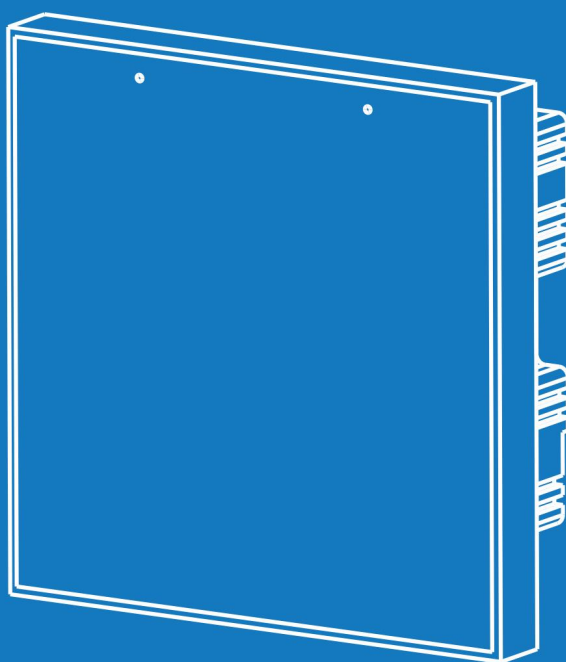


***SPON***

IP NETWORK REMOTE  
BROADCAST CONTROL PANEL  
User Manual



# Table of Contents:

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- 1. Important Safety Precaution
- 2. Product Overview
  - 2.1 Basic Introduction
  - 2.2 Hardware Interface Description
- 3. Unpacking and Installation
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- 4. Quick Operation Guide
  - 4.1 Network Settings
  - 4.2 User-Defined Terminal Parameter Settings
  - 4.3 Basic Function

# 1. Important Safety Precaution

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Please read this User Manual carefully before using this product and follow all the safety precautions mentioned herein.

## **During Installation:**

### (1) Avoid humidity:

Please do not expose the device to rainy environment or other humid environment, otherwise it may lead to fire or electric shock.

### (2) Use correct power supply:

Please use the specified power adapter for the device, using high voltage power supply may lead to fire or electric shock.

### (3) Protect the electric wire:

Do not scratch, cut or twist the power cord, keep the power cord away from any heating device, do not place heavy objects on top of the power cord, otherwise it may lead to fire or electric shock.

## **During Use:**

### (1) If anything goes wrong:

During use of this device, if any of these anomalies mentioned below happens, please cut off the electricity immediately, otherwise it may lead to fire or electric shock.

- smoke or strange smell coming out of the device.
- water or other foreign object gets into the device.
- damage on the product shell.
- damage of the power cord (cable core exposed or broken).
- malfunction of the device (no network connection or no sound).

### (2) Do not open the product shell:

There are high voltage parts inside of the product shell, opening the product shell without permission may lead to fire or electric shock.

### (3) Do not touch the device when it thunders:

To avoid electric shock, please do not touch the device or power plugs when it thunders.

### (4) Do not place liquid containers on top of the device:

If accidentally knock over the liquid container and let any liquid get into the device, it may lead to fire or electric shock.

### (5) Cautions when the device is not in use:

If the device is not in use for 10 days or longer, please cut off the electricity and unplug the power plug from the power socket, otherwise it may lead to fire or electric shock.

## 2. Product Overview

---

Here is what you can find in this section:

- **2.1 Basic Introduction**
- **2.2 Hardware Interface Description**

## 2.1 Basic Introduction

---

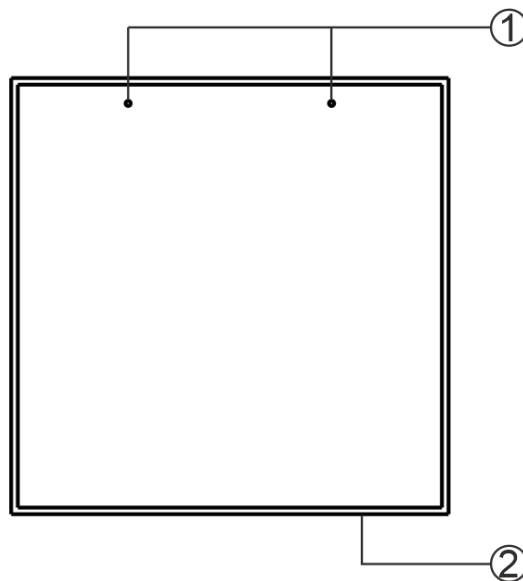
1. Adopt 86 wall-entering structure design and can be embedded in the national standard 86 bottom box for installation.
2. 4-inch HD capacitive touch color screen, five-point touch.
3. Having the functions of remote task broadcast control and task volume adjustment
4. The number of fixed broadcast control tasks is greater than 12
5. Standard RJ45 network interface, it can be accessed where there is an Ethernet port.

## 2.2 Hardware Interface Description

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### Interface Description

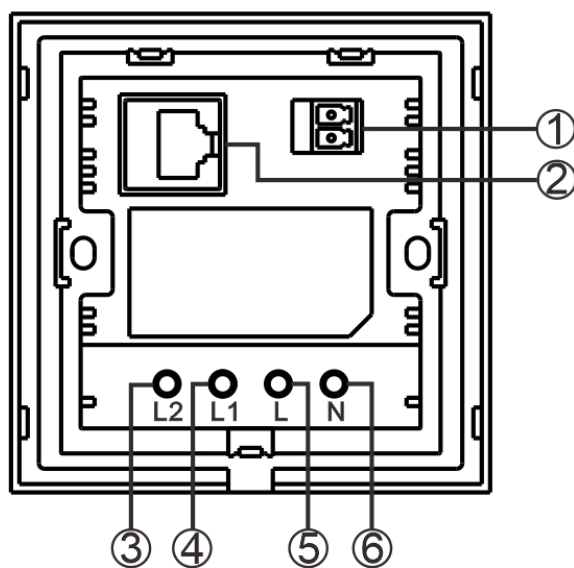
#### Front panel



①Microphone

②Speaker

## Rear panel



①RS485 interface: Reserved.

②RJ45 network interface: Connecting to Ethernet switch using Ethernet cable,so that the device can log on the server normally.

③L2: FireWire output interface.

④L1: FireWire output interface.

⑤L: FireWire input interface.

⑥N: Zero line.

## 3.Unpacking and Installation

---

Here is what you can find in this section:

- **3.1 Packing List**

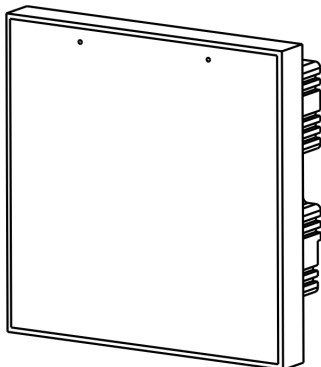
## 3.1 Packing List

---

Before installing this product, check whether the accessories are complete, if there are any missing parts, please contact your local distributor.

Main parts packed in the packing box include:

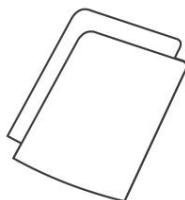
- 1×IP network remote broadcast control panel



- 1×3.81mm wiring port



- 1×Installation manual



- 1×Certification





## 4. Quick Operation Guide

---

Here is what you can find in this section:

- **4.1 Network Settings**
- **4.2 User-Defined Terminal Parameter Settings**
- **4.3 Basic Function**


## 4.1 Network Settings

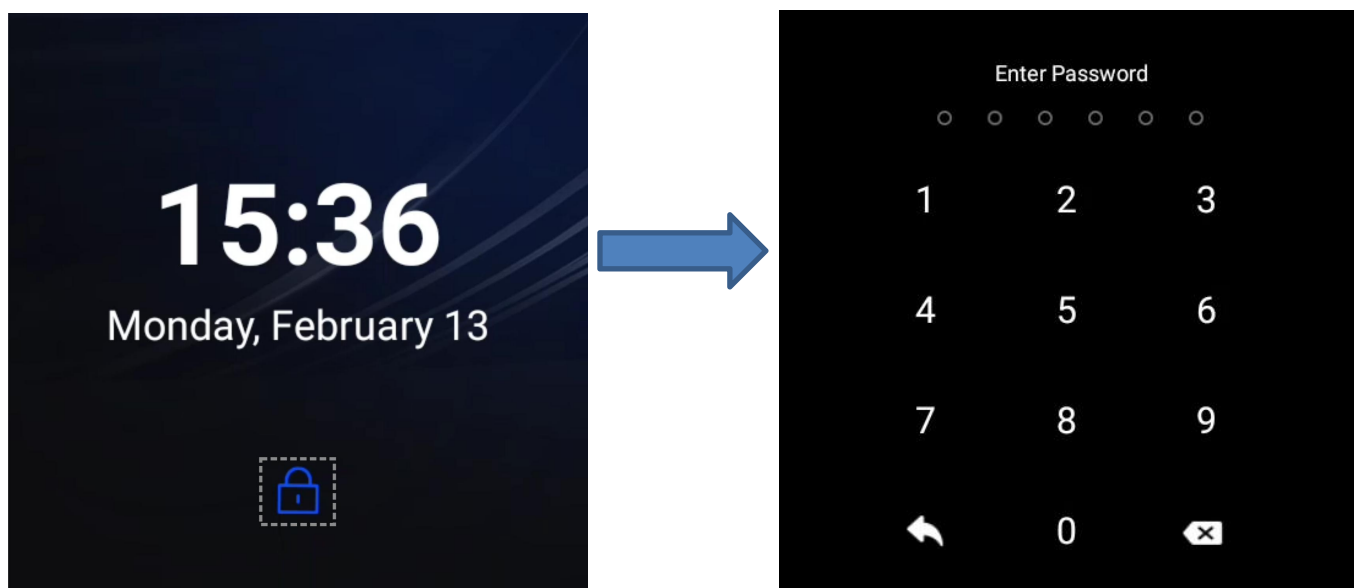
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### Basic Network Settings

