as well as audio file libraries stored on other devices in the system.

To open the Audio File Settings window, following the steps below:

Click ***Audio Files*** in the subsystem area on the right side of the window, as shown in Figure 7. The Audio File Settings window is displayed, as shown in Figure 13.

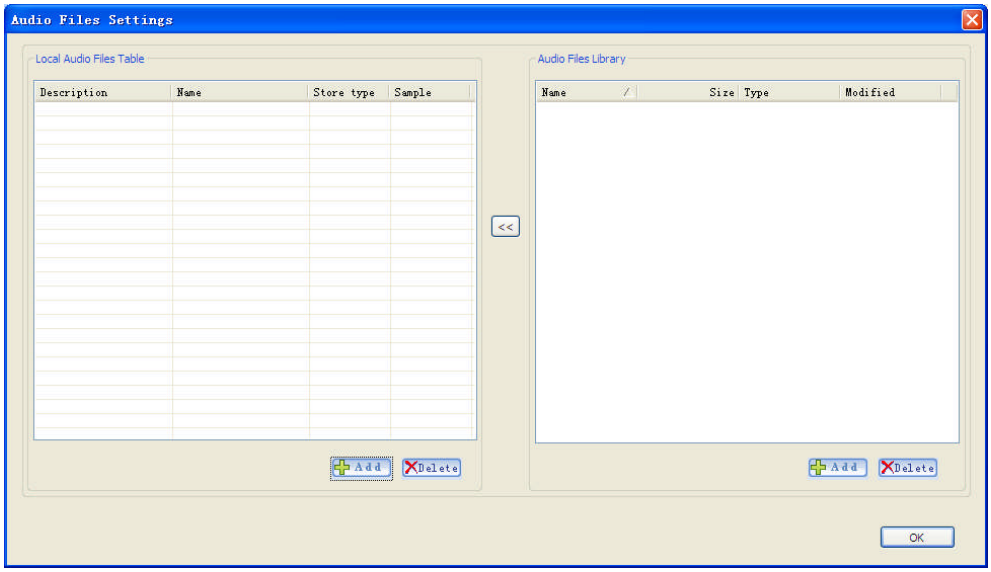

Figure 13 **Audio File Settings Window**

Local Audio File Settings

The local audio file settings include adding, editing and deleting local audio files.

Adding Local Audio Files

For adding local audio files, local *.wav files can be uploaded to the Local Audio Files table. Audio files can also be added from the Audio File Library.

- Adding local *.wav files

1. Click the **Add** button on the left side of the Audio File Settings window, as show in Figure 13. The Add Audio File window is displayed, as shown in Figure 14.

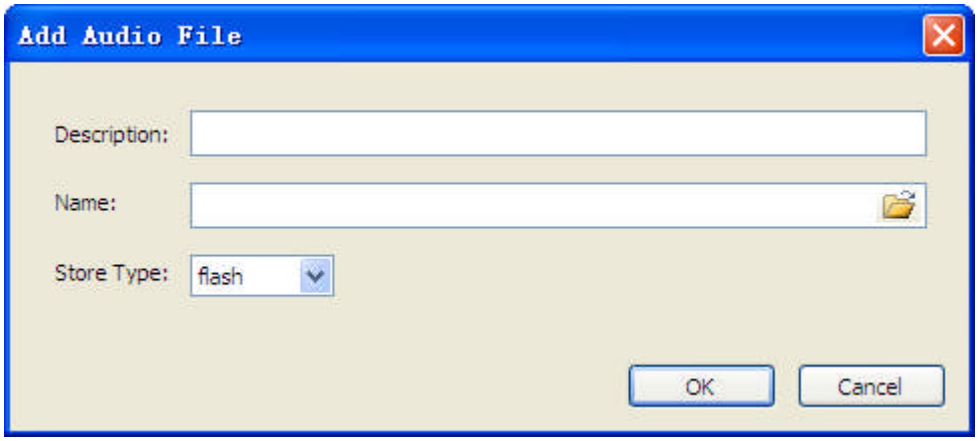

Figure 14 **Add Audio File Window**

2. Enter the appropriate description in the Description text box.
3. Select the audio files by following the steps below:
   a. Click the open icon to the right of the Name field. The Open Files window is displayed for selecting the audio files to add.
   b. Click the ***Open*** button.
4. Set the **Store Type** for the audio files.
5. Click the **OK** button to add the audio files to the Local Audio Files table. These files also are displayed in the Audio File Library.
6. Click the **OK** button to exit the Audio File Settings window.

- Adding the files in the Audio Files Library to the Local Audio Files Table

1. Select the audio files.

   Select the files to add to the Local Audio Files Table from the Audio Files Library on the right side of the window, as show in Figure 14.

2. Click the << button to add the files from the Audio Files Library to the Local Audio Files Table.
3. Click the **OK** button to exit the Audio File Settings window.

Editing Local Audio Files

To edit the local audio files, follow the steps below:

1. Double-click the audio file that needs to be edited on the left side of the Audio File Settings window. The Edit Audio File window is displayed.
2. Edit the Description, Name, and Store Type parameters as necessary.
3. Click the **OK** button to finish editing.
4. Click the **OK** button to exit the Audio File Settings window.

Deleting Local Audio Files

To delete local audio files, follow the steps below:

1. Select the audio files to delete on the left of the Audio Files Settings window, as shown in Figure 13.
2. Click the **Delete** button to delete the selected files.
3. Click the **OK** button to exit the Audio File Settings window.

Audio File Library Settings

Adding Files to the Audio File Library

1. Click **Add** button on the right side of the Audio File Settings window, as shown in Figure 14. The Open window is displayed.
2. Find and select the audio files to add.
3. Click the **Open** button to add the selected audio files to the Audio File Library.
4. Click the **OK** button to finish adding the audio files.

Deleting Files in the Audio File Library

1. Select the files to delete on the right side of the Audio File Settings window, as shown in Figure 13.
2. Click the **Delete** button to delete the selected audio files.
3. Click the **OK** button to exit the Audio File Settings window.

