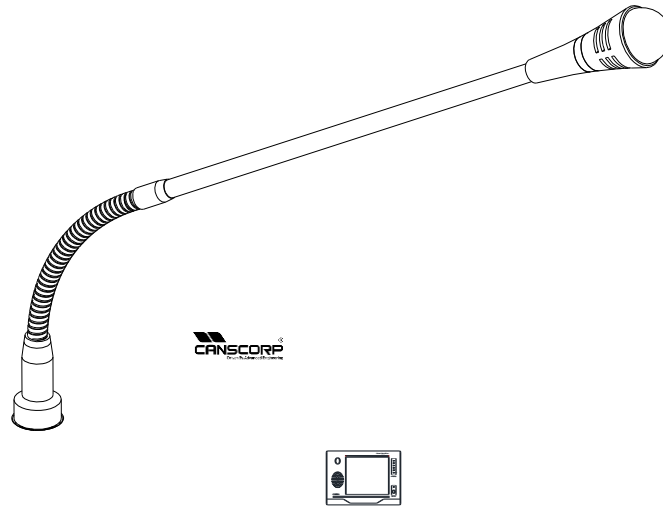


Network Intelligent Paging Station CNS6588



User's Manual

Thank you for using our public address system. Please read this User Manual carefully to make better use of this equipment.

About the Manual

This User Manual will be in use after the network public address and paging station equipment is developed. The User Manual comprises system introduction, matters needing attentions during user, system connection description, system application description and product technical parameters with respect to the network public address and paging station equipment. Users should read this Manual carefully before any connection and use, and should operate in accordance with instructions in the Manual.



Messages following this icon on the rear panel include important information needing attentions, so please use or operate the equipment in accordance with such instructions.

Please keep it in good custody for future use.

Matters Needing Attention

Please read the following carefully before any operation.



In order to avoid any potential personal injury as well as loss or damages to equipment or property, please **DO** follow the basic instructions as given below. Such instructions include with limitation to the following:

Power supply/power wire

- Please hold the plug other than the power wire when trying to remove the plug from sockets. Pulling the power wire may result in damages.
- Please do NOT place the power wire anywhere near the heat source. Please do NOT bend or buckle the power wire or place it where it may be stepped on or may trip passer-by.
- This equipment is connected to the power grid through the plus, so when any fault or danger occurs, the user should remove the plug from the socket to disconnect the equipment from power grid, therefore, it is important to place the power socket where it is easily accessible.
- When the power switch of this equipment is "OFF", the equipment is not disconnected from the power source; therefore, for purposes of safety, the user should remove the plug from power socket when the equipment is not in use.

Installation Location

- Please disconnect the equipment from power source before relocation.
- In order to avoid deformation of the panels and damages to components, please do NOT place the equipment where there is excessive dust, vibration or extreme cold or hot conditions.
- Please keep this equipment off water drops or splash or vase filled with water or any other articles of similar nature.

Connection

- Please disconnect the power supply when the equipment is connected to any other equipment. Please turn the volume down to the minimum level before switching on or powering off the equipment.
- Symbols of ' ' on any terminal in the equipment indicate that such terminal is live and dangerous and any connecting operation should be done by trained personnel.

In case any abnormal condition is detected,

- If the power wire is worn or damaged, resulting in sudden interrupt of sound or abnormal smell or smoke during use, please cut off the power supply immediately and have the equipment inspected by professional personnel.

Matters needing attentions in operation

- Please do NOT put your finger in any gap or opening of the equipment.
- Please keep any foreign matters (paper, plastic or metal) from being inserted in any gap or opening of the equipment. In such cases, please cut off the power supply immediately.
- Please do NOT put any part of your body or any heavy object on the equipment and please be careful when operating any button or switch of the equipment or when connecting the equipment.

Please do NOT disassemble the equipment

- Please do NOT remove the cover of the equipment; otherwise you may get an electric shock.
- Please do NOT attempt to disassemble any component of the equipment or make any modifications in whatever manner. If any abnormal phenomenon is observed, please stop using the equipment immediately and have it inspected by professional personnel.

Other Precautions

- Our company will be take responsibility for data loss or damages resulting from improper user or unauthorized modifications.
- All figures included in this Manual are for description purposes and there may be slight difference in your actual application. Please refer to the actual product.