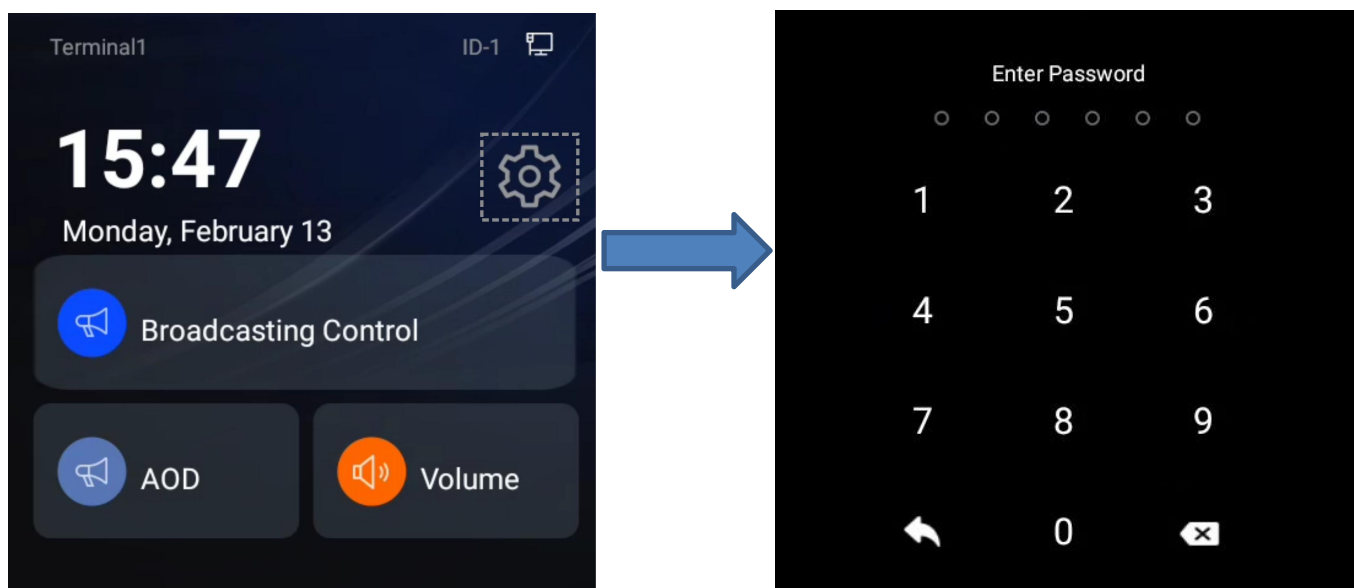
After connecting the IP network remote broadcast control panel and turning on the power , there are two methods to modify the network parameters of the terminal according to the live environment:

#### Method one: By touch screen

(1) Unlock the screen. Clicking the lock screen icon  in the device interface and enter the password in the pop-up interface (the default is 123456) to enter the main interface.



(2) Clicking the setting icon  in the main interface and entering the password in the pop-up interface (the default is 123456, which is consistent with the lock screen password) to enter the setting interface.



(3) Set device ID, device IP address, default gateway, subnet mask, server IP, port and other parameters in "Network Parameters". Click on "Save".

Network Parameters 15:43

Device ID 1

Network Model STATIC

Device IP Address 192.168.4.23

Gateway 192.168.4.1

Subnet mask 255.255.255.0

SAVE

(4) After the parameters are modified and saved, restart the device to take effect.

### Method two: by web page

Enter into the web page of IP network remote broadcast control panel, and then modify all the parameters according to the live environment. After finishing, click "save".

### Setting terminal list

In the "Basic Settings"- "Terminal Management" of the server, you can customize the name of each terminal and other information according to the actual situation. For specific operation, please refer to the service software operation guide.

SPON

Terminal

State

Basic | Talk | Monitor | PA | Conference | Volume | Priority | Subdivision | Ext. | Audio Processing

ID 2

Name Terminal 2

Password \*\*\*\*

PIN(use for APP)

Binding video

Bind NVR

Cancel Save

| ID | Name       | State | Group       | Protocol                | Audio | Video | Operation  |
|----|------------|-------|-------------|-------------------------|-------|-------|--|
| 12 | Terminal12 | -     | All   -   - | All   Unicast   Unicast | All   | All   | 09   09   09   09 Conference > PA > Talk > Monitor Edit Delete |
| 13 | Terminal13 | -     | All   -   - | All   Unicast   Unicast | All   | All   | 09   09   09   09 Conference > PA > Talk > Monitor Edit Delete |
| 14 | Terminal14 | -     | All   -   - | All   Unicast   Unicast | All   | All   | 09   09   09   09 Conference > PA > Talk > Monitor Edit Delete |
| 15 | Terminal15 | -     | All   -   - | All   Unicast   Unicast | All   | All   | 09   09   09   09 Conference > PA > Talk > Monitor Edit Delete |

Current display 1-30 items, Total 100 items < 1 2 3 4 > 30 / page Go to Page

ICPAS-V4.0.7-20230113-RELEASE(STD)

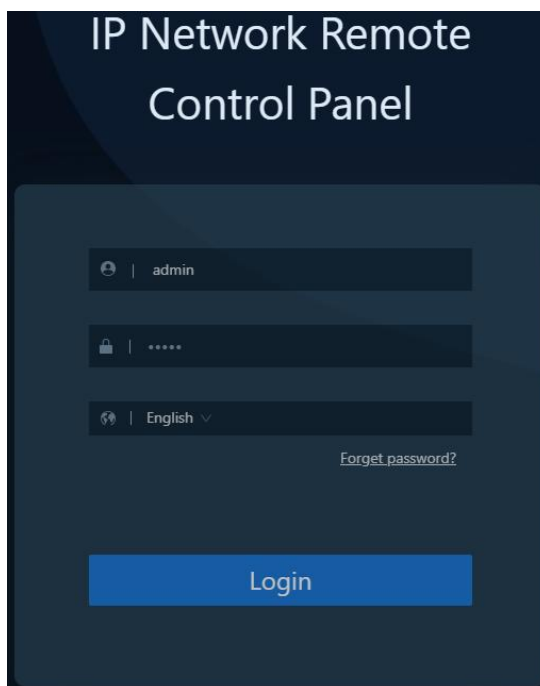
## 4.2 User-Defined Terminal Parameter Settings

### Login Webpage

(1) Enter http://IP address of the network remote broadcast control panel:8081 (the factory default IP is 192.168. 1.101) in the address bar of the web browser and then press Enter.

(2)Enter the username and password to log in.

