



MASTER CONTROL UNIT (WIRED/WIRELESS)

User Manual

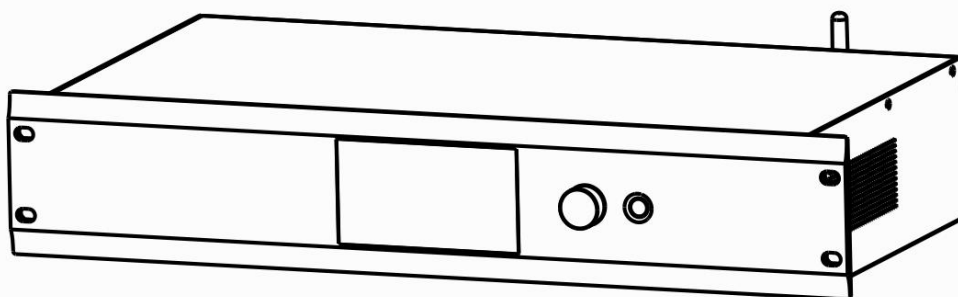


Table of Contents:

- 1. Important Safety Precaution
- 2. Product Overview
 - 2.1 Basic Introduction
 - 2.2 Hardware Interface Description
- 3. Quick Operation Guide
 - 3.1 Network Settings
 - 3.2 User-Defined Terminal Parameter Settings
 - 3.3 Basic Function
 - 3.4 Troubleshooting

1. Important Safety Precaution

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**

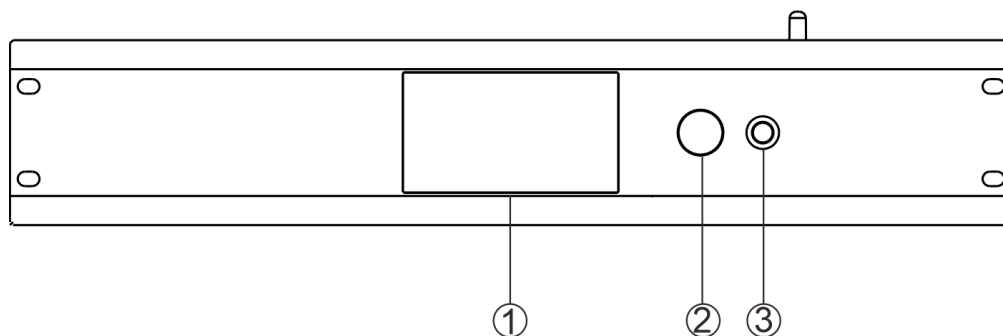
2.1 Basic Introduction

- Support ring network digital transmission and hand in hand cascade, support up to 2 independent ring network to meet different networking needs.
- 48KHz digital audio sampling lossless transmission, <10ms transmission delay, audio quality is not affected by the length of the network cable.
- The input volume, AGC, EQ and other audio parameters of each speaking unit can be adjusted separately, or uniformly.
- Support PC, mobile phone, tablet and other devices wireless access device hotspot, real-time adjustment of the parameters through the web page and UI interface.
- Support U disk real-time recording function, support 64G FAT32 format U disk for the maximum.
- Conference unit supports hot plug and play, plug and play without setting.
- Support loop monitor the front-end devices; The ring network supports power-on self-test, automatic diagnosis, and fault cause prompt.

2.2 Hardware Interface Description

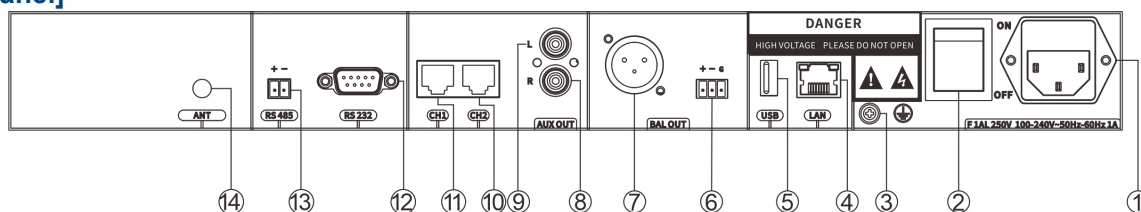
Interface Description

Central Unit: [Front panel]



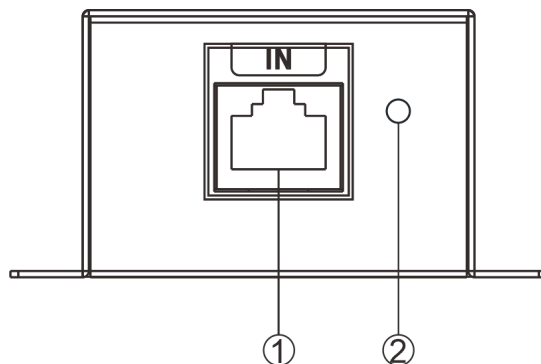
- ① LCD screen: Display central unit status information.
- ② Shuttle type button: Set the Master Control Unit(Wired/Wireless) status information.
- ③ Return button

[Back panel]



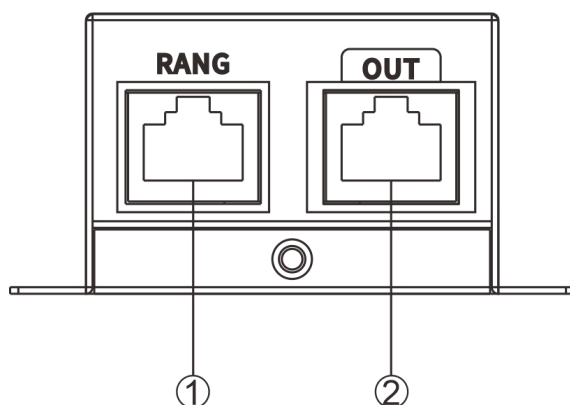
- ① Power outlet: connect to 220V/50HZ mains
- ② Power switch
- ③ Ground hole: safe ground point
- ④ RJ45 network interface
- ⑤ USB interface: connect to a computer for device upgrades, or connect to external storage.
- ⑥ Wired microphone audio output channel
- ⑦ Wired microphone audio output channel
- ⑧ Bluetooth audio right channel output
- ⑨ Wireless microphone audio/Bluetooth audio left channel output
- ⑩ Looped network 2
- ⑪ Looped network 1
- ⑫ RS232 interface
- ⑬ RS485 interface
- ⑭ 2.4G antenna interface

Splitter:
[Front view]



- ① IN: Connect to the Master Control Unit (Wired/Wireless).
- ② Status light: Light up when there is an electric pass ; when there is no electric pass, or the splitter is failure, the light will go off.

[Back view]



- ① RANG:Connect to the black port of microphone unit.
- ② OUT:Connect to the white port of microphone unit.

3. Quick Operation Guide

Here is what you can find in this section:

- **3.1 Network Settings**
- **3.2 User-Defined Terminal Parameter Settings**
- **3.3 Basic Function**
- **3.4 Troubleshooting**

3.1 Network Settings

After the Master Control Unit (Wired/Wireless) is properly wired, and the power is switched on, the network parameters of the terminal need to be changed according to the live environment. There are two methods:

3.1.1 Using intercom built-in WEB page

Use a web browser and navigate to the Web page of the Master Control Unit (Wired/Wireless). The default IP address is `http://192.168.1.101`. configuring the network parameters of the terminal according to the live environment Click "save" after modified.

For specific operations, please refer to the user-defined terminal parameters.

3.1.2 Using the IP Device Configuration Tool

- (1) Run "IP DevConfig Tool", after the tool is started, the interface will display the IP terminal that has been scanned, or you can click the "Quick scan" button to scan the terminal again.
- (2) Configure the terminal's IP network information.

Method 1: Check the designated terminal and click "Terminal Configuration"- "Parameter Configuration" to configure IP network information for the terminal.

Method 2: If the scanning tool does not scan the terminal, you can click "Advanced" to perform mandatory IP configuration. This method will force all terminals in the network to be configured to the same IP address and other information, so when using this method, please ensure that only one target terminal is connected in connected to the network.

For specific operation steps, please refer to the User Manual of "IP Device Configuration Tool".

Remark:

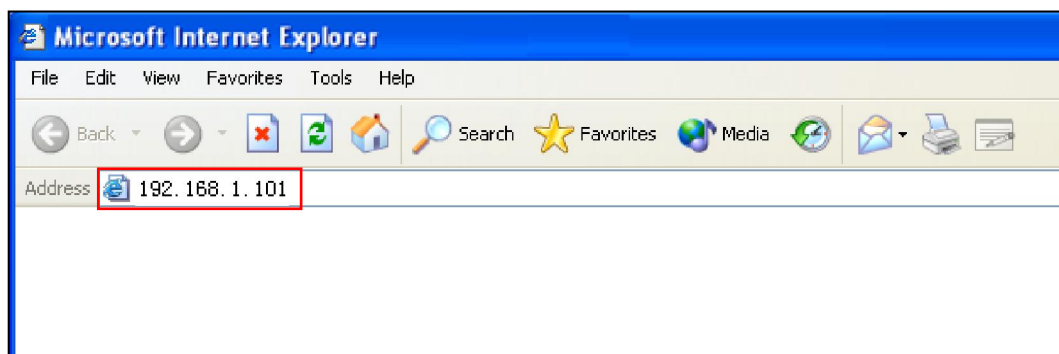
1. If you use Windows 7 system to operate, please use the administrator mode to run the IP DevConfig Tool, and turn off the firewall and related software;
2. If the terminal is not scanned, the mandatory configuration method can be used. At this time, the IP DevConfig Tool can only configure the network parameters of one terminal at a time. When using this method to configure terminal network parameters, please make sure that one computer corresponds to only one target terminal.
3. If you need an IP DevConfig Tool, please contact our company's after-sales service.