Play List Settings

The playlist settings allow users to add and delete playlists.

To open the Play List Settings window:

Click the ***Play List*** button in the subsystem area on the right side of the window, as shown in Figure 7. The Play List Settings window is displayed, as shown in Figure 15.

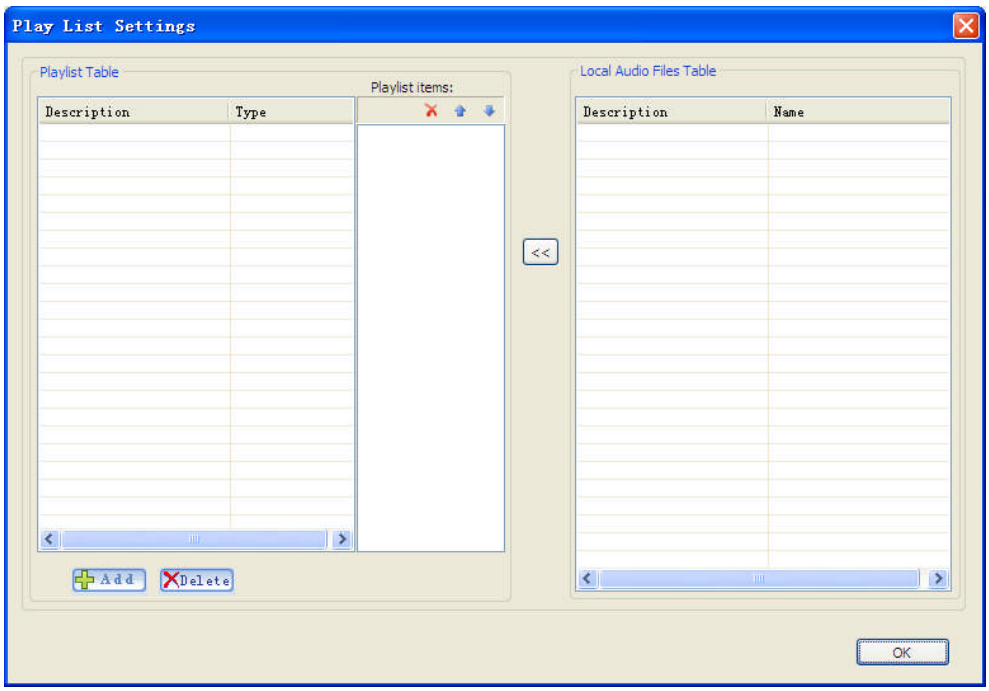

Figure 15 **Play List Settings Window**

Adding Playlists

The playlist settings function allows users to add playlists and audio files for broadcasting.

To add playlists, follow the steps below:

1. Create Playlist Descriptions
   a. Click ***Add*** button on the Play List Settings window as shown in the Figure 15, the Add Playlists window displays.

b. Enter the description.

c. Click ***OK*** button to return to the Play List Settings window.

2. Add Playlist Items

a. Select the added playlist description above.

b. Select audio files from the Local Audio Files Table.

c. Click  button, the audio files will show in the Playlist items area.

d. Reorder the audio files as you need.

–  to delete the selected audio file

–  to move forward the selected audio file

–  to move backward the selected audio file

3. Click OK button to exit the Play List Settings window.

Edit Playlists

The Play List setting function allows you to edit the Playlist Descriptions and descriptions for the audio files in the Playlist table.

To edit playlists:

1. Double-click the playlist to edit on the Play List Settings window as shown in the Figure 15, the Edit Playlist window displays.
2. Edit the Description, as you need.
3. Click **OK** button to return to the Play List Settings window.
4. Double-click the audio file in the Playlist Table to edit its description. If not, exit it.
5. Click **OK** button to exit the Play List Settings window.

Delete Playlists

The Play List setting function allows you to delete the existing playlists with the audio files within it.

To delete the playlists:

1. Select the playlists to delete in the Play List Settings window as shown in the Figure 16.
2. Click **Delete** button to delete the selected playlists.
3. Click **OK** button to exit the Play List Settings window.

Amplifier Setting

The amplifier setting function allows you to set the Model, Power, Enablement, Standby Amplifier and other options.

To set the amplifier options:

1. Click **Amplifier** on the sub-system area on the right of the window as show in the Figure 7, the Amplifier Channel Settings window displays as shown in the Figure 16.

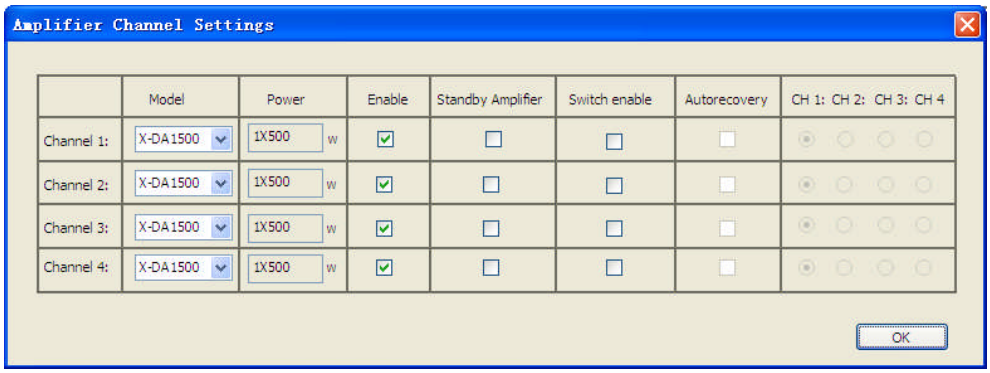

Figure 16 **Amplifier Channel Settings window**

2. Set the parameters as you need.

- Select the Model, and its Power and Channel number will show after it.
- Enable/disable the Standby Amplifier to determine the channel is the master channel or standby channel.
- Auto-recovery is used to enable/disable the master amplifier to recover from the standby amplifier automatically, after the master amplifier becomes normal.
- Channel (CH1, CH2, CH3, CH4) is used to select the standby amplifier corresponding to the master amplifier.