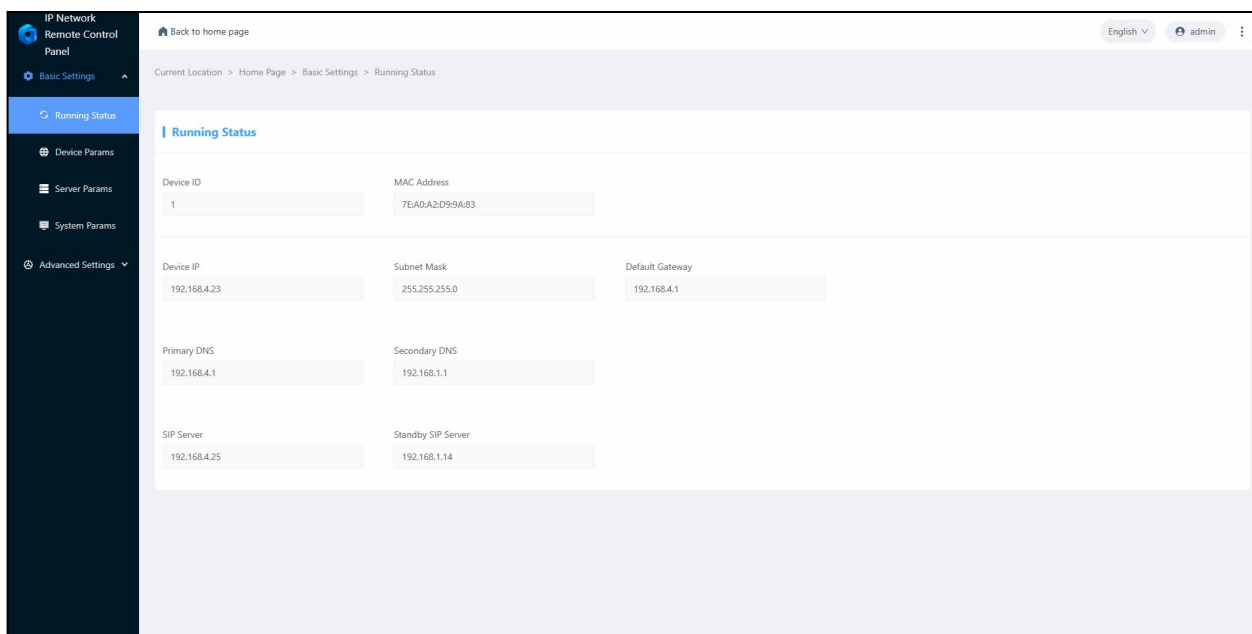
**Note: Default username and password are both admin.**



(3) After logging in, you can enter the web page of IP network remote broadcast control panel (**Note: The screenshots in this document are for reference only. Please refer to the actual interface for details**)

### Running Status

When login to the web page, click “Running Status”, it will show the information of: device ID, device IP, MAC address,default gateway, server IP, and other information.



## Device Params

Set the network parameters of the device. Please modify each parameter in the network parameters according to the environment where the terminal is located, and click [Save] when finished.

The screenshot displays the 'Device Params' configuration page within the 'IP Network Remote Control Panel'. The interface features a dark sidebar on the left with navigation links: 'Basic Settings', 'Running Status', 'Device Params' (highlighted), 'Server Params', 'System Params', and 'Advanced Settings'. The main content area has a breadcrumb trail: 'Back to home page > Current Location > Home Page > Basic Settings > Device Params'. A 'Save' button is located in the top right corner. The 'Device Params' section includes a dropdown for 'IP Set Mode' set to 'Static'. Below this, there are input fields for 'Device IP' (192.168.4.23), 'Subnet Mask' (255.255.255.0), and 'Default Gateway' (192.168.4.1). Further down, there are fields for 'Primary DNS' (192.168.4.1), 'Secondary DNS' (192.168.1.1), and 'Host Name' (Terminal).

The relevant settings of the device parameters are as follows:

|                            |  |
|----------------------------|--|
| IP Set mode                | Supports static or dynamic IP address assignment.<br>Static IP: Default static IP ,user-defined IP address and other information<br>Dynamic IP: Assign IP address via DHCP |
| Device IP                  | The IP address of the device, the factory default IP is 192.168.1.101, which cannot be repeated with other terminals.  |
| Subnet Mask                | Mask of the subnet where the terminal is located   |
| Default Gateway            | Gateway of the network where the terminal is located   |
| Primary DNS, Secondary DNS | The IP of the domain name resolver of the network where the terminal is located  |
| Host Name                  | User can edit DHCP name and upload it to DHCP server.  |

## Server Params

Set the server-related parameters for terminal login, click [Save] after the modification is completed, and the parameter modification takes effect after rebooting the device.

The screenshot shows the 'Server Params' configuration page in the IP Network Remote Control Panel. The left sidebar contains navigation options: Basic Settings, Running Status, Device Params, Server Params (selected), System Params, and Advanced Settings. The main content area displays the following fields:

- Device ID: 1
- Device Password: \*\*\*\*
- SIP Server: 192.168.4.25
- SIP Server Port: 5060
- Device SIP Port: 5060
- Standby SIP Server: 192.168.1.14
- Standby SIP Server Port: 5060
- SIP Protocol Mode: UDP (dropdown menu)
- Server HTTP Username: admin
- Server HTTP Password: \*\*\*\*
- Server HTTP Port: 80

A green 'Save' button is located in the top right corner of the configuration area.

The relevant settings for the service parameters are as follows:

|   |   |
|---|---|
| Device ID   | The unique number that identifies the terminal. It can not be repeated with the terminal or other hosts. The factory default is 1.                                      |
| Device Password                                   | The password for the terminal to login to server is 1234 by default.  |
| SIP Server,<br>Sip Server Port                    | The preferred server address for IP video intercom paging console login..<br>Note: The default port is 5060, which should not be changed without special circumstances. |
| Device SIP port                                   | The default port is 5060, which should not be changed without special circumstances.  |
| Standby SIP<br>Server, Standby<br>SIP Server Port | The standby server address for IP network visualization console login.<br>Note: The default port is 5060, which should not be changed without special circumstances.    |
| SIP Protocol Mode                                 | Support TCP and UDP.  |
| Server HTTP<br>Username                           | Default is admin.   |
| Server HTTP<br>Password                           | It is correspond with HTTP username, be used to obtain the list of the 9000.  |
| Server HTTP Port                                  | Default is 80.  |

## System Params

Set the system parameters, click [Save] after the modification is finished, and the parameter modification will take effect after rebooting the device.

The screenshot shows the 'System Params' configuration page. On the left is a dark sidebar with a menu: 'IP Network Remote Control Panel', 'Basic Settings', 'Running Status', 'Device Params', 'Server Params', 'System Params' (highlighted), and 'Advanced Settings'. The main content area has a breadcrumb trail: 'Back to home page' > 'Current Location > Home Page > Basic Settings > System Params'. A 'Save' button is in the top right. The 'System Params' section contains five fields: 'Auto Lock Screen' (a dropdown menu showing 'Disable'), 'Unlock Password(Enter 6 Digits When Modify)' (a text input with six asterisks), 'Module Name' (a text input showing 'Broadcasting Control'), 'Volume Control Name' (a text input showing 'Volume'), and 'Free Play Name' (a text input showing 'AOD').

The relevant settings for the system parameters are as follows:

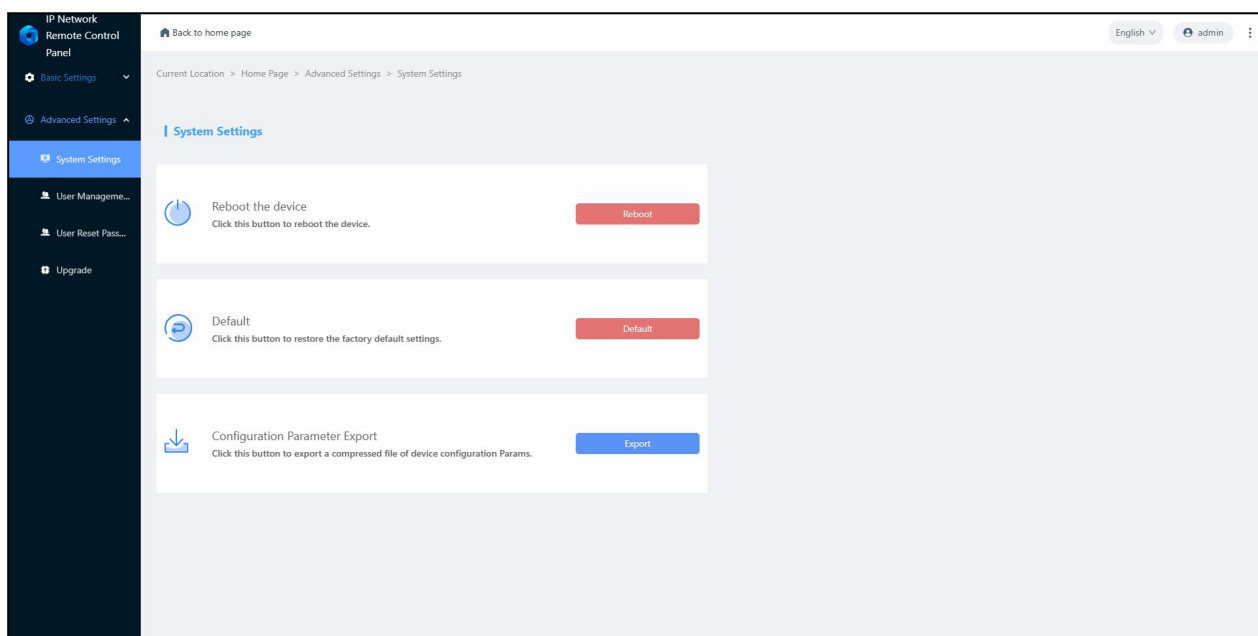
|   |   |
|---|---|
| Auto Lock Screen                            | Set whether to enable automatic screen locking function After being enabled, the terminal will automatically lock the screen within 1 ~ 2 minutes when the terminal has no operation.       |
| Unlock Password(Enter 6 Digits When Modify) | If the device has enabled the screen locking function, it is necessary to set the unlocking password. The password only supports a positive integer of 6 digits, and the default is 123456. |
| Module Name                                 | You can customize the name of the Broadcasting Control module of the panel interface.   |
| Volume Control Name                         | You can customize the name of the Volume module of the panel interface.   |
| Free Play Name                              | You can customize the name of the AOD module of the panel interface.  |