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I. Product Description

1.1 Introduction

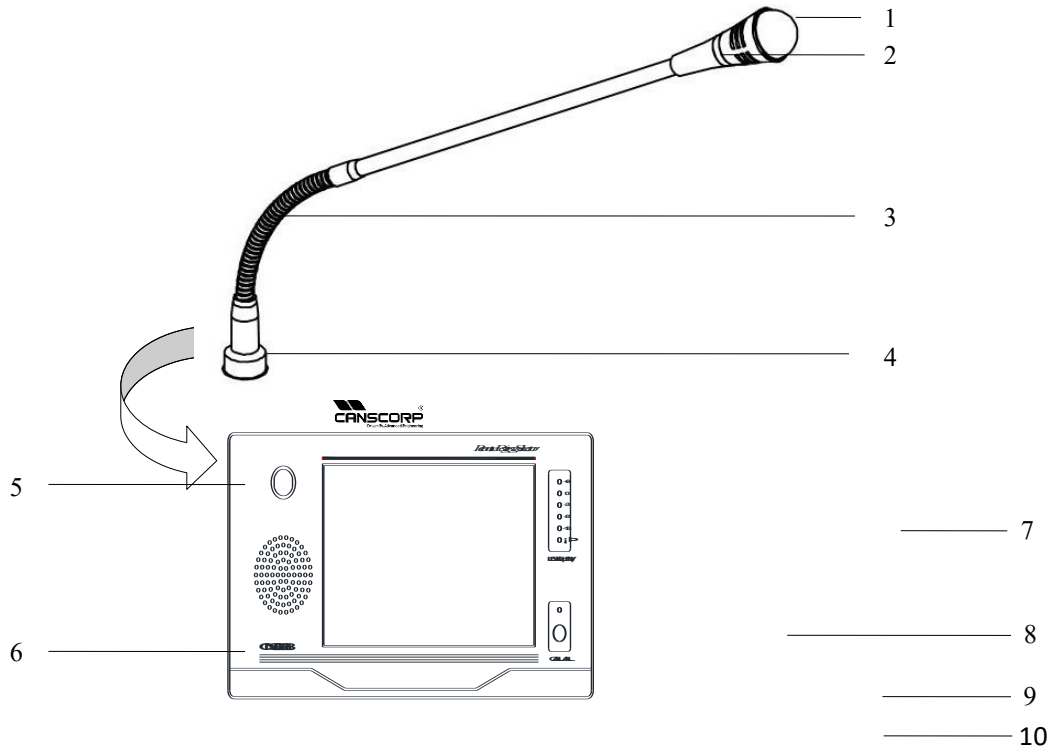
CNS6588 series digital intelligent paging station is a TCP/IP based network Hi-Fi paging station and can be used anywhere with network access. It can realize control on 1,000 zones based paging and is featured by the high stability of traditional paging stations as well as reliable operation and low fault rate. Signals are transmitted in digital form and intelligent control is realized. The system provides 7" LCD true color display/touch screen as well as graphic and user-friendly operation interface. In addition, the system provides auxiliary input/output channels for extension of local audio source and amplification functions. The system integrates players developed independently by our company to realize local monitoring on host programs.

1.2 Functional Features

- 100/10Mbps self-adaption TCP/IP network transmission protocol
- 7" true color LCD display, graphic interface and touch screen operation
- Desktop type
- High-fidelity condenser goose-neck microphone
- Multiple level indication function
- Quick paging with manual shortcut keys
- Built-in 3W monitoring loudspeaker for easy pre-listening program and intercom use
- With 1-channel line input (extendable external program source and wireless MIC input), 1-channel local line output (support offline local amplifier paging), 1-channel AUX line output (extendable monitoring power)
- Humanity design, more intuitive display
- Built-in high fidelity AGC processing circuit with large dynamic range
- Built-in DSP sound processing circuit with high performance
- Adopt embedded real-time system platform, ARM processor with high performance
- Support group editing of network playback terminals
- Built-in chime
- Support selection between paging and intercom functions for network playback terminals
- Support paging and intercom function between intelligent paging stations
- Support playback of songs in program list of network host
- With recording function to record and play recordings of paging
- With user password and access management
- With automatic power-off function for MIC, support power-off delay of paging for speakers
- Manual open and close MIC power supply
- With intelligent screensaver function, can set delay time for screen saver
- Can set network transmission communication mode
- Support USB disk song pushing function

II. Appearance

2.1 Front Panel



1. Microphone head

Please do NOT hit the microphone head when the equipment is in use.

2. Microphone On/Off indicating ring

Indicating LED:

- When the microphone is on, the indicating light will be on.
- The microphone On/Off indicating light will be turned on simultaneously when calling zones.

3. Microphone Rod

Users can adjust the microphone angel flexibly.