3.2 User-Defined Terminal Parameter Settings

Login Webpage

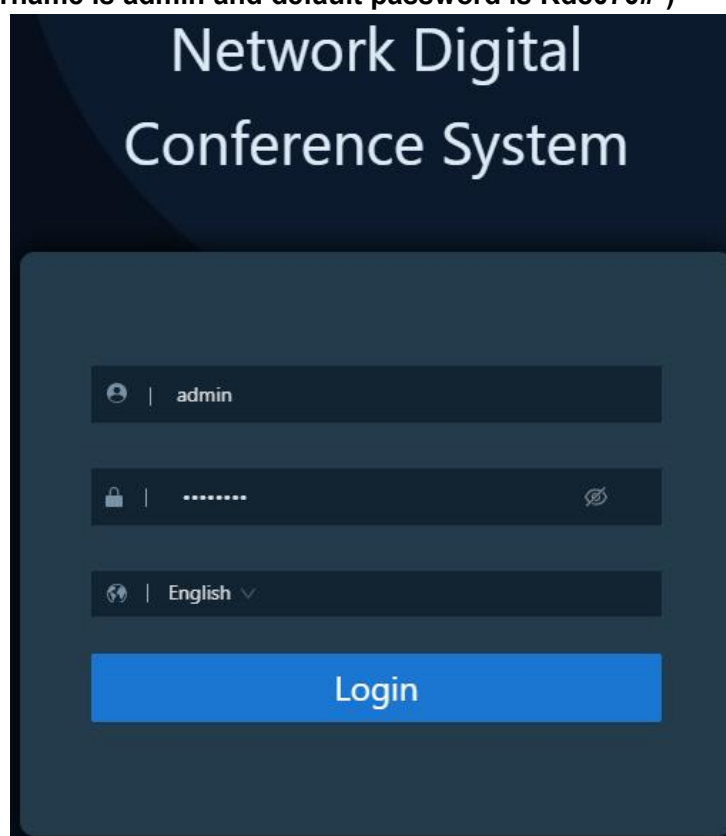
(1) Please input the IP address of the Master Control Unit (Wired/Wireless) into the address column of the browser (the factory default IP address is 192.168.1.101), then enter.

(Note: It is advised to use win10 system.)



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

(Note: Default username is admin and default password is Rdc070#*)



(3) Press login to enter the Master Control Unit (Wired/Wireless) web page.

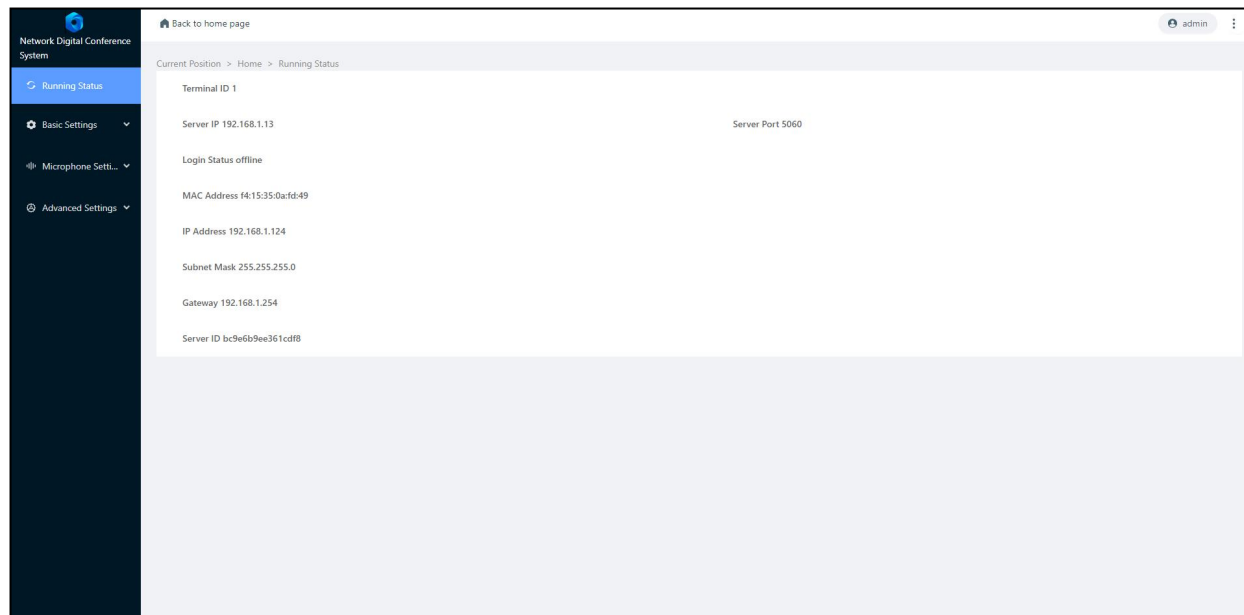
(Note: If the relevant parameter modification in the web page does not take effect after saving, please clear the cache and set them again.)

Running Status

After login to the web page, click on “Running Status”, it will show the information of: Terminal IP address, subnet mask, gateway, and server ID.

Note: The server ID is used to bind Master Control Unit (Wired/Wireless) on the Conference Control Management Software.

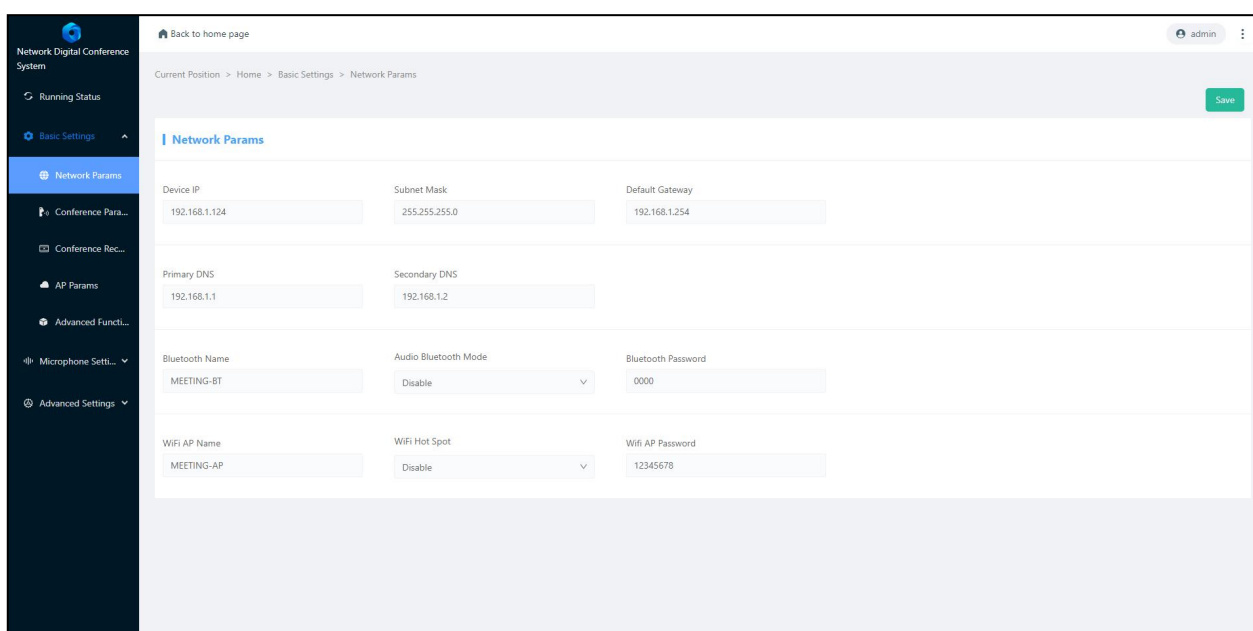
Terminal ID, Server IP address, server port, login status are reserved.



Basic Settings

Network Params

Please set the network parameters of the terminal according to the environment. Click [save] after setting, the parameters will take effect after reboot.



The relevant settings of network parameters are as follows:

Device IP	The IP address of the device, the factory default IP is 192.168.1.101, which cannot be duplicated with other terminals.
Subnet Mask	The subnet mask of the LAN network.

Default Gateway	The gateway of the network.
Primary DNS	The IP address of the preferred DNS server (domain name resolver) for the network.
Secondary DNS	The IP address of the alternate DNS server (domain name resolver) for the network.
Bluetooth Name	Set terminal's Bluetooth name.
Audio Bluetooth Mode	Set whether to enable Bluetooth function.
Bluetooth Password	Set terminal's Bluetooth password. The default Bluetooth password is "0000".
Wifi Ap Name	Set terminal's Wifi name
Wifi Hot Spot	Set whether to enable Wifi hot spot function.
Wifi AP password	Set terminal's Wifi password, the default Wifi password is "12345678".

Conference Params

Set terminal conference parameters, click on [save] after setting, the parameters take effect in time.

The relevant settings are as follows:

Conference Mode Maximum speakers	Conference Mode: "Override Mode", "Apply Mode", "Chairman Mode", "Limited-Speaker Mode", "Time-limited mode" are optional. Maximum Speakers: Set the maximum number of speakers for a Conference. (Note: When all speakers are "chairman", the "Maximum speakers" limit is invalid in other conference modes except "Chairman Mode". In "Override Mode" and "Limited-Speaker mode", when the number of speakers reaches to 10, the "First In First Out" will be implemented; in "Apply mode" and "Time-Limited mode", when the number of speakers reaches to 9, the "First In First Out" will be implemented.) Override Mode: When the number of speakers has reached to the maximum number of speakers, there are unit seats who want to join the conference, then it needs unit seats to exit the conference. In
-------------------------------------	--

	fifo conference mode, the first unit seat allowed to speak will be kicked out. (Note: The "Maximum Speakers" in this mode includes the chairman unit. The chairman unit is not subject to the "Maximum Speakers") Apply Mode: in this mode, if a "represent" wants to join the conference, it needs the approval of the "chairman". Only one "represent" can speak at a time, other "represent"s who apply for speak will in queue When the number of speakers has reached to the maximum number of speakers, it needs speakers to press the speaker button to exit the conference, and the next unit seat can speak. (Note: The "Maximum Speakers" in this mode is ineffective. When speakers of chairman reach to 9, "Override Mode" will be followed among chairman.) Chairman Mode: in this mode, only chairman units can speak. (Note: The "Maximum Speakers" is effective to chairman unit . Delegate unit has no authority to speak in this mode) Limited-Speaker Mode: When the number of speakers has reached to the maximum number of speakers, there is a "chairman" who wants to speak, the "represent" who allows to speak first will be kicked out of speak first. If the current speakers are all "chairman", the "Maximum Speakers" is ineffective. (Note: The "Maximum Speakers" in this mode includes the chairman unit.) Time-limited mode: when select "Time-limited mode", you need to set "Maximum speaker time", when a "represent" start to speak , it start the timer, and other "represent" can't speak. For "chairman", they can press speak button to speak at any time. (Note: The "Maximum Speakers" in this mode is ineffective. When speakers of chairman reaches to 9, "Override mode" will be followed among chairman.)
Local sign-in vote	Set whether to enable local sign-in and vote function.
Device Codec	Click on "Start(codecng)" button, you can number microphone manually, after it finished, click on "Stop(codecng)" button.
Device Self-testing	Reserved.

Conference Recording

Set terminal conference recording parameters, click on [save] after setting, the parameters take effect in time.