## System Settings

**Reboot:** Clicking this button will reboot the device.

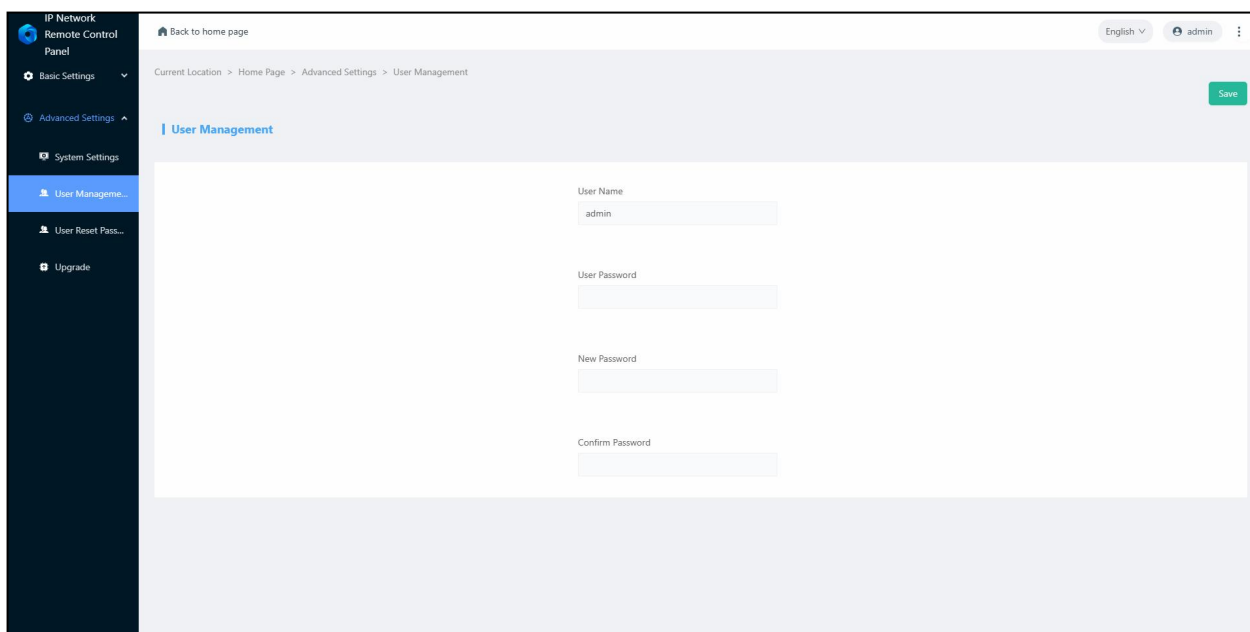
**Restore to factory:** Clicking this button will restore all parameters of the device to the factory settings (please use it with caution).

**Configuration Parameter Export:** Click this button to export the compressed file of device configuration parameters.



## User Management

You can change the password for logging into the WEB in this page. After save the password change, rebooting the web page to take effect.





## User Reset Password

The user reset password screen allows you to reset the login password if you forget the password. ( The reset password must contain at least 16 characters, including uppercase letters, lowercase letters, digits, and special characters.)

The screenshot shows the 'User Reset Password' page in the IP Network Remote Control Panel. The left sidebar contains a menu with options: Basic Settings, Advanced Settings, System Settings, User Management, User Reset Password (highlighted), and Upgrade. The main content area has a breadcrumb trail: 'Current Location > Home Page > Advanced Settings > User Reset Password'. Below the breadcrumb is a 'Save' button. The page title is 'User Reset Password'. The form contains four input fields: 'User Name' (with 'admin' entered), 'User Password', 'New Reset Password', and 'Confirm Reset Password'.

## Upgrade

On the upgrade firmware page, click "+Select File", select the firmware upgrade file provided by the manufacturer, and click "Start Upload" button to start the upgrade.

**Note: Please do not power off during the upgrade process, otherwise it may lead to upgrade failure and device malfunction. The upgrade process is about 120s, and the device and web page will restart automatically after the upgrade is completed. (Do not upgrade the firmware unless you have special needs)**

The screenshot shows the 'Upgrade' page in the IP Network Remote Control Panel. The left sidebar contains a menu with options: Basic Settings, Advanced Settings, System Settings, User Management, User Reset Password, and Upgrade (highlighted). The main content area has a breadcrumb trail: 'Current Location > Home Page > Advanced Settings > Upgrade'. Below the breadcrumb is an 'Upgrade' title. The page displays the 'Soft Version [Ctm\_En\_V1.0.1\_20230116]'. Under 'Choose Firmware', there is a '+Select file' button. Below that is a 'Start upload' button.

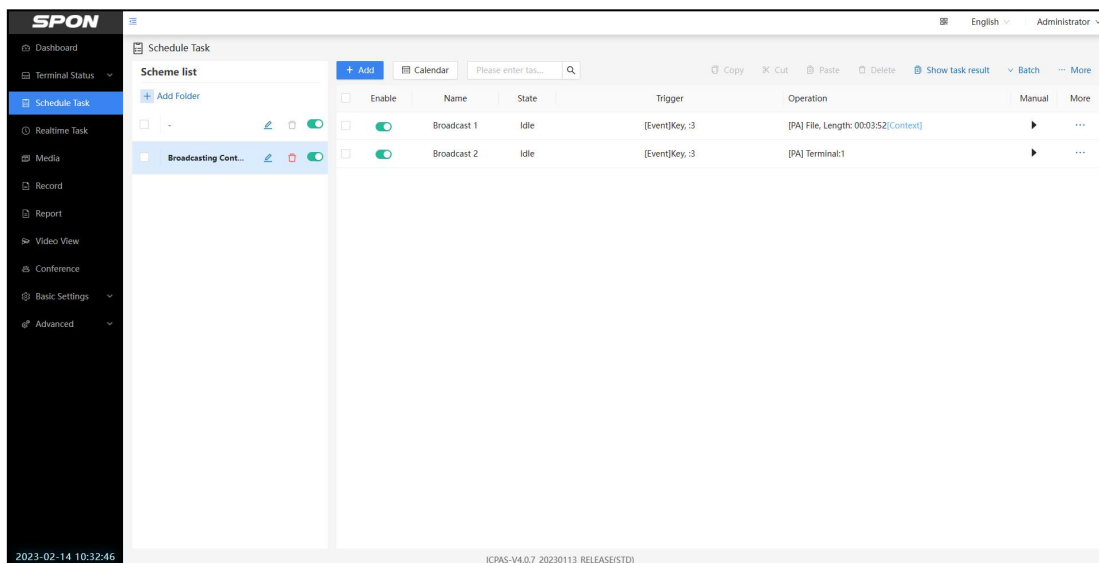
## 4.3 Basic Function

### Broadcasting Control

On the IP network remote broadcast control panel, you can run and stop the scheduled tasks under the "Broadcasting Control" scheme on the server with one key.

#### Server configuration:

- 1) Add the "Broadcasting Control" scheme under the "Schedule Task" module of the server and add scheduled tasks under this scheme.



- 2) Add trigger: select "event" for trigger, select "key" for event type, select terminal ID of IP network remote broadcast control panel for event terminal, and put a number (1 ~ 512) in key number.

Add trigger

Trigger

Event

Event type

Key

Event Terminal

Terminal1(1) x 1\_Zone1 x

Key No.

3

Cancel

Save

- 3) Add operation: select "PA" for operation, and "File" or "Terminal" for audio source.

Add operation

Operation

PA

Target(Select: 1)

Show Undefined

Display cross s...

Audio source

File

Volume Inching

0

Volume gradient

Disable

Control Alarm output

Disable

PA Priority(Min 0, Max 15)

0

Play mode

Sequential

Durations

unlimited

Play once

User defined

| + | File name                           | Length   | Operation |
|---|-------------------------------------|----------|-----------|
| 1 | //admin//Broadcast file//Audio1.mp3 | 00:00:00 | Delete    |

< 1 >

Total media time: 00:00:00

Cancel

Save

Add operation

Operation

PA

Target(Select: 1)

Show Undefined

Display cross s...