3. Click **OK** button to complete the setting for the amplifier.

AVC Setting

The AVC Setting function allows you to set the parameters for the four AVC channels.

To set the AVC parameters:

1. Click the AVC Setting on the sub-system area on the right of the window as shown in the Figure 7, the AVC Settings window displays as shown in the Figure 17.

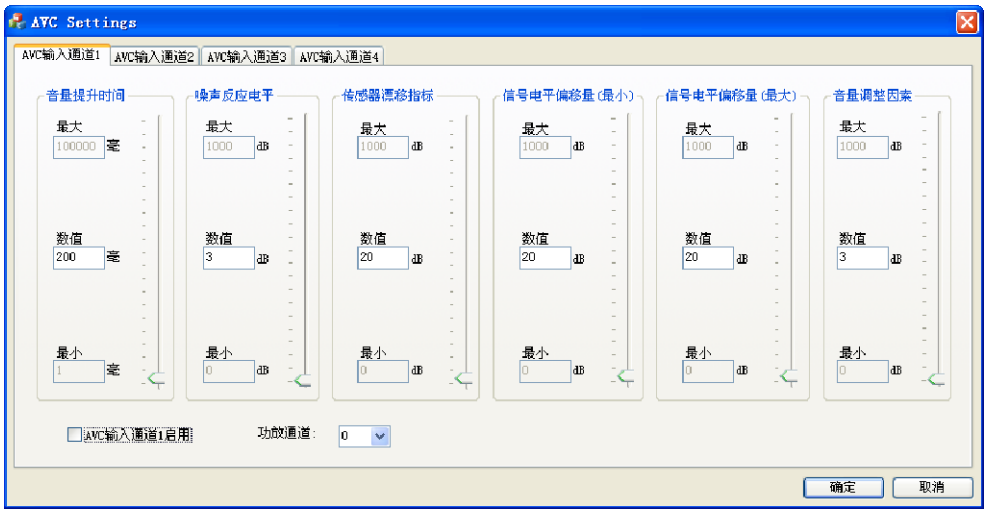

Figure 17 **AVC Setting Window**

2. Set the parameters as you need.

   – Volume Up Time
   – Noise response level
   – Sensor drift indicators
   – Signal level offset (min.)

- Signal level offset (max.)
- Volume adjustment factors
- AVC input channel enable
- Amplifier channels

3. Click OK button to complete the AVC settings.

Zone Setting

The zone setting function allows you to enable/disable the zones and set the Powers and Descriptions.

To set the zones:

1. Click Zone Setting on the subsystem area on the right of the window as shown in the Figure 7, the Zone Settings window displays as shown in the Figure 18.

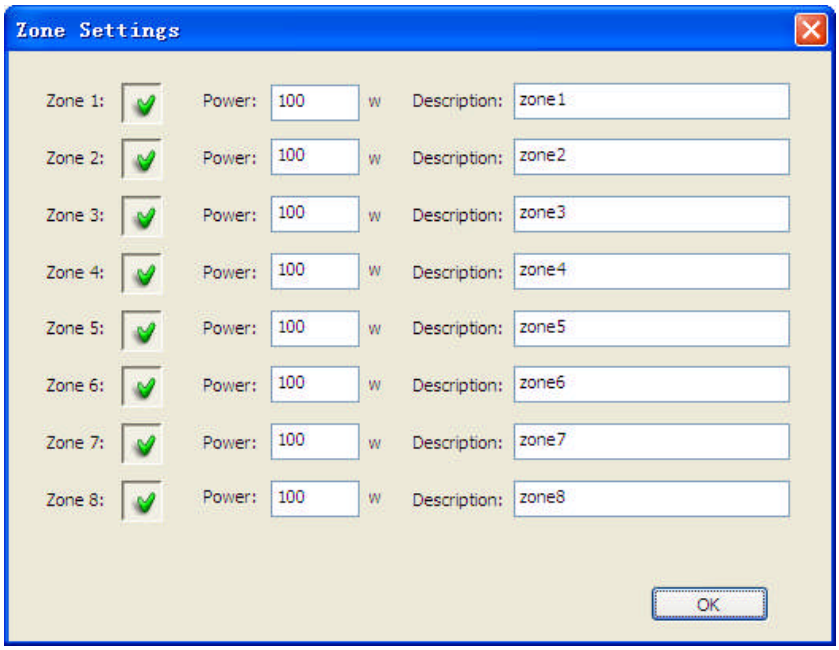

Figure 18 **Zone Settings Window**

2. Enable/disable the zones and set the corresponding Powers and Descriptions.
3. Click **OK** button to complete the zone settings.

Group Setting

The Group Setting function allows you to add, edit and delete groups and edit zones.

To open the Group Settings window:

Click Group Setting on the subsystem area on the right of the window as shown in the Figure 7, the Group Settings window displays as shown in the Figure 19.