The screenshot displays the 'Conference Recording' configuration page within the 'Network Digital Conference System'. The interface features a dark sidebar on the left with navigation links: Running Status, Basic Settings, Network Params, Conference Params, AP Params, Advanced Functionality, Microphone Settings, and Advanced Settings. The main content area has a breadcrumb trail: 'Current Position > Home > Basic Settings > Conference Recording'. At the top right of the main area is a 'Save' button. The settings are organized into three columns: 'Conference Recording' with a dropdown set to 'Disable', 'Ecode Format' with a dropdown set to 'AAC', and 'AAC Code Rate' with a dropdown set to '128Kbps'. Below these settings is a section titled 'Device Record' containing four buttons: 'Start Recording' (green), 'Pause' (blue), 'Resume' (yellow), and 'Stop Recording' (red).

The relevant settings are as follows:

Conference Recording	Set whether to enable conference audio record function.
Ecode Format	Set the audio encoding format of conference audio recording, AAC and PCM are optional.
AAC Code Rate	Set AAC code rate, 64Kbps ~ 192Kbps are optional.
Device Record	Click on “Start Recording” button to start recording; Click on “Pause” button to pause recording; click on “Resume” button to resume recording; click on “Stop Recording” button to stop recording.

AP Params

You can modify the wifi parameters of the wireless microphone. After the microphone is online, click on [Save] to deliver paramters, and the microphone will restart to take effect.

Note: After modifying the wireless parameters of the wireless microphone, the wireless access point should be modified to the corresponding parameters simultaneously, otherwise, the wireless microphone cannot connect to the corresponding WIFI and cannot be connected to the master control unit.

The screenshot shows the 'AP Params' configuration page in the 'Network Digital Conference System'. The left sidebar contains navigation options: Running Status, Basic Settings, Network Params, Conference Para..., Conference Rec..., AP Params (selected), Advanced Funct..., Microphone Setti..., and Advanced Settings. The main content area has a breadcrumb trail: 'Current Position > Home > Basic Settings > Audio Params'. The 'AP Params' section includes input fields for 'AP Name' (meeting_ap) and 'AP Password' (spon888888). The 'Host Parameters' section has a 'Host Name' field (meeting_156). The 'MIC Control' section features two buttons: 'Reboot mic' (green) and 'Shutdown mic' (red). A 'Save' button is located in the top right corner.

The relevant settings are as follows:

AP name	Modify the wifi name of the WIFI that wireless microphone connected.
AP password	Modify the wifi password of the WIFI that wireless microphone connected.
Host name	Set the name of the Master Control Unit(Wired/Wireless) .
MIC control	Click on “Reboot Mic” button to reboot microphones connected to the Master Control Unit(Wired/Wireless) . Click on “Shutdown Mic” button to make microphones connected to the Master Control Unit(Wired/Wireless) shutdown.

Advanced Function

Set terminal advanced function parameters, click on [save] after setting, the parameters will take effect after reboot.

The screenshot shows the 'Advanced Function' settings page in the Network Digital Conference System. The left sidebar contains navigation options: Running Status, Basic Settings (selected), Network Params, Conference Para..., Conference Rec..., AP Params, Advanced Funct..., Microphone Setti..., and Advanced Settings. The main content area has a breadcrumb trail: 'Current Position > Home > Basic Settings > Advanced Function'. At the top right of the main area is a 'Save' button. The settings are organized into two columns: 'Mixing Loudspeaker' with an 'Enable' dropdown, and 'ASR' with a 'Disable' dropdown. Below these is a 'Mixing Algorithm' dropdown set to 'Normal'.

The relevant settings are as follows:

Mixing Loudspeaker	Set whether to enable the speaker function of microphones. After enabling it, the 3.5mm headphone port and the speaker of the wired microphone can output the sound of the microphone in the ring network Note: This feature is only effect in certain models, and the speaker can output sound only when the microphone is not speaking.
ASR	Set whether to enable voice transcription function. When it is enabled, you can use voice transcription function with voice transcription server.
Mixing Algorithm	Normal and Equalizing Gain are optional.

Microphone Settings

Terminal Status

Terminal status interface displays the input volume, status, attribute of units that connected to the Master Control Unit (Wired/Wireless), and support to add, modify, delete unit seat.

After units connected, click "Generate all seats" to add unit seat.

List View:

The screenshot shows the 'Terminal Status' page in the 'Network Digital Conference System' interface. The left sidebar contains navigation options: Running Status, Basic Settings, Microphone Settings (selected), PTZ Settings, Central Control, Terminal Params, Upload Pictures, Microphone Up..., and Advanced Settings. The main content area has a breadcrumb trail: Home > Microphone Settings > Terminal Status. Below the breadcrumb, there are tabs for 'List View' (selected) and 'Network View'. To the right of the tabs are buttons: 'Modify global volume', 'Batch modify volume', 'Generate all seatings' (highlighted in green), and 'Delete all seatings'. A status bar shows 'Online(2)', 'Offline(0)', and 'Speak (0)'. A table displays the following data:

Microphone number	Seating	Zone Name	Input Volume	Status	Attribute	S/N	Model	Ring number	Wireless	More Actions
1	1	NO.1	0dB	Online	Delegate	350B293C	DH-QSHT-960D	1	No	[Speaker icon] [Pencil icon] [Trash icon]
2	2	NO.2	0dB	Online	Delegate	350B293D	LCM-6012DV	1	No	[Speaker icon] [Pencil icon] [Trash icon]

At the bottom of the table, there are pagination controls: '< 1 >'.

Network View:

The screenshot shows the 'Terminal Status' page in the 'Network Digital Conference System' interface, specifically the 'Network View' tab. The left sidebar is identical to the List View. The main content area has the same breadcrumb trail and buttons as the List View. The status bar shows 'Online(2)', 'Offline(0)', and 'Speak (0)'. The interface displays two unit cards:

- Card 1: '1 Delegate NO.1' with a microphone icon and a speaker icon.
- Card 2: '2 Delegate NO.2' with a microphone icon and a speaker icon.

At the bottom, there are pagination controls: '< 1 >'.

Click on  button can control microphone speak.

Click the "Modify"  button to modify the information of the unit seat.

Zone Name: You can customize the name of the unit seat.

Role: "Host", "Chairman", "Represent" are optional. (Note: only "Represent" is optional for delegate units. "Host", "Chairman" and "Represent" are optional for chairman units.)

Input parameters: Set the unit seat input volume.

AGC parameters: The AGC parameters can be customized, no need to modified if there is no special situations.

Input EQ parameter: it can adjust the sound effect of the unit.

Note: EQ value must be adjusted by personnel with relevant professional knowledge, non-professional personnel please do not adjust it at will, otherwise it will lead to a poor sound quality.

Modify

Microphone number: 1

Seating: 1

Zone Name: NO.1

Role: Delegate

Volume Parameter

Input Parameter: 0dB

AGC Parameter: [Toggle]

Target level: -5.5dBFS

Noise Threshold: -30dB

Max Gain: 0.5dB

attack time: 10ms

Decay time: 160ms

Input EQ Parameter: [Toggle]

EQ Presets: default

Frequency sliders (all at -28dB):

- 100 Hz, Q: 0.71
- 500 Hz, Q: 0.71
- 1000 Hz, Q: 0.71
- 4000 Hz, Q: 0.71
- 8000 Hz, Q: 0.71

Buttons: Fallback all operations, Close

Click on the “” button beside wireless microphone, you can view the power, charging status, firmware version of wireless microphone, and also the wifi Ssid, password, wiifi signal strength, wifi channel of the AP that wireless microphone connected.

5	5	Seat5	0dB	Online	Delegate	350AC438	5252D	0	Yes	   
Power: 	Signal: 60	Charging: 	Ssid: meeting_ap							
Psk: spon888888	IP Address:	Version: V1.0.4_20240226	Channel: 108							

PTZ Settings

PTZ set up:

In this interface, the preset position of the camera connected to the Master Control Unit (Wired/Wireless) and the unit seat can be set. After the unit seat is set, when the unit seat speaks, the camera will be turned to the unit seat and display the screen of the unit seat.

PTZ protocol:

Select the protocol type, protocol, and baud rate for the camera that the Master Control Unit (Wired/Wireless) connected.

Protocol Type: RS232, RS485, TCP, UDP are optional.

Network Digital Conference System

Running Status

Basic Settings

Microphone Settings

Terminal Status

PTZ Settings

Central Control ...

Terminal Params

Upload Pictures

Microphone Up...

Advanced Settings

Back to home page

admin

Current Position > Home > Microphone Settings > PTZ Settings

PTZ Set up

Seat No
1-NO.1-Online

Camera
1

Pyrocondensation
+ -

View
+ -

Save

PTZ Protocol

Protocol Type
RS485

PTZ Protocol
PELCO-D

Baud Rate
9600

Save

Central control settings

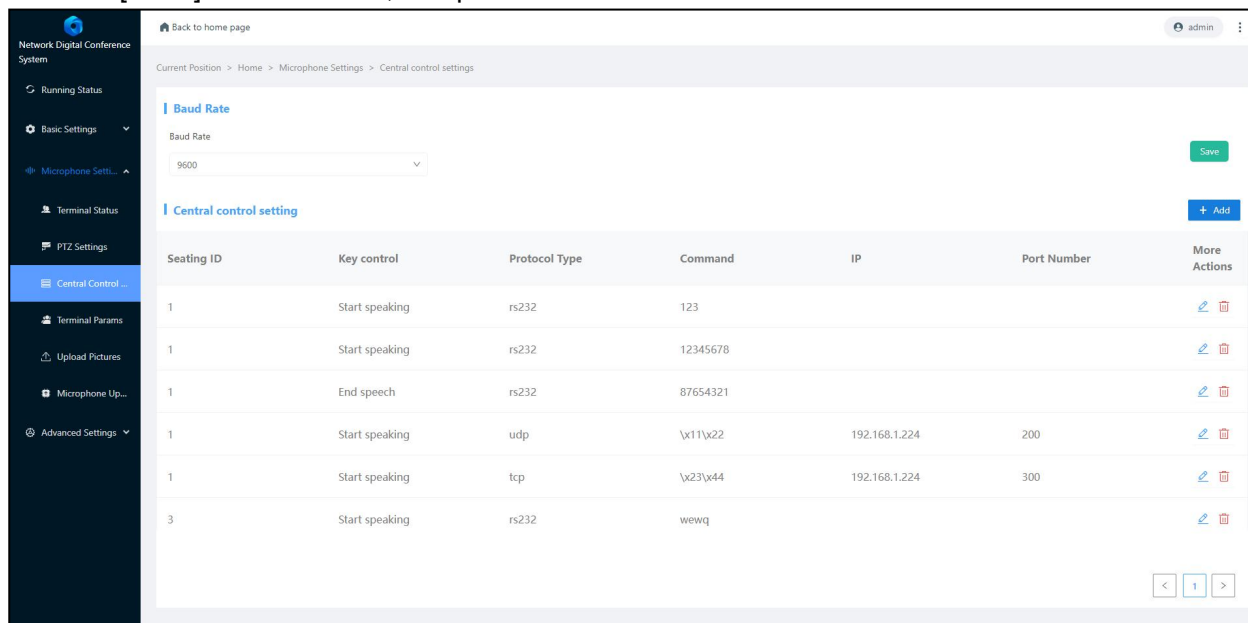
Conference start command and speak end command can be customized according to the matrix connected to the Master Control Unit (Wired/Wireless). It will take effect in time.