Audio source

Terminal

Enable the event source terminal id

Volume Inching

0

Volume gradient

Disable

Control Alarm output

Disable

Source id

1

Durations

unlimited

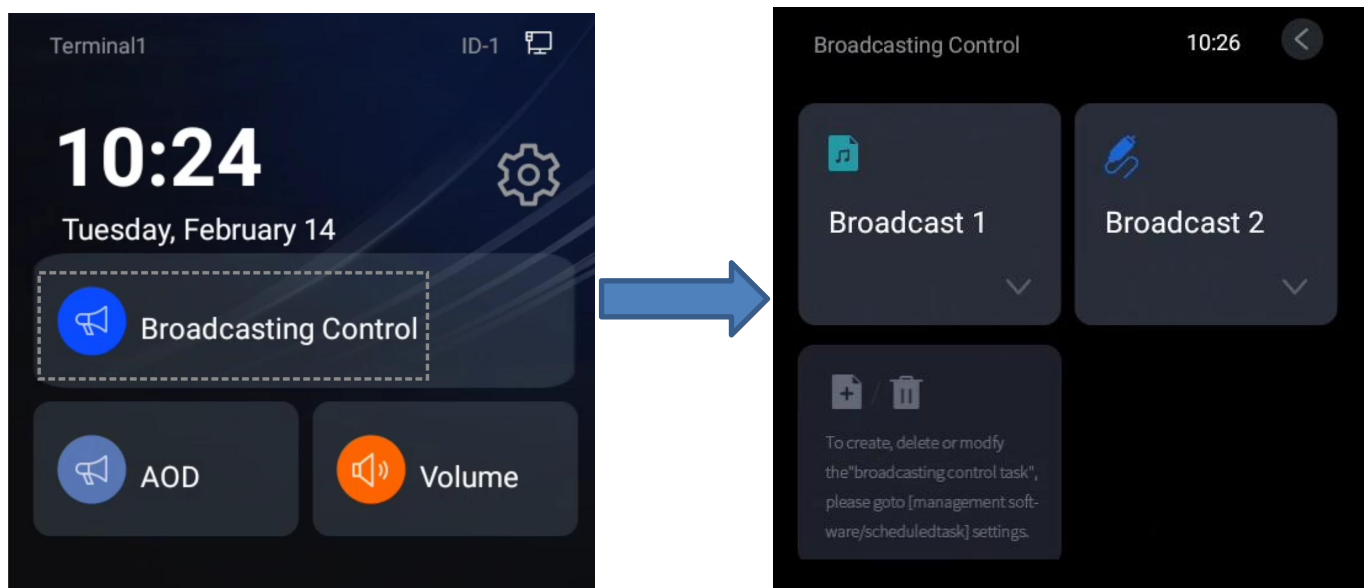
User defined

Cancel

Save



### Enter into Broadcasting control interface:

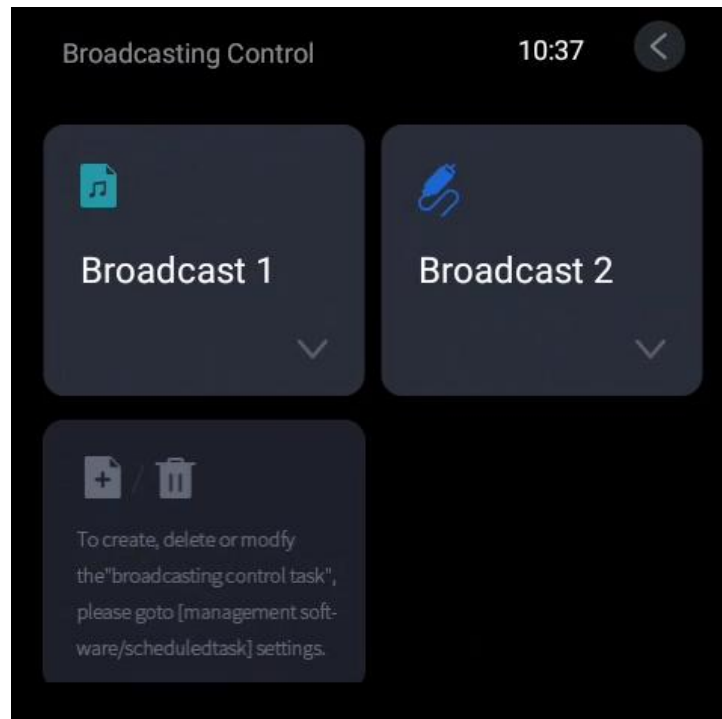
Click "Broadcasting Control" in the main interface of IP network remote broadcast control panel to enter into the broadcasting control interface.




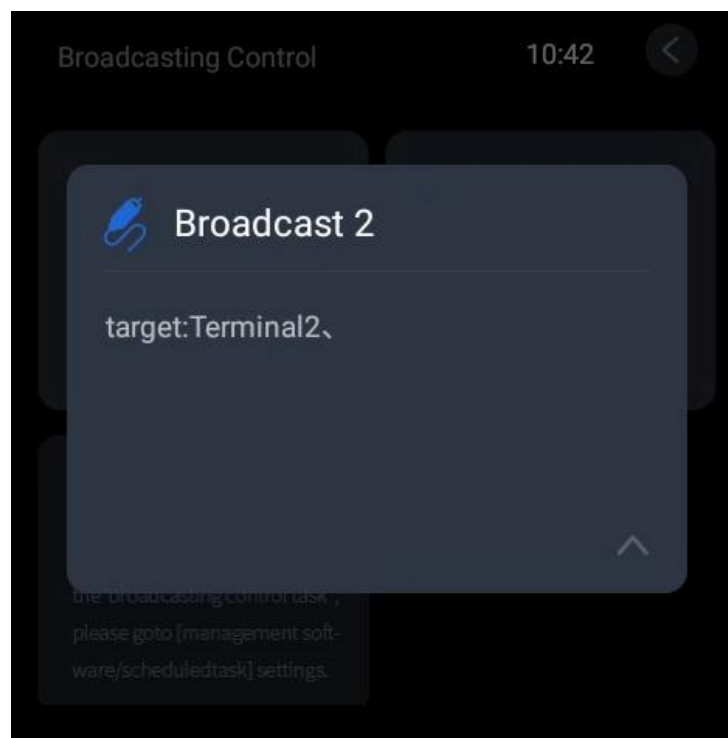
## Interface Description:

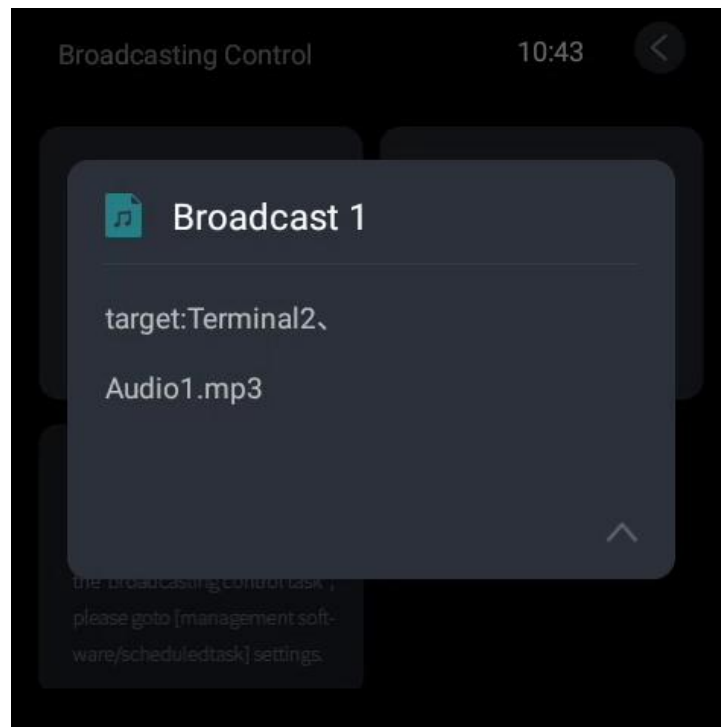
In the Broadcasting Control interface, the scheduled tasks added under the server "Broadcasting Control" scheme will be displayed(**Note: A maximum of 16 tasks will be displayed**)

 means the scheduled task's "Audio source" is "Terminal",  means the scheduled task's "Audio source" is "File".