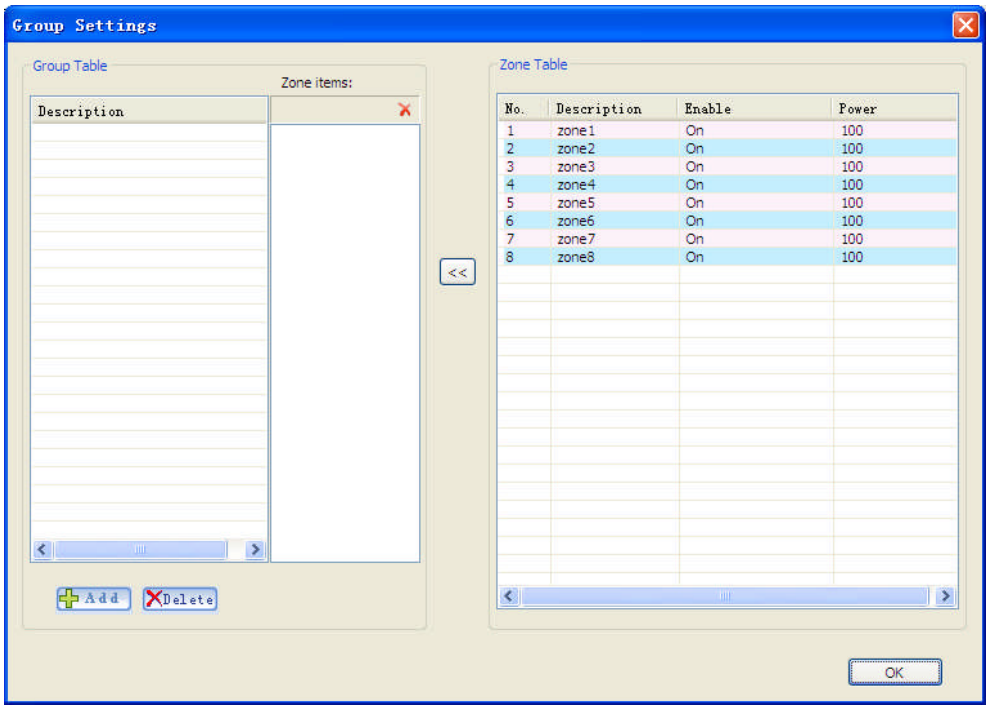

Figure 19 **Group Settings window**

Add Group

To add group：

1. Click **Add** button on the Group Settings window as shown in the Figure 20, the Add Group window displays.
2. Set the group Description.
3. Click **OK** button to return to the Group Settings window.
4. Select the group created before.
5. Select one or more zones in the Zone Table.
6. Click << button to add the zones to the group.

   in the Group Table is used to delete the zones.
7. Click **OK** button to add group information.
8. Click **OK** button to exit the Group Setting window.

Edit Group

To edit the group:

1. Double-click the group to edit in the Group Setting window as shown in the Figure 19, the Edit Group window displays.
2. Edit the group Description as you need.
3. Click **OK** button to return to the Group Settings window.
4. Select the group to edit.
5. Double-click the zone in the Group Table to edit the zone description. If not, exit it.
6. Click OK button to complete the group information edit.

Edit Zone

To edit zone:

1. Double-click the zone to edit, the Edit Zone window displays as shown in the Figure 20.

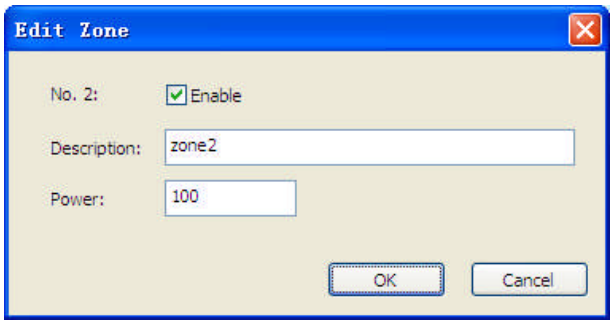

Figure 20 **Edit Zone Window**

2. Enable/disable the zone and edit the Description and Power as you need.
3. Click **OK** button to complete the edit.
4. Click **OK** button to exit the Group Settings window.

Delete Group

The Group Setting function allows you to delete the existing groups.

To delete the group:

1. Select the groups to delete in the Group Setting window as shown in the Figure 19.
2. Click **Delete** button to delete the selected groups.
3. Click **OK** button to exit the Group Settings window.

Play Task Setting

The play task setting function allows you to add, edit and delete the play tasks and play series.

To open the Play Task Settings window:

Click the Play task on the subsystem area on the right of the window as shown in the Figure, the Play Task window displays as shown in the Figure 21.

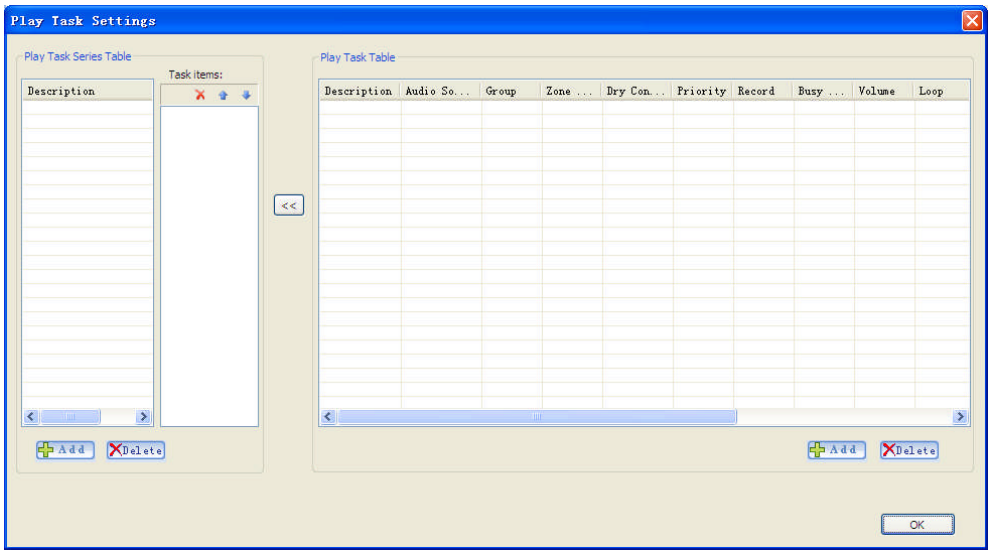

Figure 21 **Play Task Window**

Add Play Task

The play task setting function allows you to add the General Task and Emergency Task.

To add the task:

1. Click the Add button on the right of the Play Task Setting window as shown in the Figure 21, the Add Play Task window displays as shown in the Figure 22.