Protocol type: RS232, RS485, UDP, TCP are optional.

Command: It can transfer ASCII and hexadecimal codes. The hexadecimal format begins with \x.

Baud rate: Set the baud rate according to the baud rate of the matrix connected. **(Note: The baud rate only applies to RS232 and RS485 protocols)**

Click on [Save] after modified, the parameter modification takes effect in time.



Back to home page

Current Position > Home > Microphone Settings > Central control settings

admin

Baud Rate

Baud Rate

9600

Save

Central control setting

+ Add

Seating ID	Key control	Protocol Type	Command	IP	Port Number	More Actions
1	Start speaking	rs232	123			Edit Delete
1	Start speaking	rs232	12345678			Edit Delete
1	End speech	rs232	87654321			Edit Delete
1	Start speaking	udp	\x11\x22	192.168.1.224	200	Edit Delete
1	Start speaking	tcp	\x23\x44	192.168.1.224	300	Edit Delete
3	Start speaking	rs232	wewq			Edit Delete

< 1 >

Terminal Params

Set terminal parameters, click on [save] after setting, the parameters take effect in time.

The screenshot shows the 'Terminal Params' configuration page in the 'Network Digital Conference System'. The left sidebar contains a menu with options: Running Status, Basic Settings, Microphone Settings (expanded), Terminal Status, PTZ Settings, Central Control, Terminal Params (selected), Upload Pictures, Microphone Up..., and Advanced Settings. The main content area has a breadcrumb trail: 'Back to home page' > 'Home' > 'Microphone Settings' > 'Terminal Status'. Below this is a 'Terminal' section with four dropdown menus: 'Wallpaper' (set to 'Enable'), 'Wallpaper Time' (set to 'Enable'), 'ID Display' (set to 'ID'), and 'Auto Display Speaklist' (set to 'Enable'). A green 'Save' button is located in the top right corner of the settings area.

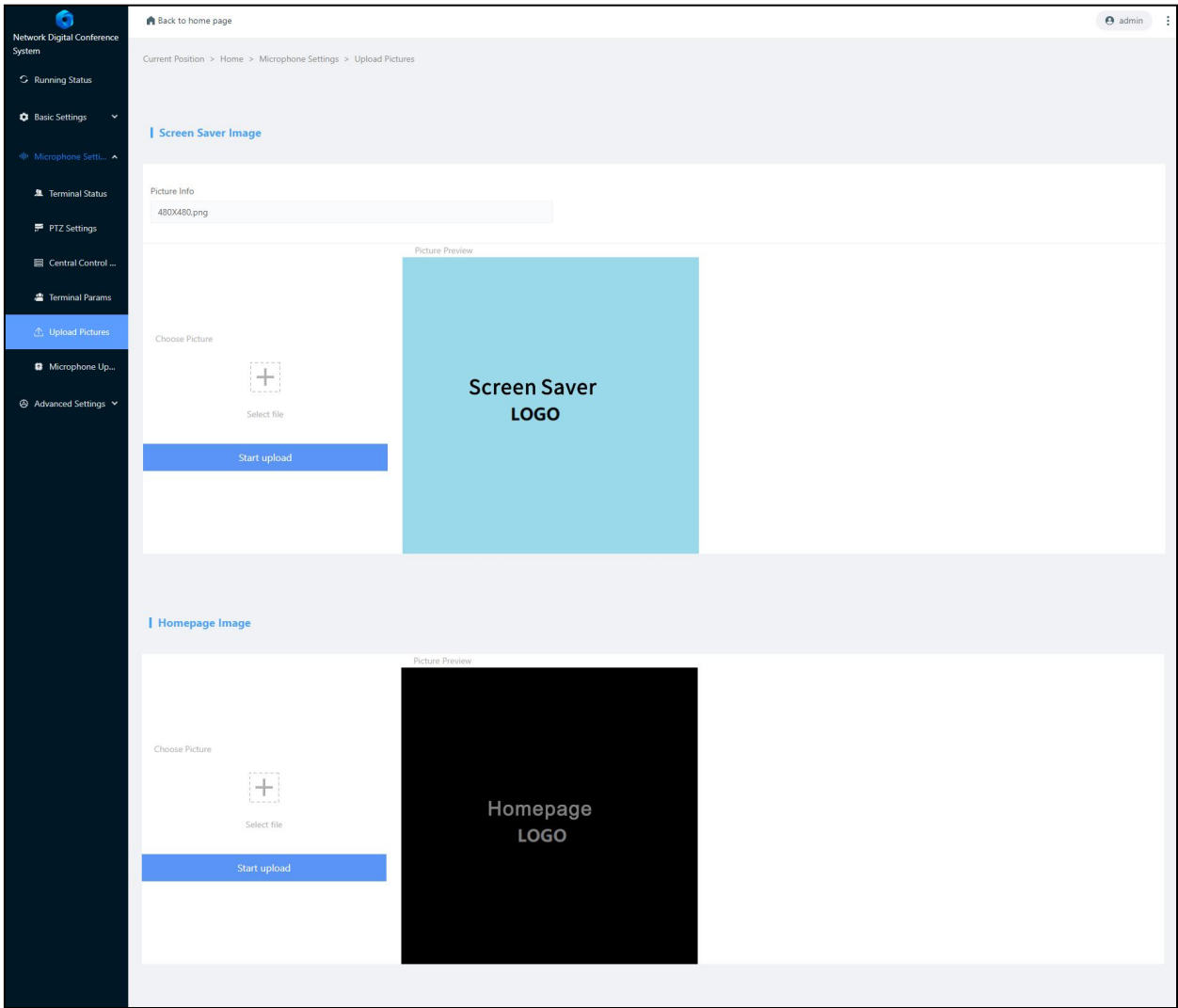
The relevant settings of terminal parameters are as follows:

Wallpaper	Set whether to enable the screensaver wallpaper.
Wallpaper Time	Sets whether to enable screensaver clock.
ID Display	Set the microphone ID or ICON is displayed in the speaker list.
Auto Display Speaklist	Set whether to automatically display speaker list after microphone has finished speak.

Upload Pictures

Screen Saver Image: Upload the picture of microphone screen saver here.

Homepage Image: Upload the picture of microphone home screen here.

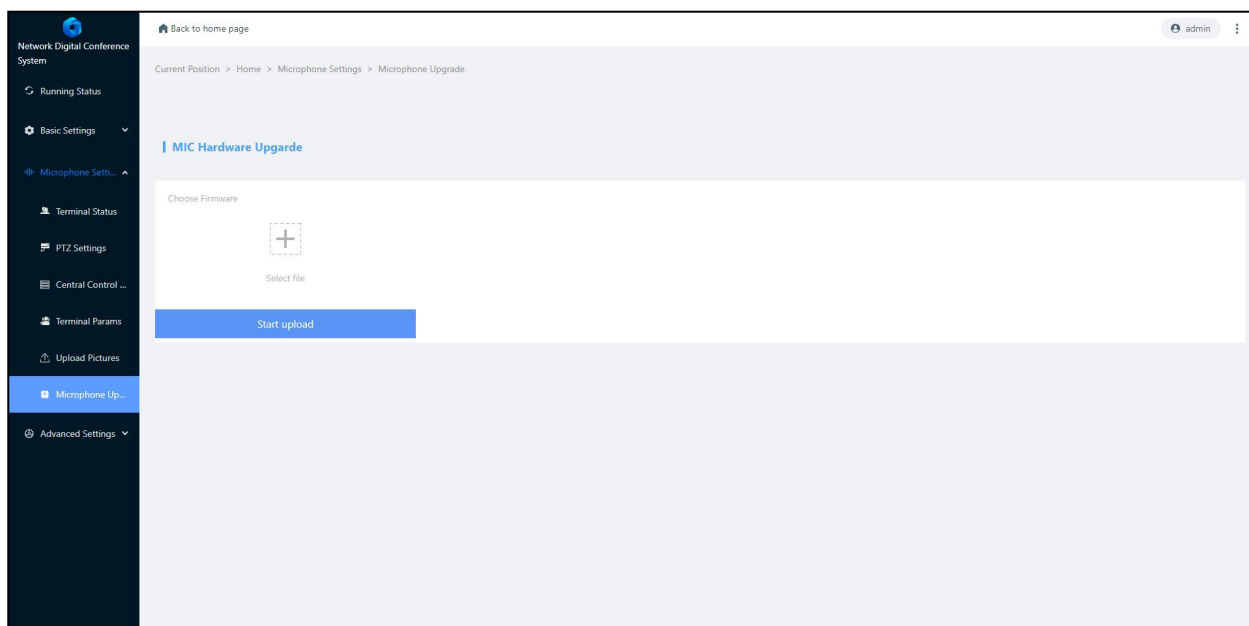


Microphone Upgrade

You can upgrade the firmware version of microphones here.