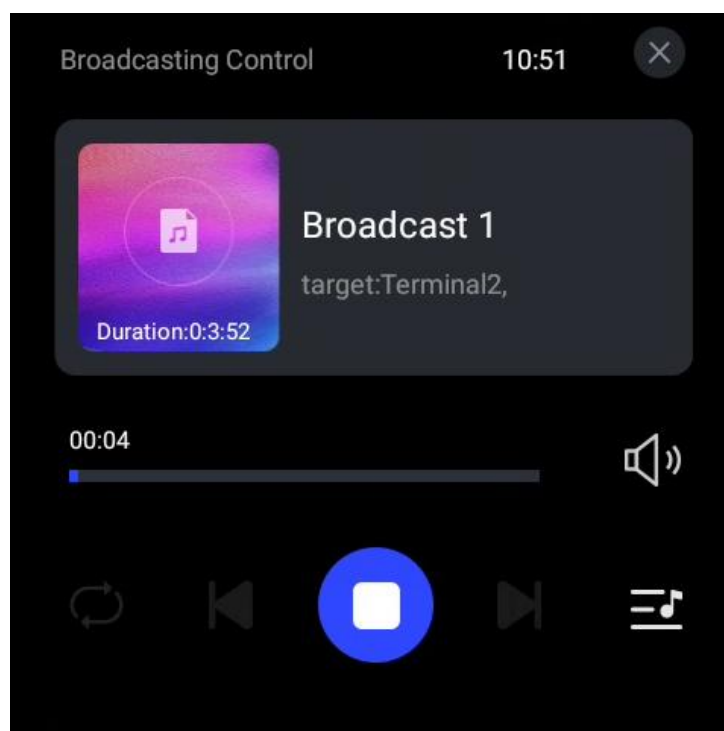
Click the triangle icon  on the scheduled task to view the target terminal of each scheduled task, when the "Audio source" is "File", we can also view the broadcast audio files used.






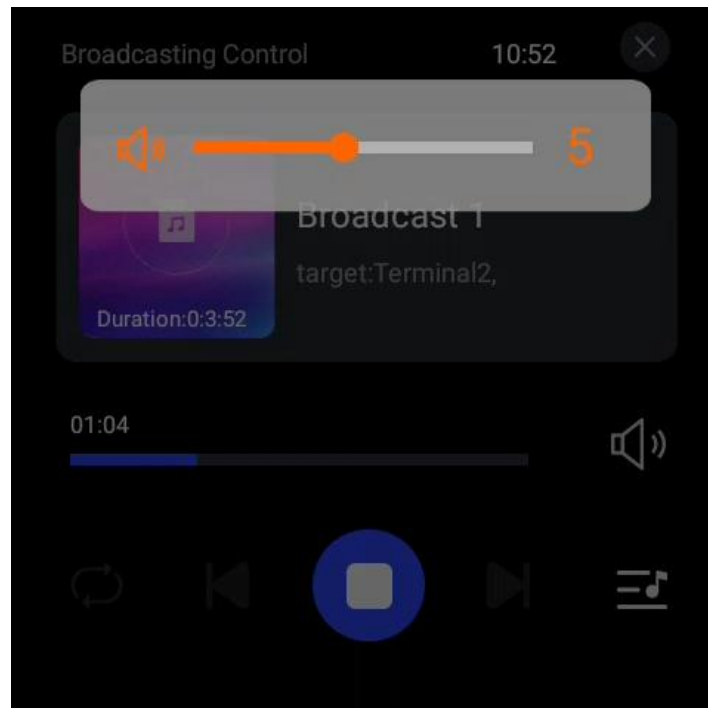
**Run scheduled task:**

Click on the scheduled task on the broadcasting control interface to run the scheduled task.





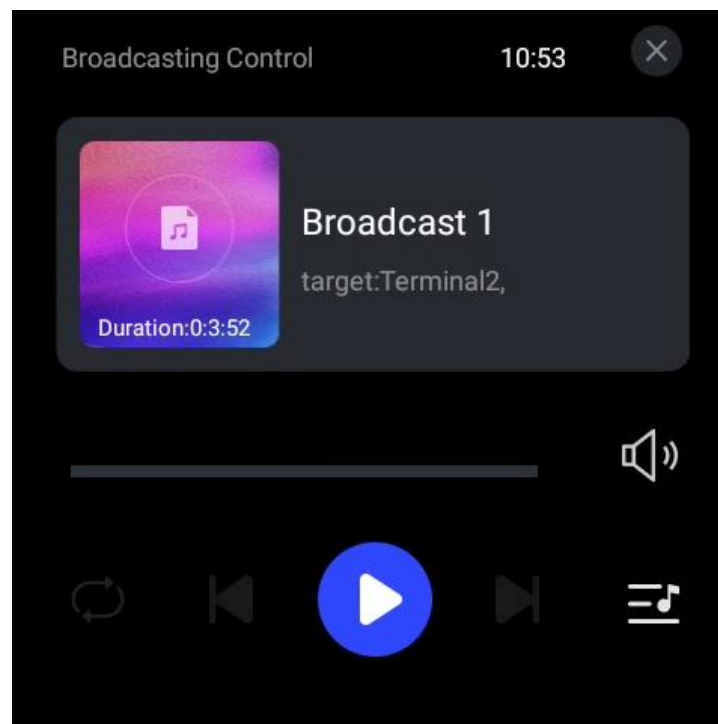
### Volume fine tuning

Click the  button on the running interface to fine-tune the volume. **Note: Volume fine tuning is only valid once.**



### Stop the scheduled task:

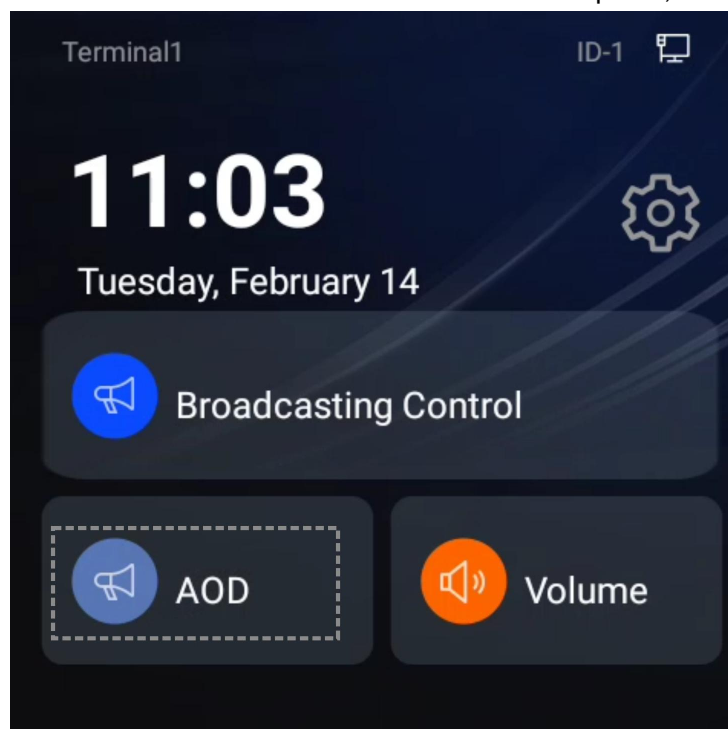
Click the  button on the running interface to stop running the scheduled task. Then click the  button on the upper right corner to exit the scheduled task running interface.



## AOD

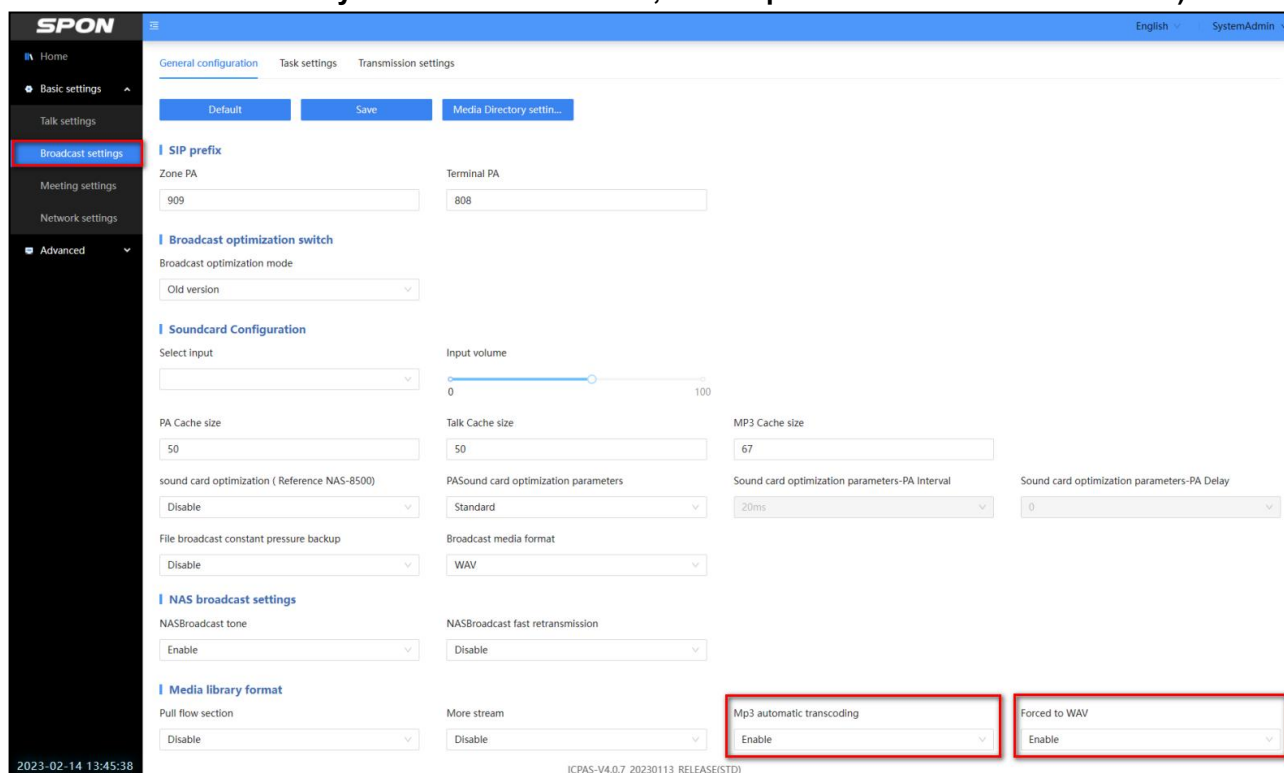
In AOD module, it can send real-time file broadcast to online devices of the server.