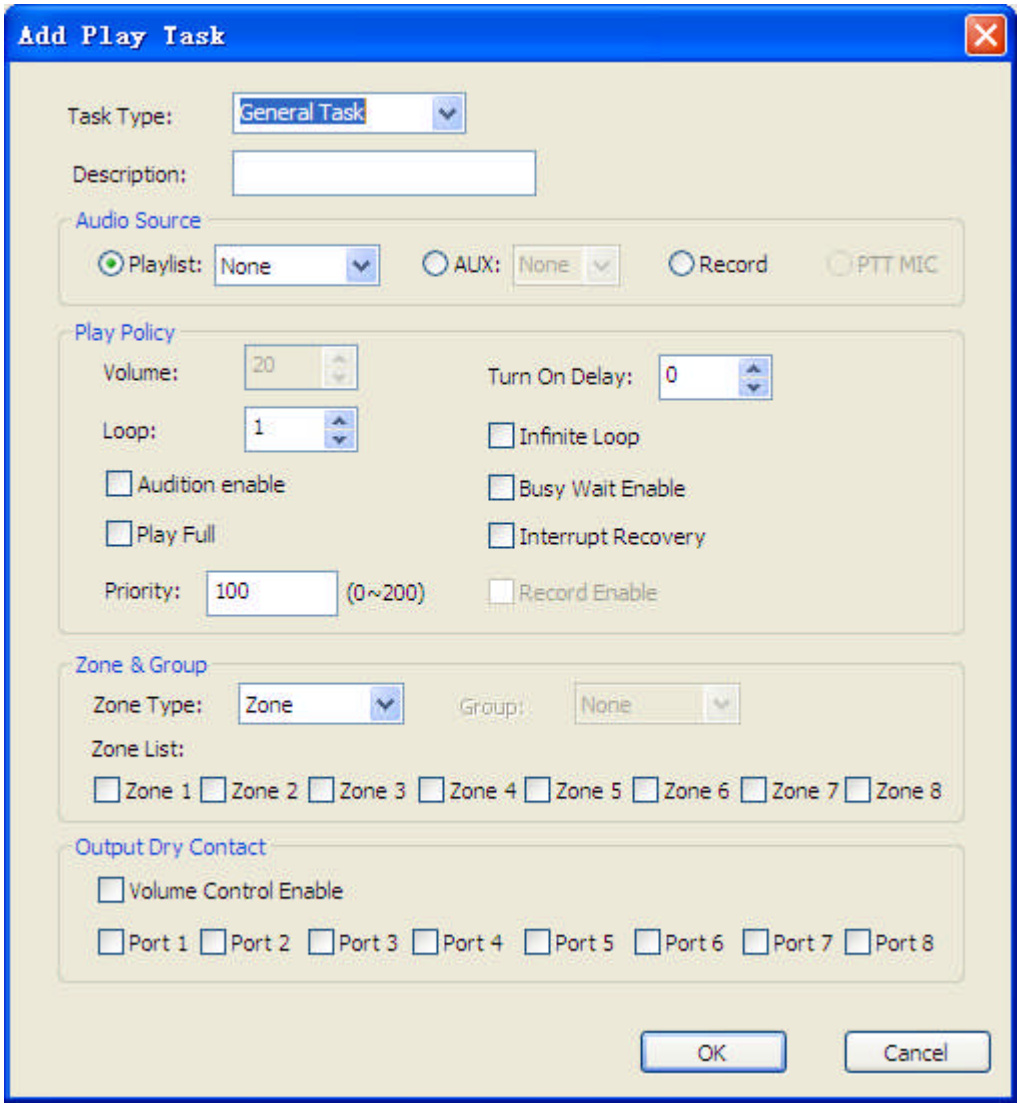

Figure 22 **Add Play Task**

2. Set the parameters as you need.

- Task Type: General Task and Emergency Task.
  The two types of task have different Priorities.
- Description
  It is the Description for the play task.
- Audio Source
  - General Task: it is from the playlist, AUX and Record.
  - Emergency Task: it is from the playlist, AUX, Record and PPT MIC.
- Play Policy
  General Task:
  - The value of the Turn on Delay depends on your need.

- When the Audio Source is from the Playlist or Record, the Loop and Infinite Loop are alternative options. When the Audio Source is AUX, it is no need to set these two parameters.
- When the Audio Source is from the Playlist or Record, the Play Full is active.

Emergency Task:

- When the Audio Source is from the Playlist or Record, the Volume, Audition enable and Record Enable in the Play Policy are no need to set, and you can set the other parameters as you need. The Loop and Infinite Loop are alternative options.
- When the Audio Source is from the AUX or Record, there only the Turn on Delay, Busy Wait Enable, Interrupt Recovery and Priority are active.
- When the Audio Source is from the PPT MIC, there only the Turn on Delay and Record Enable are active.
- The value range for the Priority is 201 ~255. When the Audio Source is from the PPT MIC, the default value for the Priority is 255. It cannot be modified.

- Zone & Group

  Set the zones or groups to play the play task.
- Output Dry Contact

  Set the ports to output the play task. When the Volume Control Enable option is selected, all the options of the Output Dry Contact are locked.

3. Click OK button to complete.

Edit Play Task

To edit play task:

1. Double-click the play task to edit in the Play Task Settings window as shown in the Figure 21, the Edit Play Task window displays.
2. Edit the parameters as you need.
3. Click **OK** button to complete the edit.

Delete Play Task

To delete the play task:

1. Select the play tasks in the Play Task Settings window as shown in the Figure 22.
2. Click **Delete** button to delete the selected play tasks.
3. Click OK button to exit the Play Task Settings window.

Add Task Series

To add the task series:

1. Click Add button on the left of the window as shown in the Figure 21, the Add Series Description window displays.
2. Enter the task series description.
3. Click OK button to return to the Play Task Settings window.
4. Select the added play task series above.
5. Select the play tasks to add to the Play Task Series Table.
6. Click  button, the selected play tasks show in the Play Task Series Table.

-  is to delete the selected play task
-  is to move forward the selected play task

- is to move backward the selected play task

7. Click **OK** button to complete.

Edit Task Series

1. Double-click the play task to edit on the left of the window as shown in the Figure 21, the Edit Task Series window displays.
2. Edit the description for the Task item as you need.
3. Click OK button to return to the Play Task Settings window.
4. Edit the task items.