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

Note: Do not power off during the upgrade process, otherwise it may lead to the failure of the upgrade and the failure of the device. The upgrade process takes about 120s. After the upgrade, the device and web page will be restarted automatically. (Do not upgrade firmware unless you have a special need)

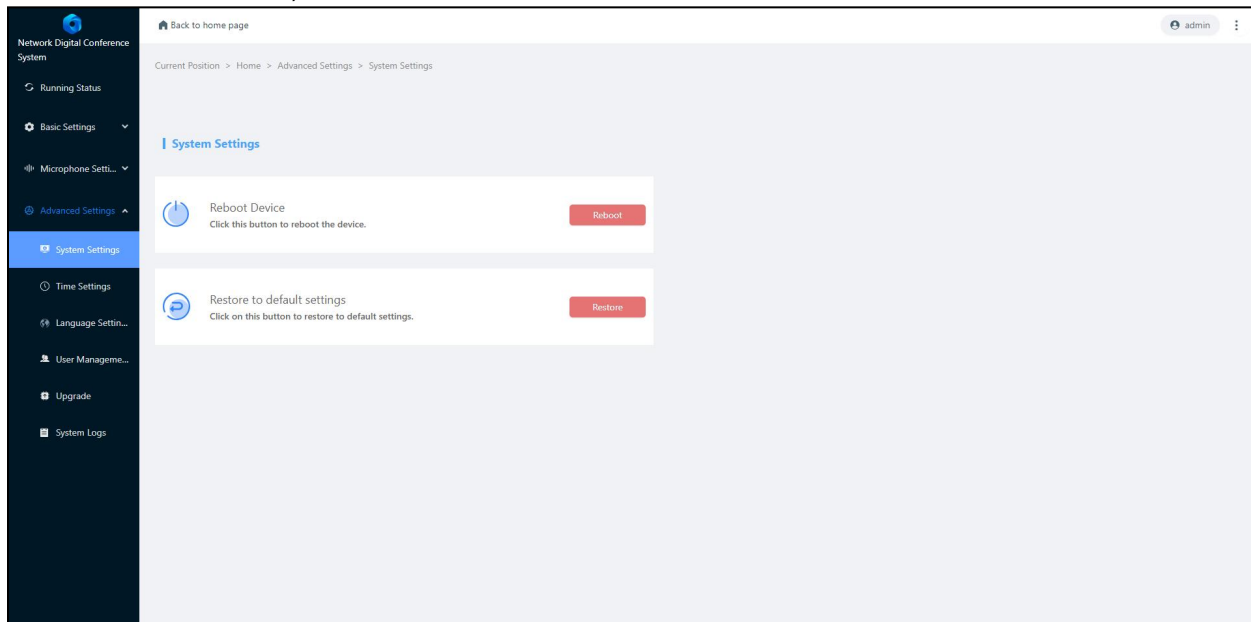


Advanced Settings

System Settings

Reboot: Click on this button will reboot the device.

Restore: Click on this button to restore all the parameters of the device to the factory Settings (please use it with caution)

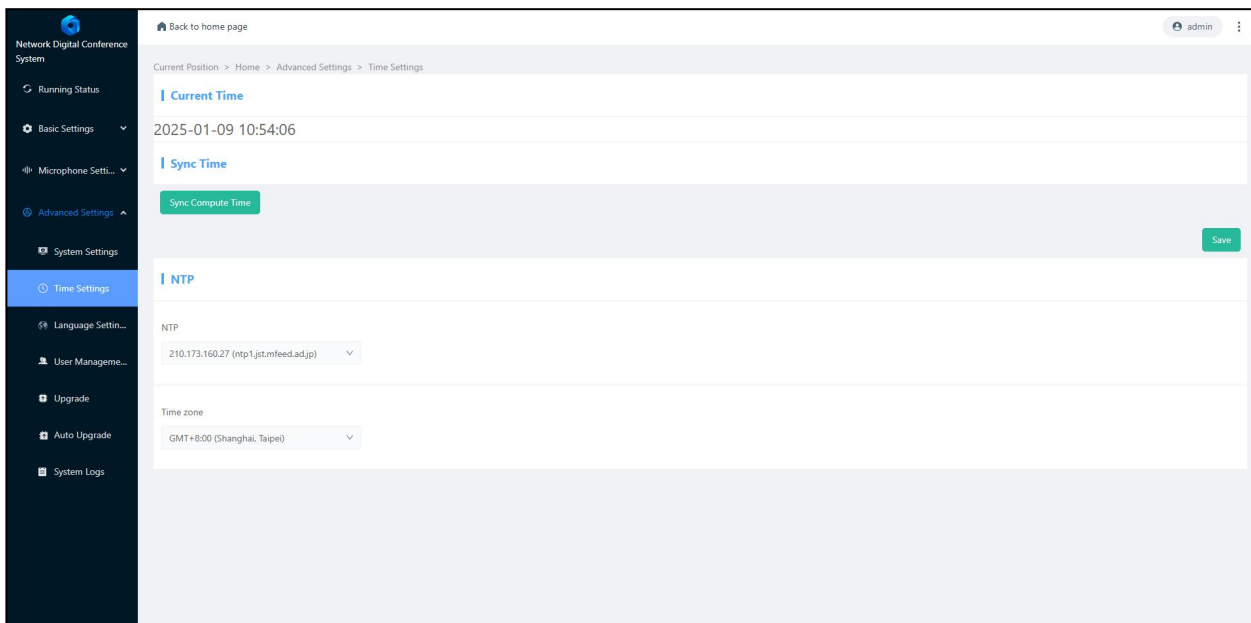


Time Settings

Click the "Sync Computer Time" button, the system will synchronize the computer time.

NTP: Set whether to enable the NTP time calibration function. After enabling it, set the NTP server address.

Time Zone: Set the device time zone.



Language Settings

You can set the display language here, it supports languages such as Chinese, English, Russian, Japanese, and so on.

After save the setting, rebooting the web page to take effect.

The screenshot shows the 'Language Settings' page of the 'Network Digital Conference System'. The left sidebar contains a menu with options: Running Status, Basic Settings, Microphone Settings, Advanced Settings (selected), System Settings, Time Settings, Language Settings (highlighted), User Management, Upgrade, and System Logs. The main content area has a breadcrumb trail: 'Back to home page' > 'Home' > 'Advanced Settings' > 'Language Settings'. Below this, there is a 'Language Choice' dropdown menu currently set to 'English'. A green 'Save' button is located in the top right corner of the settings area.

User Management

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

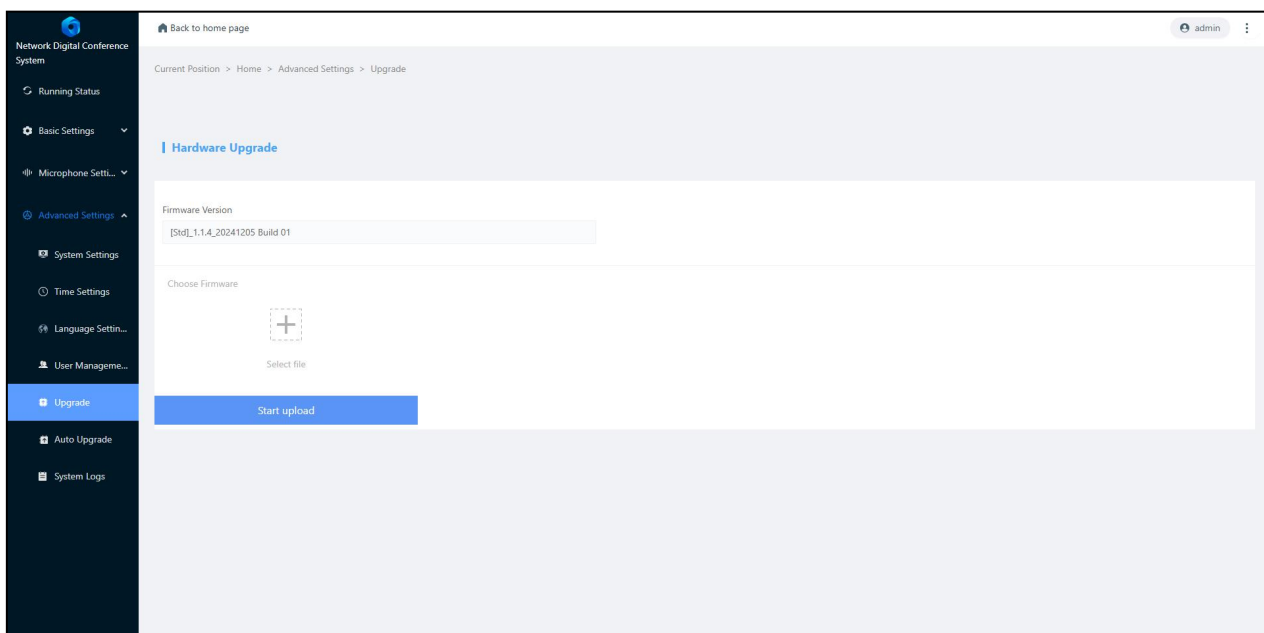
The screenshot shows the 'User Management' page of the 'Network Digital Conference System'. The left sidebar is identical to the previous screenshot, with 'User Management' highlighted. The main content area has a breadcrumb trail: 'Back to home page' > 'Home' > 'Advanced Settings' > 'User Management'. Below this, there are four input fields for user management: 'User Name' (containing 'admin'), 'Password', 'New Password', and 'Confirm Password'. A green 'Save' button is located in the top right corner of the settings area.

Upgrade

You can upgrade the firmware version of the Master Control Unit (Wired/Wireless) and microphones here.

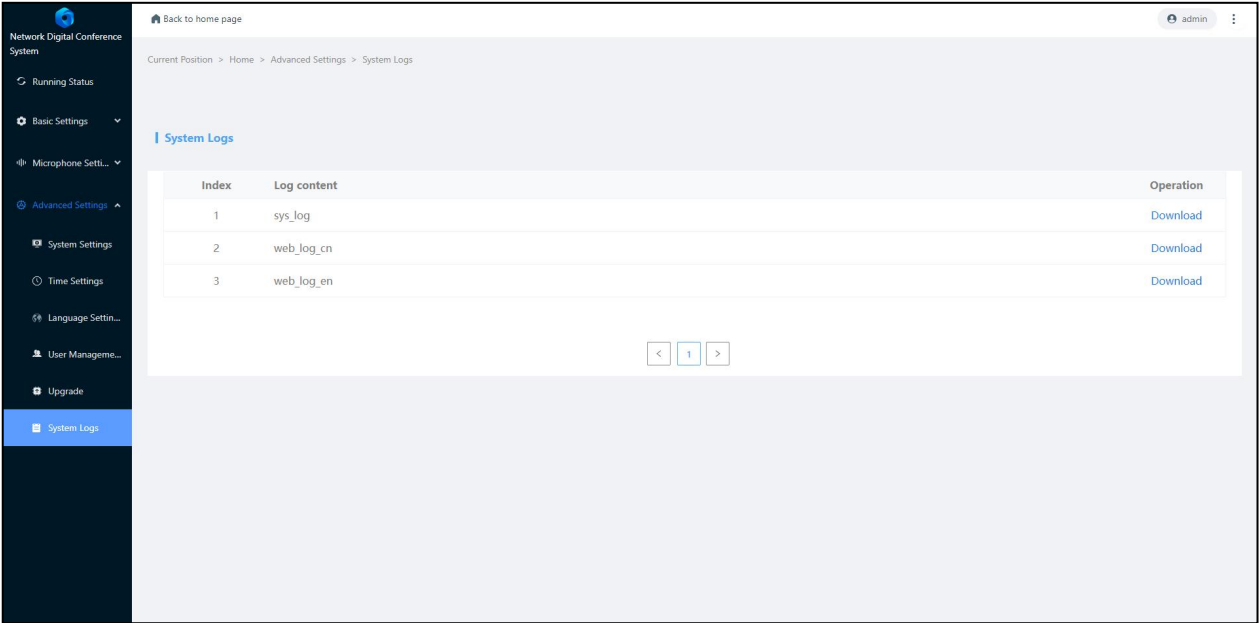
On the Upgrade Firmware page, click on "+ Select File" button, select the firmware upgrade file provided by the manufacturer, and click on the "Start Upload" button to start the upgrade.