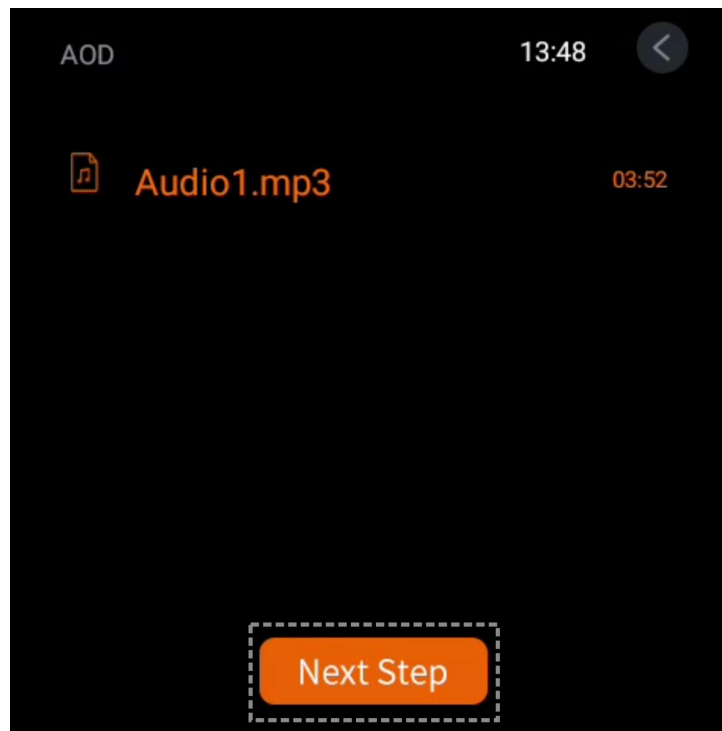
(1) On the main interface of the IP network remoter broadcast control panel, click on “AOD”.



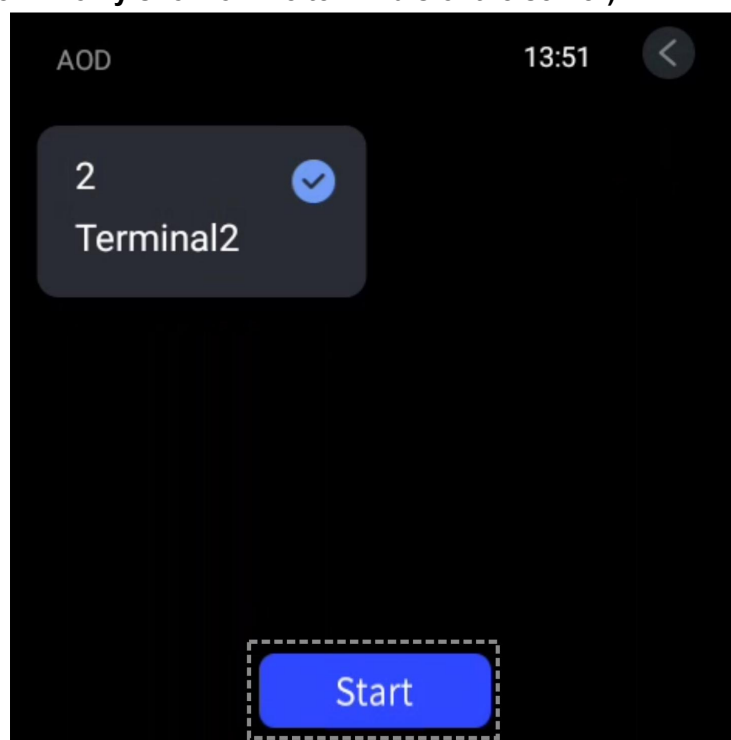
(2) Select the audio file to broadcast, then click on next


**(Note: 1. You need to enable “Mp3 automatic transcoding” and “Forced to WAV” function under the “Broadcast settings” of the server; 2. Audio files need to be uploaded in advance under “Media”-“Private Directory”-“admin” of the server; 3. Multiple audio files can be selected.)**








- (3) Select terminal, and then click on "Start " to start broadcasting  
**(Note: The interface will only show online terminals of the server)**

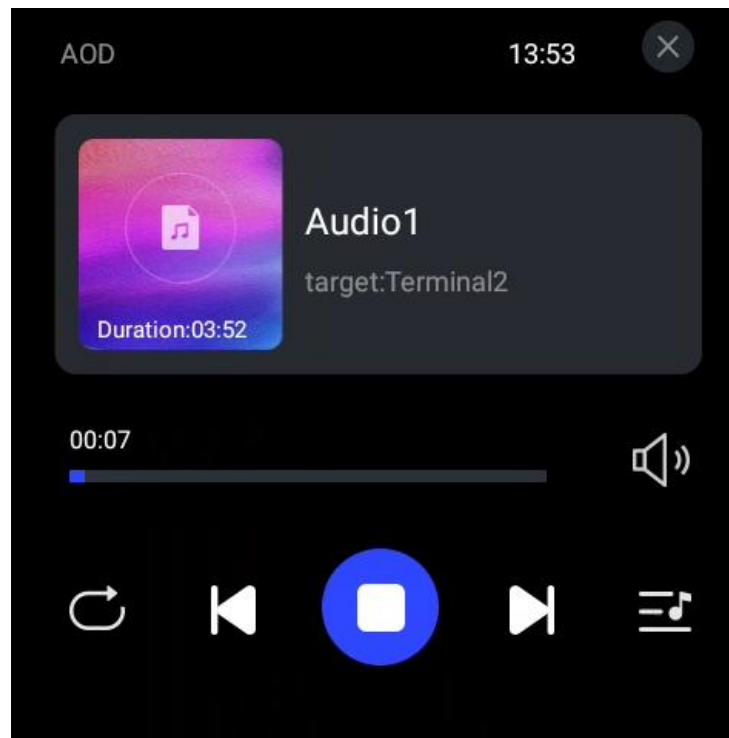


Click the  button on the running interface to add or change audio broadcast files; it supports sequential play, single loop, list loop audio files play mode.

Click the  button on the running interface to fine-tune the volume.

Click the  button on the running interface to stop playing the broadcast, then click the  button in the upper right corner to exit the broadcast running interface.