- is to delete the selected play tasks
- is to move forward the selected play task
- is to move backward the selected play task

5. Click OK button to complete the edit.

Delete Task Series

1. Double-click the play task to delete on the left of the window as shown in the Figure 212.
2. Click **Delete** button to delete the selected Task items.
3. Click **OK** button to exit the Play Task Settings window.

Key Event Setting

The key event setting function allows you to set the Descriptions and Tasks as you need.

To set the key event:

4. Click Key Event on the subsystem on the right of window as shown in the Figure 7, the Key Event Settings window display as shown in the Figure 23.

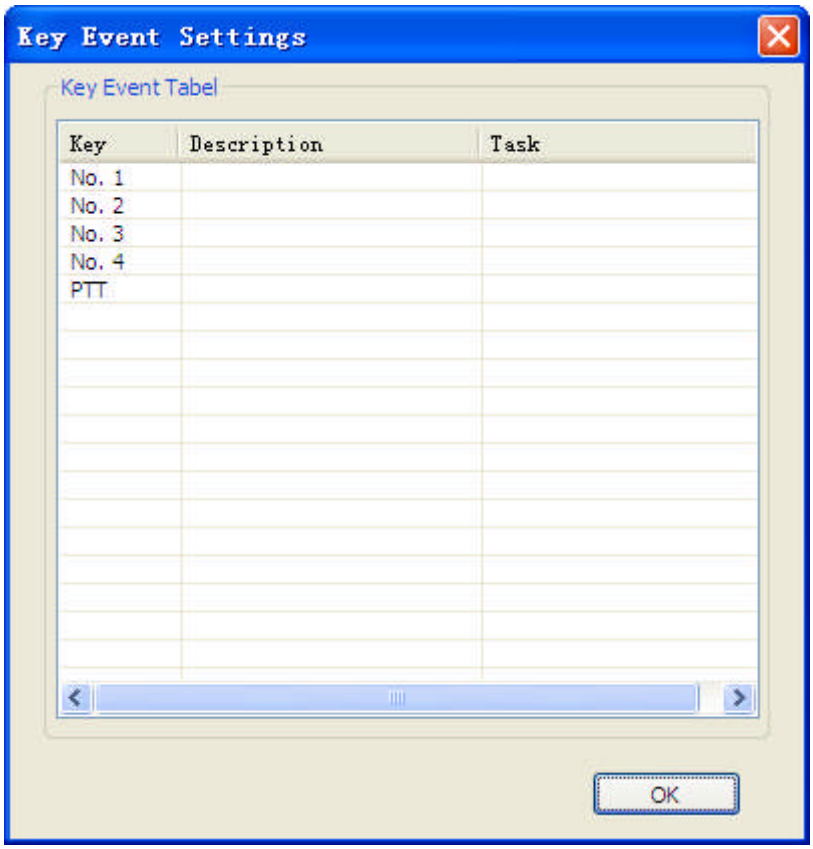

Figure 23 **Key Event Settings Window**

5. Double-click the Key to edit, the Edit Key Event window displays.
6. Set the Description and Task for the Key Event as you need.
7. Click **OK** button to return to the Key Event Settings Window.
8. Click OK button to complete the key event settings.

Timer Event Setting

The timer event setting function allows you to create the Day Program, Weekly Program and Holiday Program.

The weekly plan and holiday plan are created in day.

Time trigger refers to preset the timed broadcast.

Day Program Setting

To set the day program:

1. Click Key Event on the subsystem on the right of window as shown in the Figure 7, the Timer Event window display as shown in the Figure 24.

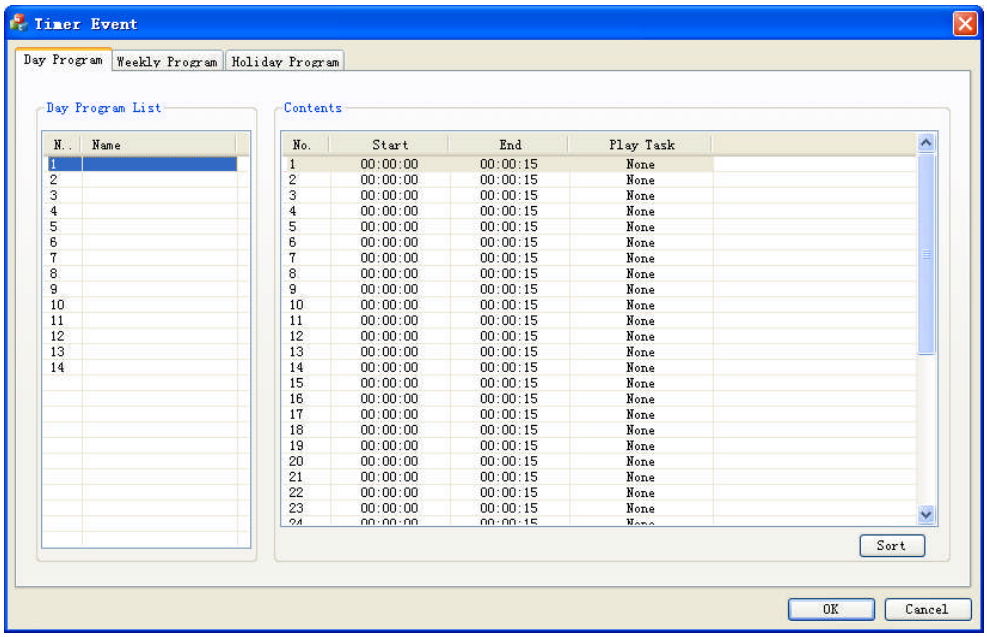

Figure 24 **Timer Event Window**

2. Select a day program and enter the appropriate information in the Name text box.
3. Set the Start time, End time and Play Task in the Contents area.
4. Click **OK** button to complete the day program settings.