Note: Do not power off during the upgrade process, otherwise it may lead to the failure of the upgrade and the failure of the device. The upgrade process takes about 120s. After the upgrade, the device and web page will be restarted automatically. (Do not upgrade firmware unless you have a special need)



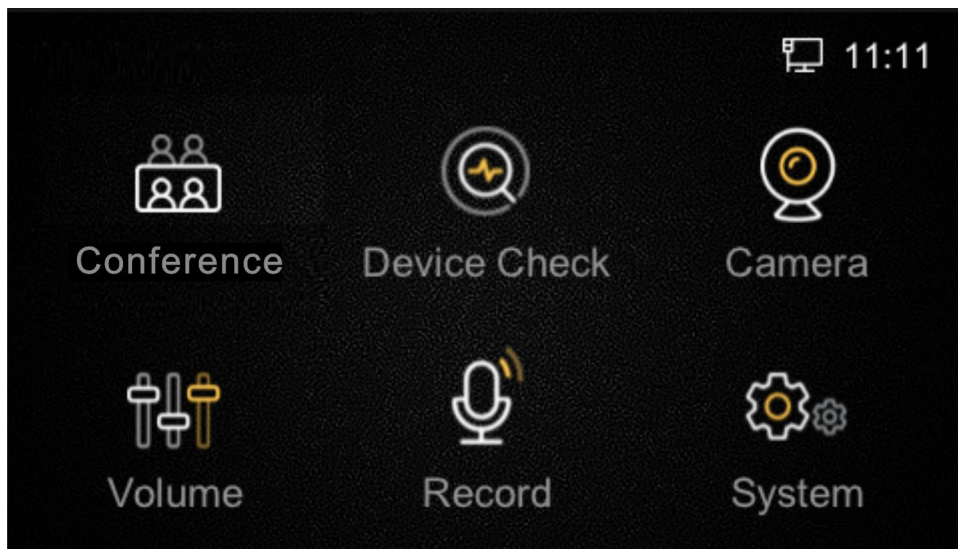
System Logs

Master Control Unit (Wired/Wireless) can automatically record the running process and generate logs, and support users to download system logs.



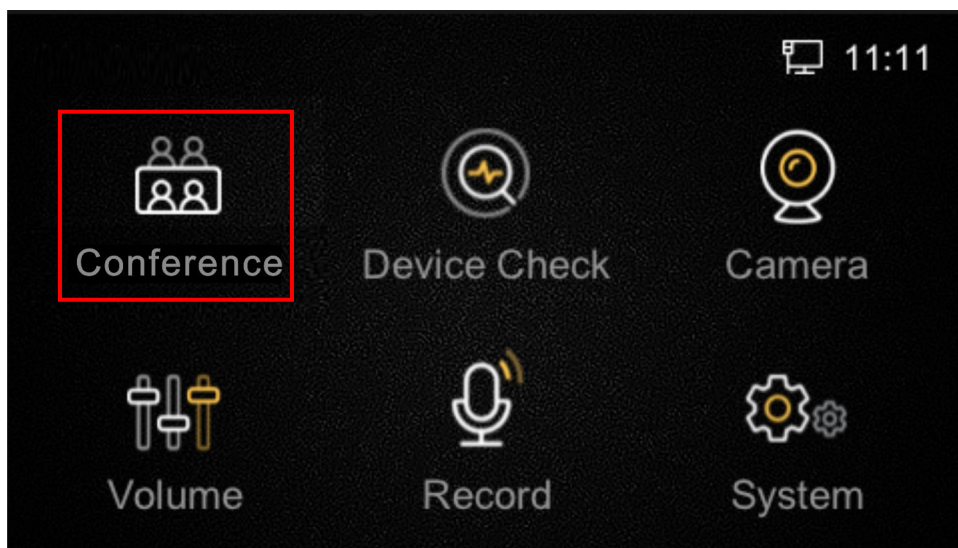
3.3 Basic Function

On the device, Conference, device check, camera, volume, record and system settings can be configured by rotating the Jog-Dial and pressing the return button.



Conference

Rotating the Jog-Dial to "Conference", we can set the conference mode, the maximum number of speakers, etc. After setting, press the return button to save the settings.



Conference mode

Override Mode: When the number of speakers has reached to the maximum number of speakers, there are unit seats who want to join the conference, then it needs unit seats to exit the conference. In fifo conference mode, the first unit seat allowed to speak will be kicked out.

(Note: The "Maximum Speakers" in this mode includes the chairman unit. The chairman unit is not subject to the "Maximum Speakers")

Apply Mode: in this mode, if a "represent" wants to join the conference, it needs the approval of the "chairman". Only one "represent" can speak at a time, other "represent"s who apply for speak will in queue

When the number of speakers has reached to the maximum number of speakers, it needs speakers to press the speaker button to exit the conference, and the next unit seat can speak.

(Note: The "Maximum Speakers" in this mode is ineffective. When speakers of chairman reach to 9, "Override Mode" will be followed among chairman.)

Chairman Mode: in this mode, only chairman units can speak.

(Note: The "Maximum Speakers" is effective to chairman unit . Delegate unit has no authority to speak in this mode)

Limited-Speaker Mode: When the number of speakers has reached to the maximum number of speakers, there is a "chairman" who wants to speak, the "represent" who allows to speak first will be kicked out of speak first. If the current speakers are all "chairman", the "Maximum Speakers" is ineffective.

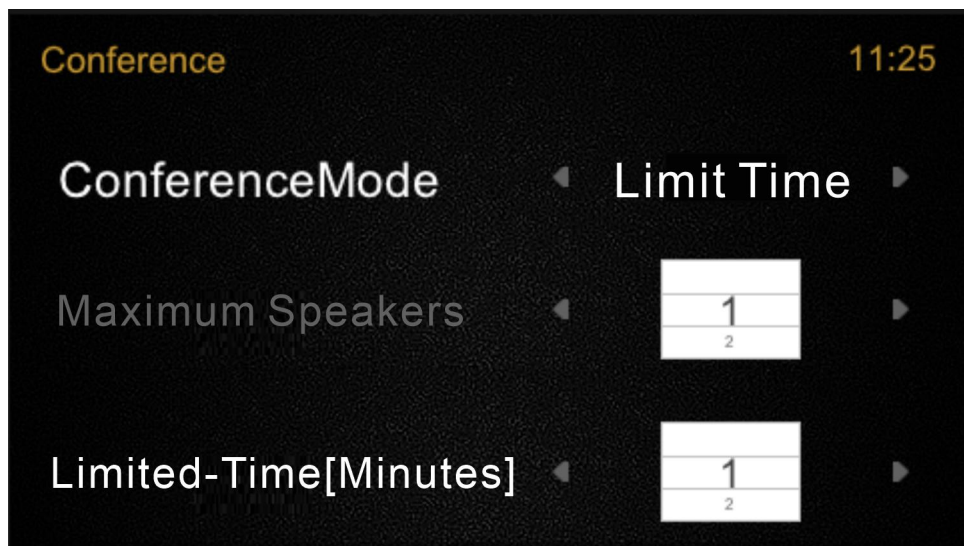
(Note: The "Maximum Speakers" in this mode includes the chairman unit.)

Time-limited mode: when select "Time-limited mode", you need to set "Maximum speaker time", when a "represent" start to speak , it start the timer, and other "represent" can't speak. For "chairman", they can press speak button to speak at any time.

(Note: The "Maximum Speakers" in this mode is ineffective. When speakers of chairman reaches to 9, "Override mode" will be followed among chairman.)

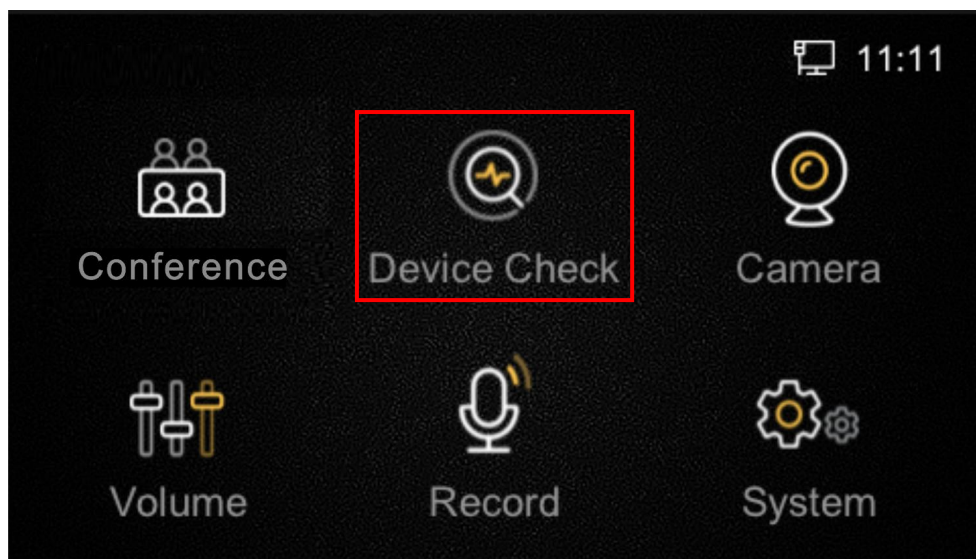
Maximum number of speakers:

Set the maximum number of speakers for a Conference. **(Note: When all speakers are "chairman", the "Maximum speakers" limit is invalid in other conference modes except "Chairman Mode". In "Override Mode" and "Limited-Speaker mode", when the number of speakers reaches to 10, the "First In First Out" will be implemented; in "Apply mode" and "Time-Limited mode", when the number of speakers reaches to 9, the "First In First Out" will be implemented.)**