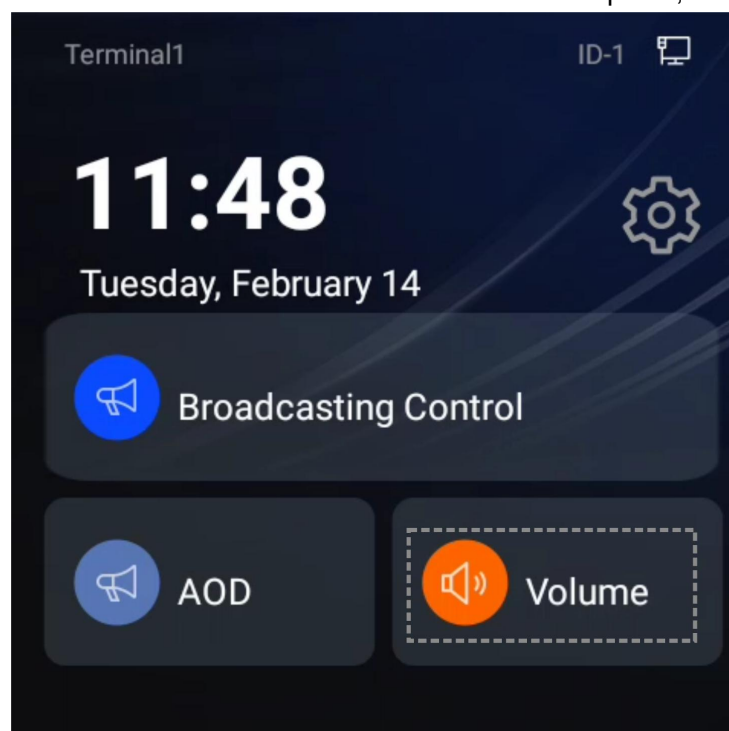





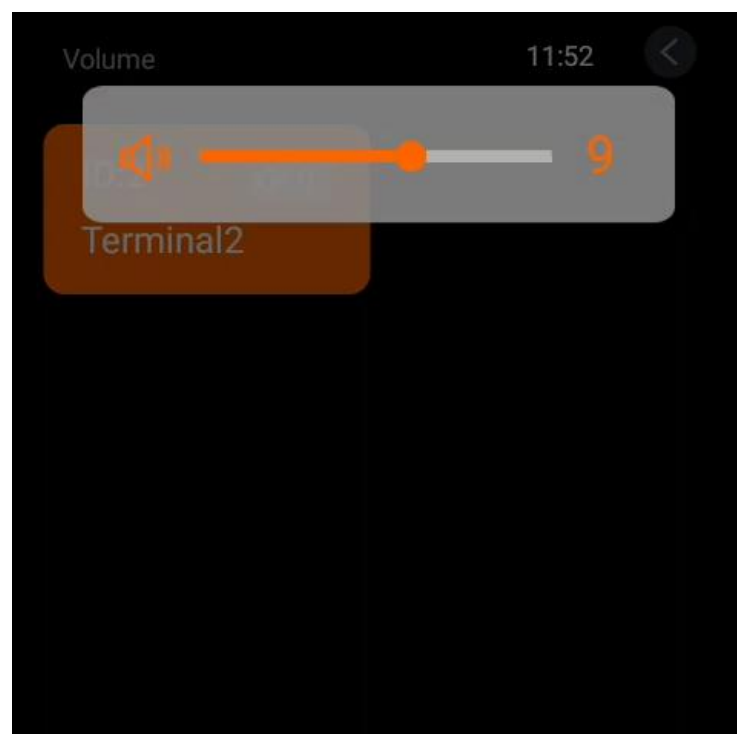
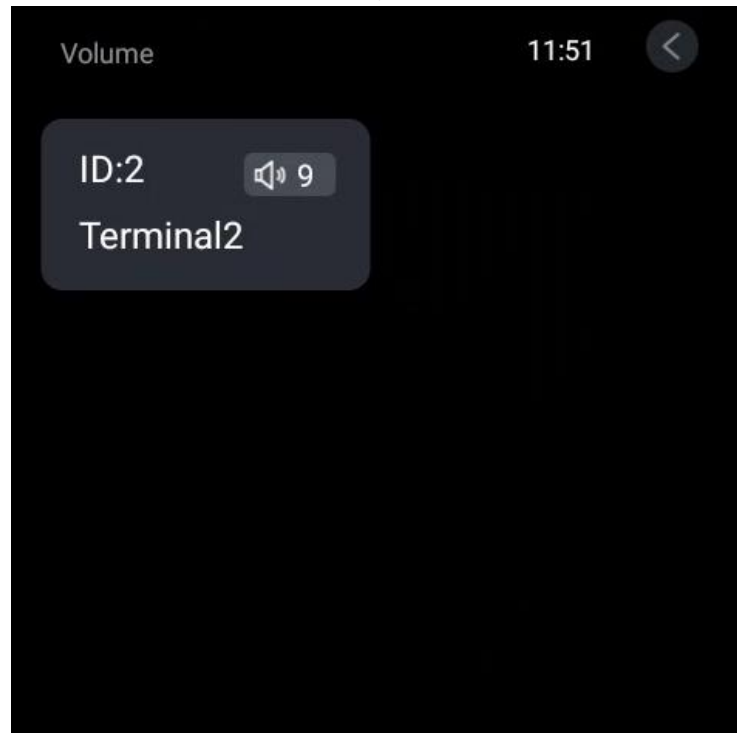
## Volume

In the volume module, you can adjust the volume of online devices of the server.

(1) On the main interface of the IP network remote broadcast control panel, click on "Volume".



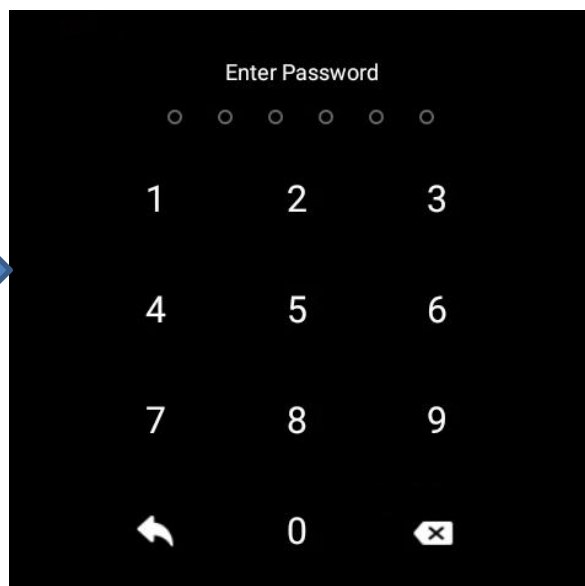
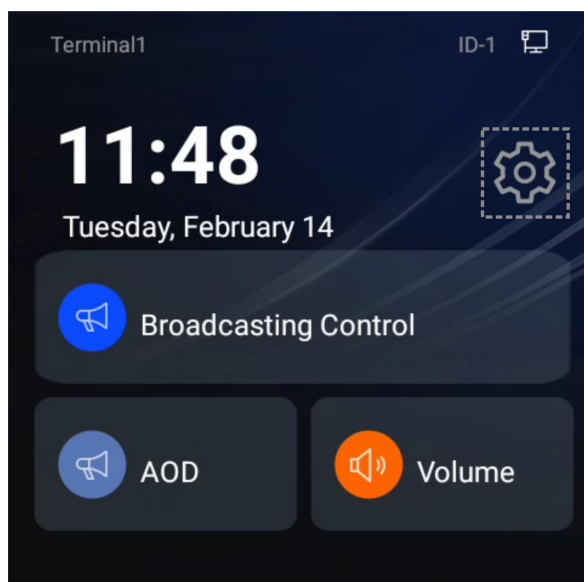
(2) Click the  button next to the device to adjust the volume.



## Setting

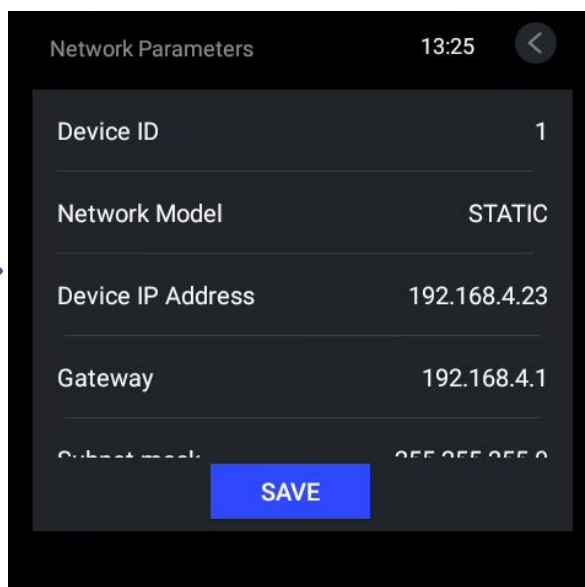
In setting module, you can set the network parameters of the device and view the uploaded audio files under the server "Media"->"Private Directory"->"admin"

To enter the setting module, you need to enter a password. The default password is 123456.



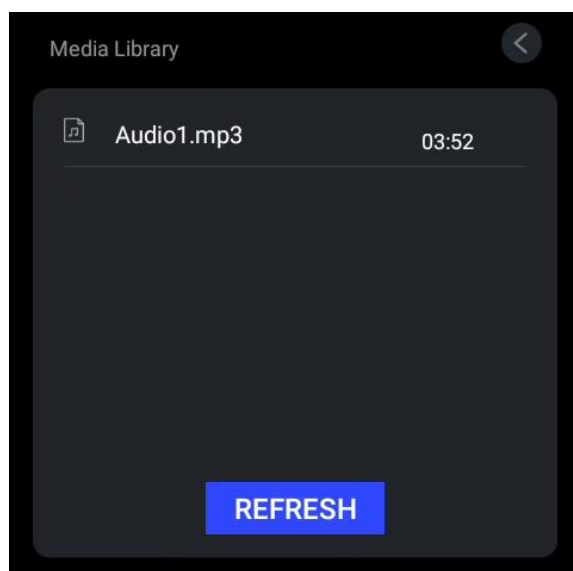
### Network Parameters

In the network parameters, you can view and modify the Device ID, IP address, gateway, subnet mask, server IP and other network information of the device.



### Media Library

In the media library, you can view the uploaded audio files under the server's "Media"->"Private Directory"->"admin".



## Copyright statement

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