Weekly Program Setting

To set the week program:

1. Click Key Event on the subsystem on the right of window as shown in the Figure 7, the Timer Event window display as shown in the Figure 25.
2. Click Weekly Program tab, the Weekly Program window displays as shown in the Figure 25.

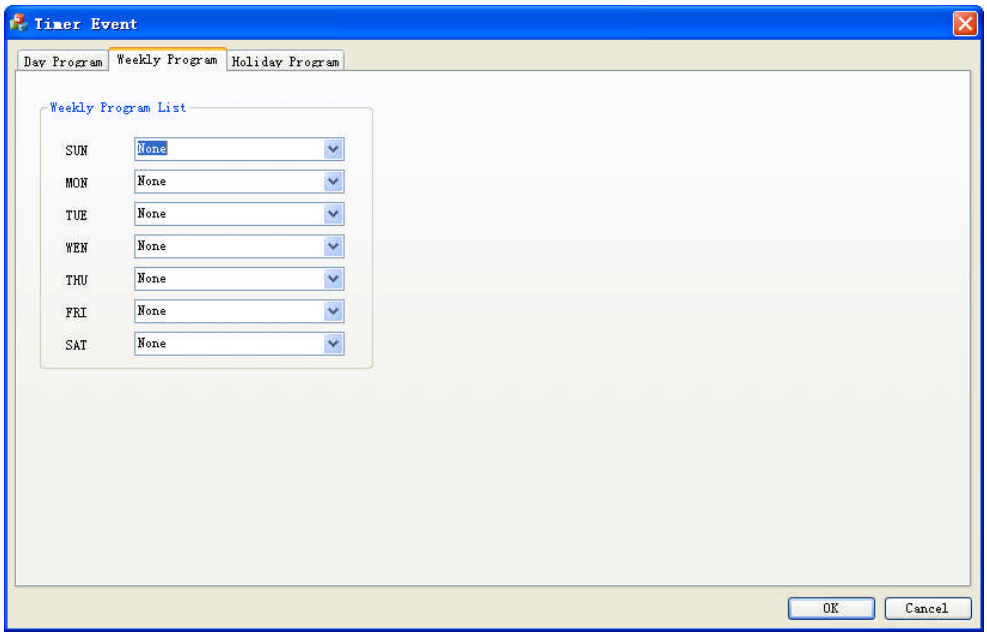

Figure 25 **Timer Event - Weekly Program Window**

3. Set the play tasks as you need.

The dropdown list of the play task shows the play task on every day.

4. Click OK button to complete the Weekly Program Setting.

Holiday Program Setting

To set the holiday program:

1. Click **Key Event** on the subsystem on the right of window as shown in the Figure 7, the Timer Event window display as shown in the Figure 25.
2. Click **Holiday Program** tab, the Holiday Program window displays as shown in the Figure 26.

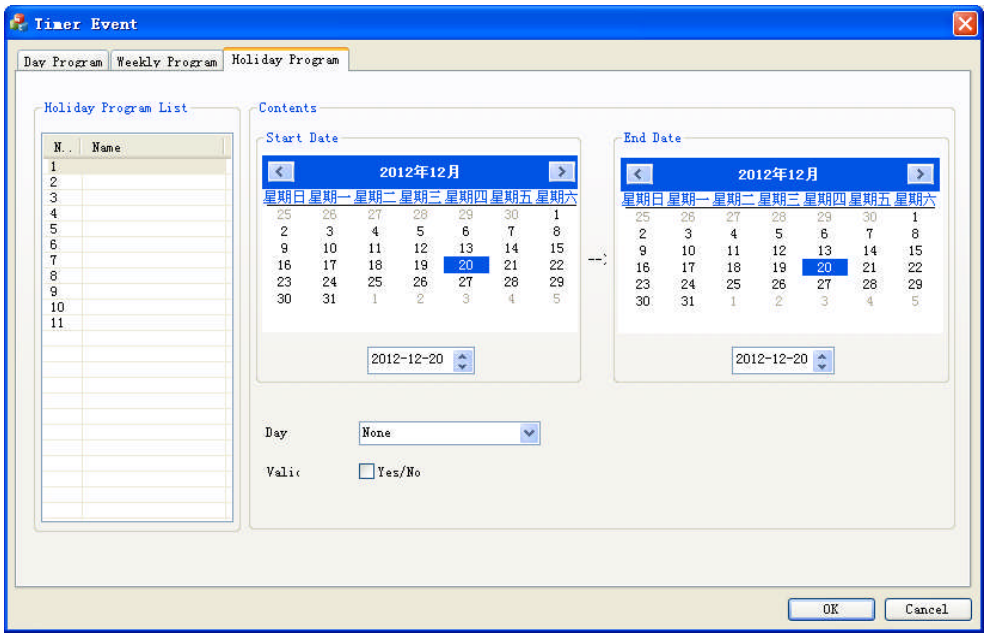

Figure 26 **Timer Event - Holiday Program Window**

3. Set the names for the programs in the Holiday Program List area.
4. Set the Start Date, End Date, the task for a day and the validation for the task in the contents area.
5. Click OK button to complete the holiday program setting.

Contact Inputs Setting

To set the contact input:

1. Click **Contact Inputs** on the subsystem on the right of window as shown in the Figure 7, the Contact Inputs Settings window displays as shown in the Figure 27.