Device Check

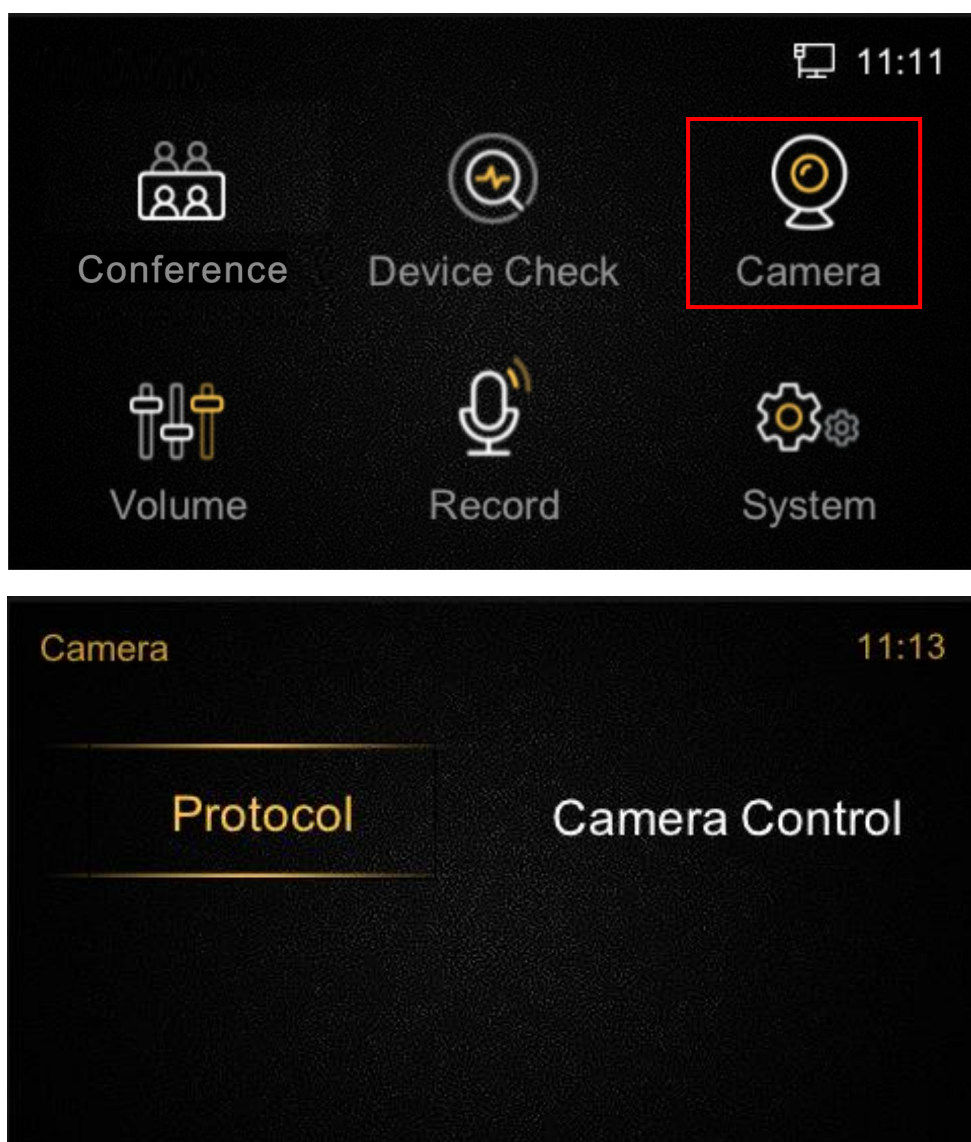
Rotating the Jog-Dial to "Device Check", we can real-timely check the connection status of Master Control Unit (Wired/Wireless) port and the units connected on the port. Press the return button to return to the main page.



The abnormal unit connection will be automatically detected. After the detection is completed, the interface will display the detection results . Users can check the port or unit connection according to the detection results shown.

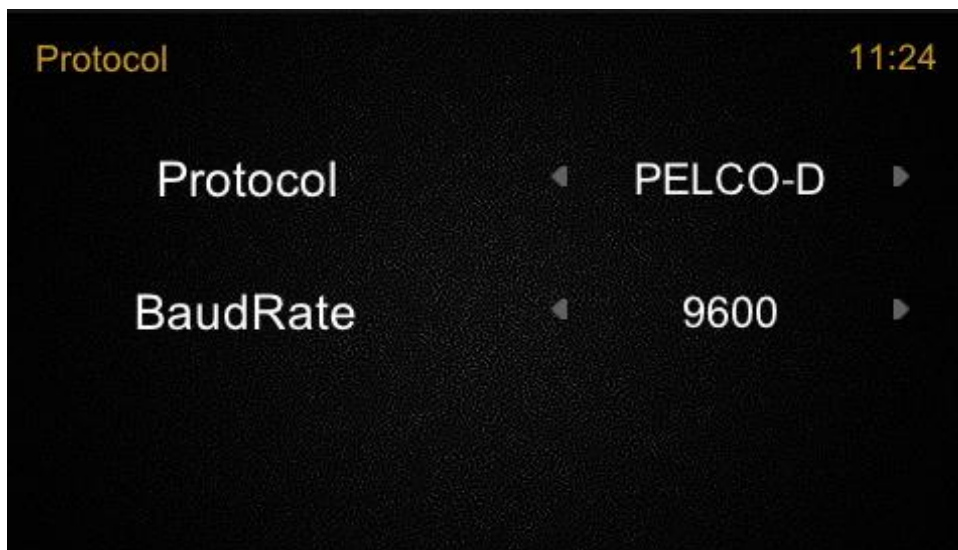
Camera

Rotating the Jog-Dial to "Camera" to set the protocol of cameras which are connected to the Master Control Unit (Wired/Wireless) , and set the preset position of cameras and unit seats . Press the return button to save the settings.



Protocol

Select the protocol and baud rate for cameras which are connected to the Master Control Unit (Wired/Wireless) .



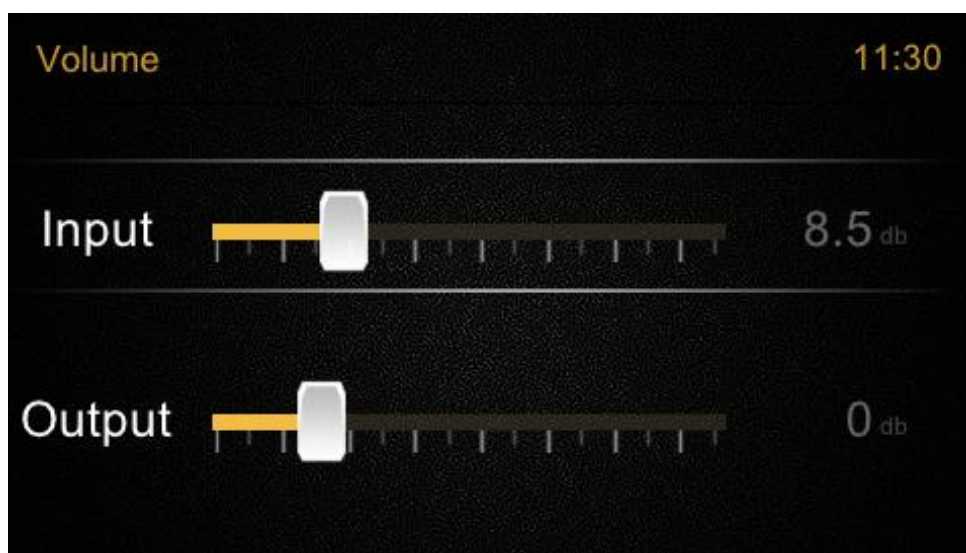
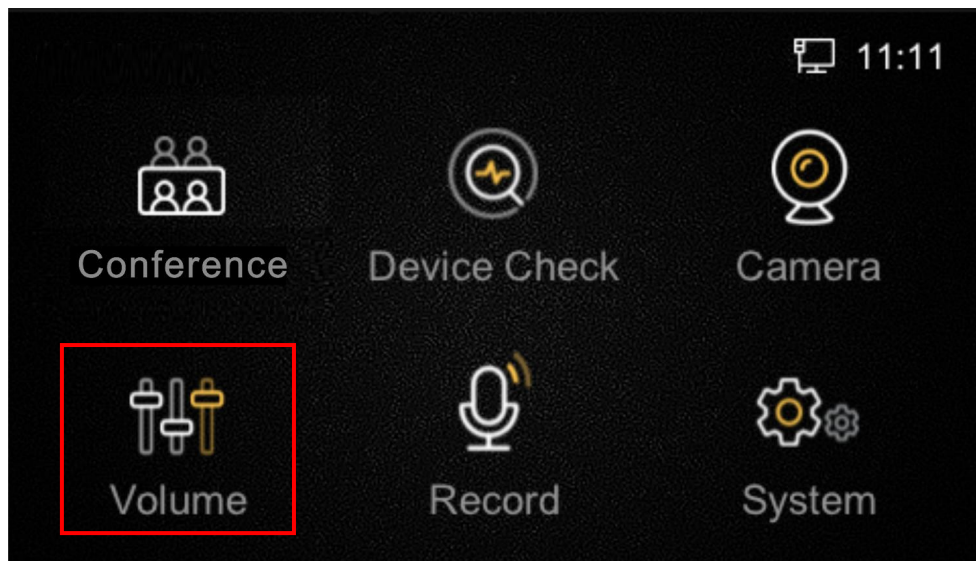
Camera Control

In this interface, the preset position of the camera which are connected to the Master Control Unit (Wired/Wireless) and the unit seat can be set. After the unit seat is set, when the unit seat speaks, the camera will be turned to the unit seat and display the screen of the unit seat.



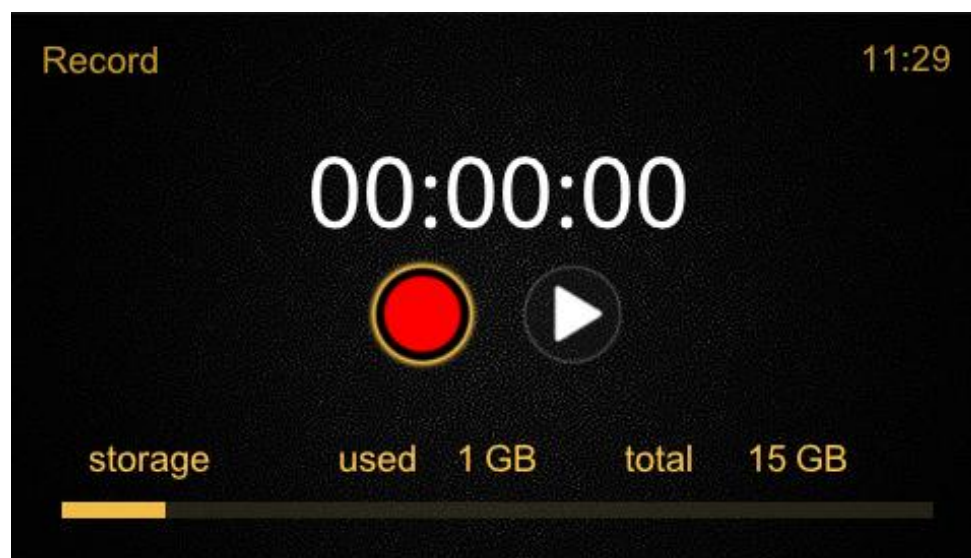
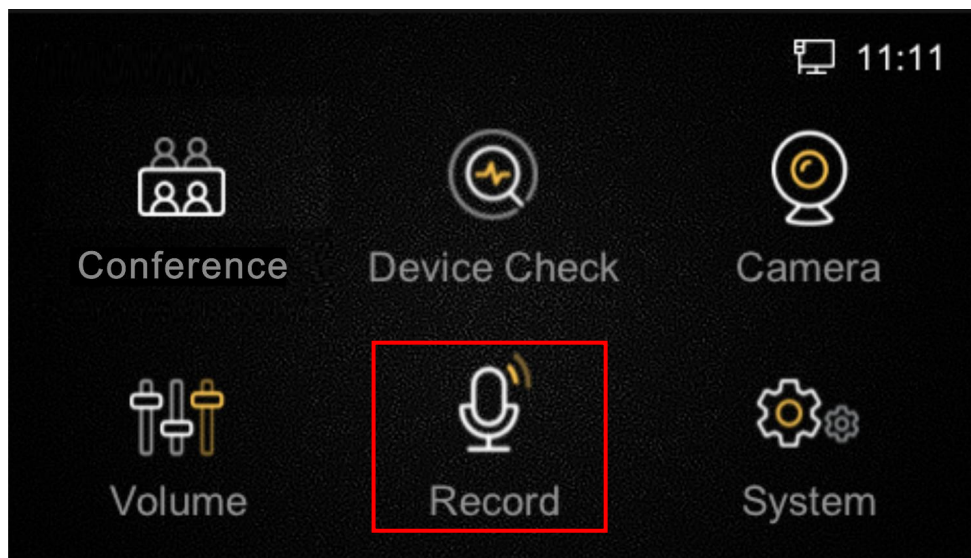
Volume

Rotating the Jog-Dial to "volume" to set the input volume and output volume of the unit seat connected to the Master Control Unit (Wired/Wireless). Press the return button to save the settings



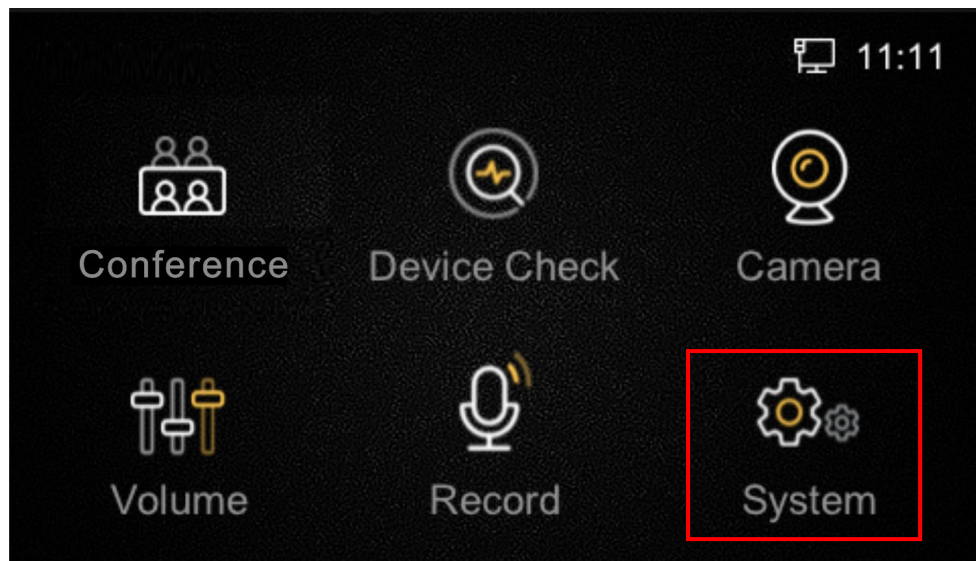
Record

Rotating the Jog-Dial to "record", you can insert a USB disk to record audio of the unit seats which are connected to the Master Control Unit (Wired/Wireless). **(Note: 1.The USB flash disk inserted must be in FAT 32 format; 2. It is recommended to remove the USB flash disk after the recording stops, otherwise the USB flash disk may be damaged.)**



System

Rotating the Jog-Dial to "System", you can view the network information of the Master Control Unit (Wired/Wireless), and configure WLAN, Bluetooth, etc.



Network

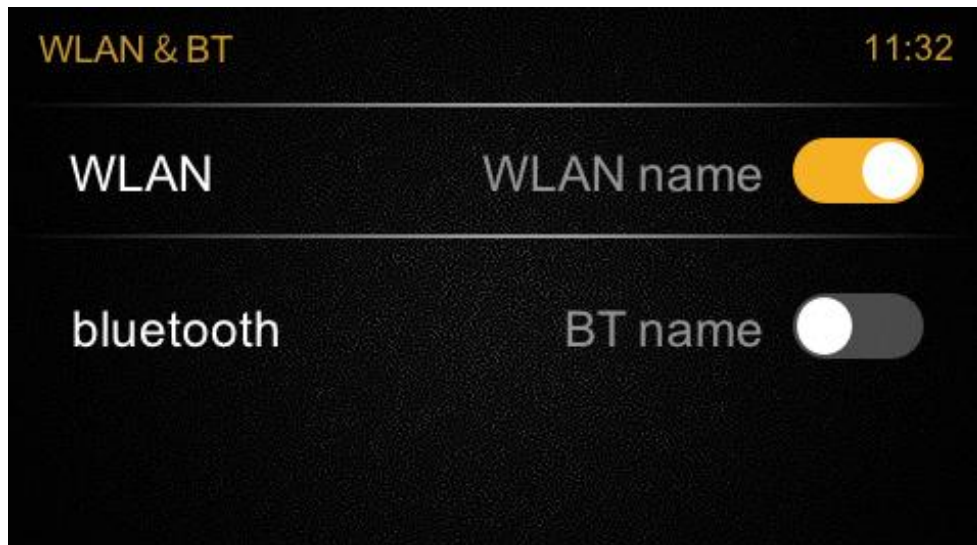
View the IP address, subnet mask, gateway and other network information of the Master Control Unit (Wired/Wireless).

Network		11:27
IP ADDR	192.168.70.46	
MASK	255.255.255.0	
GATEWAY	192.168.70.1	
MAC	00:00:00:00:00	

WLAN & BT

In this interface, you can open the WiFi and Bluetooth switch of the Master Control Unit (Wired/Wireless). You need set the WiFi and Bluetooth names and password on the Web page.

(Note: The default WiFi password is "12345678", and the default Bluetooth password is "0000".)

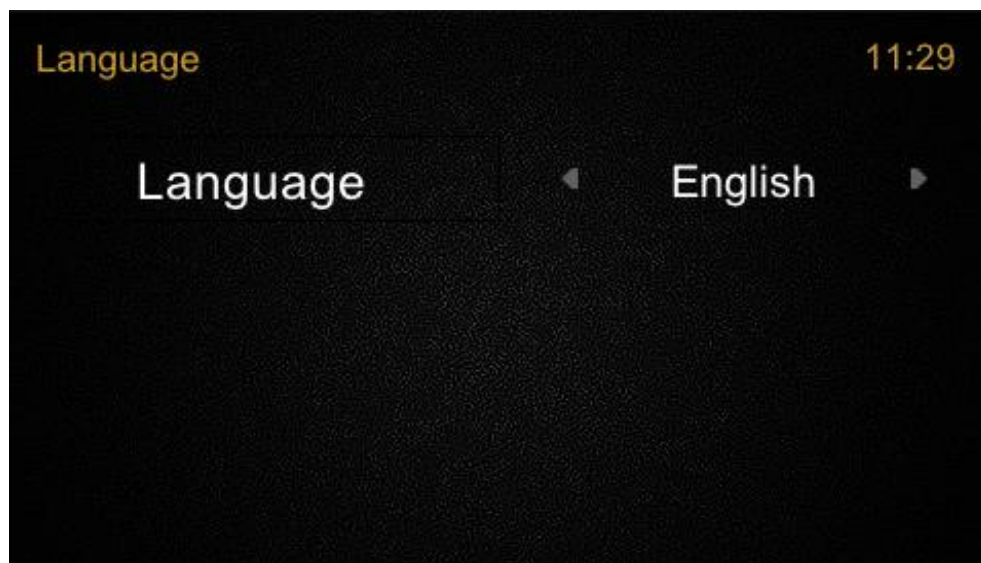


Help

Scan the QR code in this interface to enter to the company's official website.

Language

You can change the display language here. it supports languages such as Chinese, English, Russian, Japanese, and so on. Press the Return button to save the settings.



3.4 Troubleshooting

System date back to initial value?

The battery needs to be replaced, please contact a professional to replace battery.

Copyright Statement

Copyright

The copyright is reserved of the SPON Communication Co., LTD(abbreviation SPON),if without the permission of the company in written form, any company and personage shall not arbitrarily excerpt, copy mentioned file information, and shall not spread in any forms.

According to the legal provisions, copy including translate to other language or switch to other format.

Mentioned document spreading in network media, SPON allow download and print for personal uses.

Any parts of the document can not be modified and for commercial uses. If any damage and losses which is caused by illegality modify and switch the document, SPON shall not take any responsibility.

Guarantee

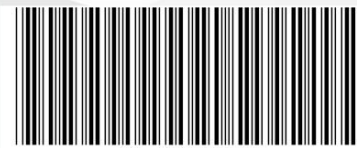
Regarding to the information of the mentioned handbook, if any modify, kindly understand that there is no any notice.

The handbook shall provide the correct indication, information and suggestion, and not guarantee to any indicated and implied information. User should take the responsibility of the products applying.

SPON shall not making any guarantee for the handbook, including but not only for the guarantee of implied marketability and specific purpose. Also SPON shall not take any responsibility, if any indirect or incidental losses caused by mistaken use of the handbook.



SPON Communications Co., Ltd.
www.sponcomm.com
Service Hotline: +86-731-85570190
Reserve the amendment right without notice



V1. 2B250109