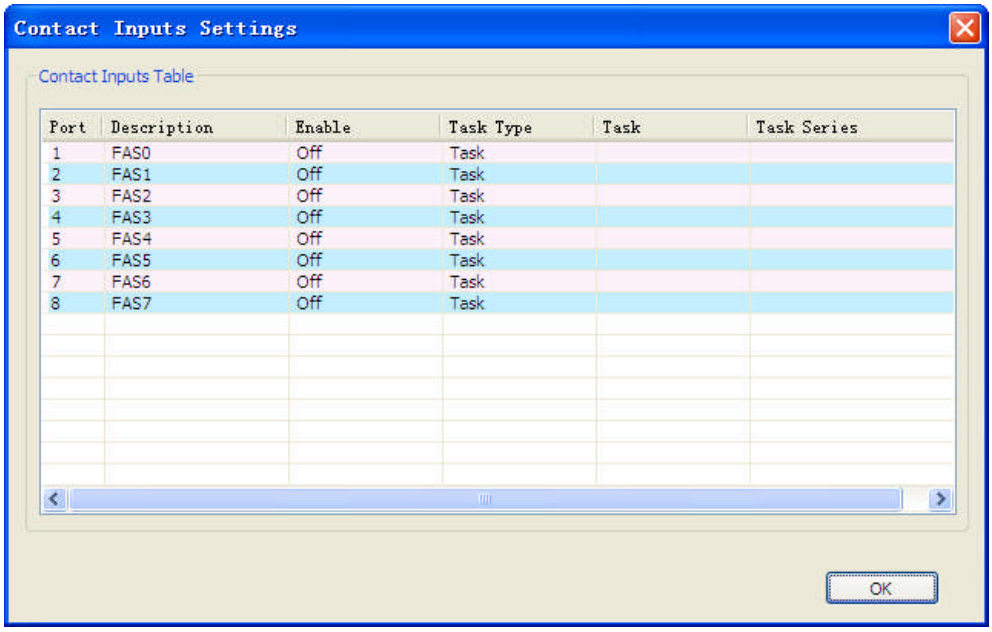

Figure 27 **Contact Inputs Settings window**

2. Double-click the contact input item to edit, the Edit Dry Contact Map window displays.

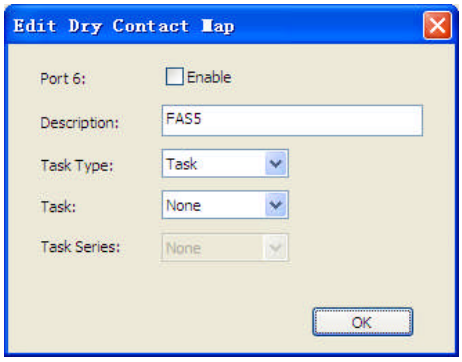

Figure 28 **Edit Dry Contact Map window**

3. Set the parameters as you need.

- Enable/disable the port for contact input
- Description
- Task Type
- Task

4. Click **OK** button to complete the contact input setting.

NPM Setting

The X-618 Config allows you to set the Device Setting, Network Setting, Play Tasks, NPM List and Target IP address for the NPM.

To set the NPM:

1. Select the NPM node in the project column on the left of the window as shown in the Figure 7, the Add NPM floating menu pops up.
2. Select the Add NPM, the ADD NPM window displays.
3. Set the NPM Name as you need, and click **OK** button. The NPM settings window displays as shown in the Figure 29.

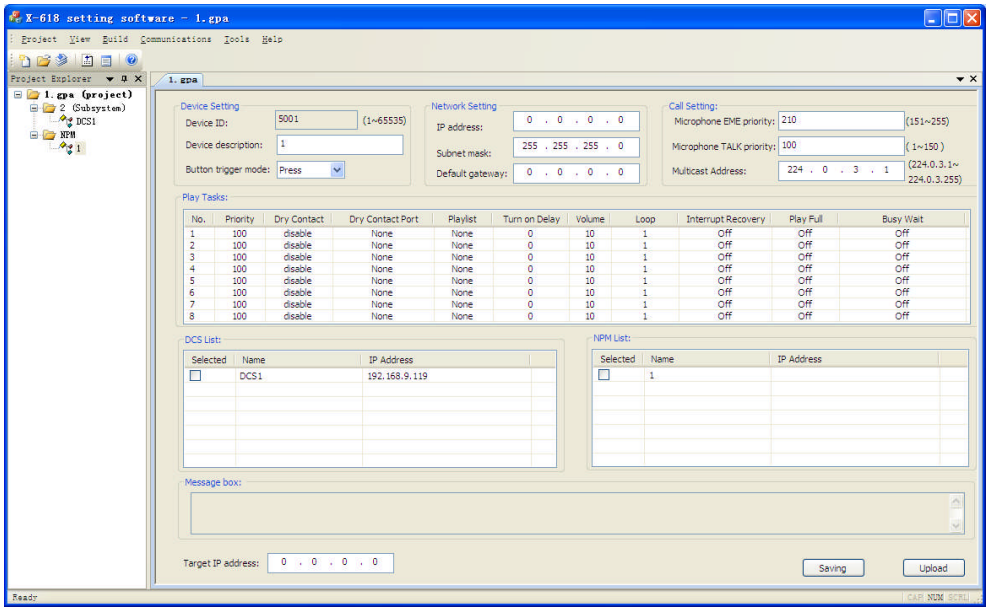

Figure 29 **NPM Settings Window**

4. Set the parameters in the Device Setting area as you need.
   - Device ID
   - Device description
   - Button trigger mode

   Press Mode: the user needs to press the TALK button during the speaking, or not, the selected zone is released with ending the speaking.

   Toggle Mode: the user only need to press the TALK button and start the speaking, and press it again to release the selected zone and end the speaking.
5. Set the parameters in the Network Setting area.
   - IP address
   - Subnet Mask
   - Default gateway
6. Set the parameters in the Call Setting area.
   - Microphone EME priority
   - Microphone TALK priority
   - NPM Multicast Address
7. Set the play tasks for each zone in the Play Tasks area.
   - Priority
   - Dry Contact Enable
   - Dry Contact ID
   - Playlist
   - Turn on Delay
   - Volume
   - Loop
   - Interrupt Recovery
   - Play Full
   - Busy Wait
8. Select the DCS in the DCS List.

9. Select the NPM in the NPM List.
10. Set the Target IP address.
11. Click **Saving** button to save all the settings, the information area will show all the operation results.
12. Click **Upload** button to upload the setting information to the server and show all the operation results.
13. Click the close icon  on the upper right of the NPM setting window to exit the NPM setting window.

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