4. Microphone base

5-pin XLR:

- Feet 1 for tube microphone red light;
- Feet 2 for tube microphone blue light;
- Feet 3 for voice signal input;
- Feet 4 for grounding of signal input;

- Feet 5 for MIC indicator power supply.

5. Microphone plug

Feet 5 corresponding respectively to the five feet on the base.

6. Monitoring speaker

It is used to output the voices received.

7. Output level indicating LED

More indicating LEDs will be on as the output volume increases.

8. LCD true color display

It is used to display the operating status and operation interface of the paging station; the touch screen is for selecting options.

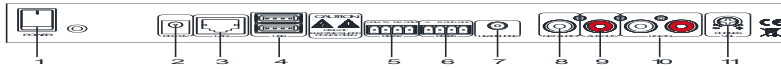
9. Microphone On/Off indicating LED

The indicating LED is on when the user presses "CALL ALL" button to activate all zones. It will also be on when any terminal is called.

10. Paging button

It is used to realize paging function for all zones.

2.2 Rear Panel



1. On/Off Switch

When the button at "—" position is pressed to turn on the power, while when the button at "—" position is popped up to turn off the power.

2. Power Supply Interface

It provides working power supply for the machine.

3. Network Interface

It is used to connect to network switches.

4. USB Interface

The USB flash drive is inserted into the interface to provide program source to the built-in MP3 player, so as to realize the song push function of the USB flash drive.

5. Data Exchange Interface

It is the RS232 analog paging interface and is reserved for extension by intelligent systems.

6. Data Exchange Interface

RS485 analog paging interface and is reserved for extension by intelligent systems.

7. Monitoring Headphone Jack

It is for use of local monitoring and the volume is adjustable.

8. Network Audio Output

9. Line Audio Output Interface

It is used to connect the system to amplification equipment.

10. Line Audio Input Interface

It is used to connect to players, such as a DVD player or a tuner.

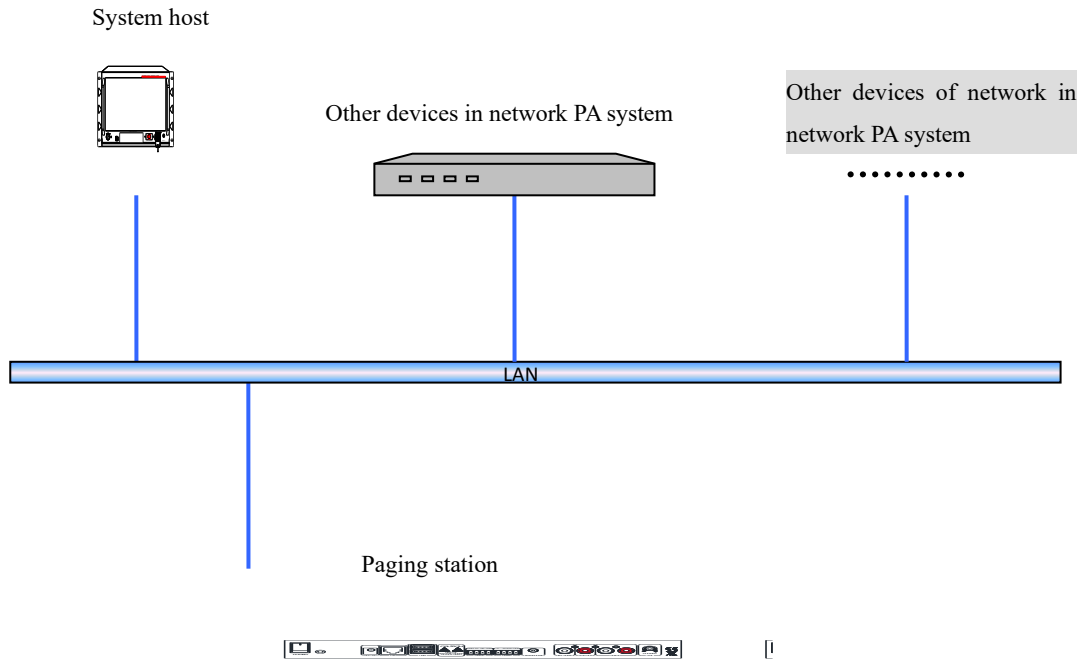
11. Monitoring Volume Adjusting Knob

It is used to adjust the volume output to monitoring headphone. Turn the knob clockwise to increase the volume and anticlockwise to reduce the volume.

III. Connection Diagram

3.1 Application of CNS6588 Paging Station in the System

CNS6588 Paging Station can be deployed in any place where there is network access.

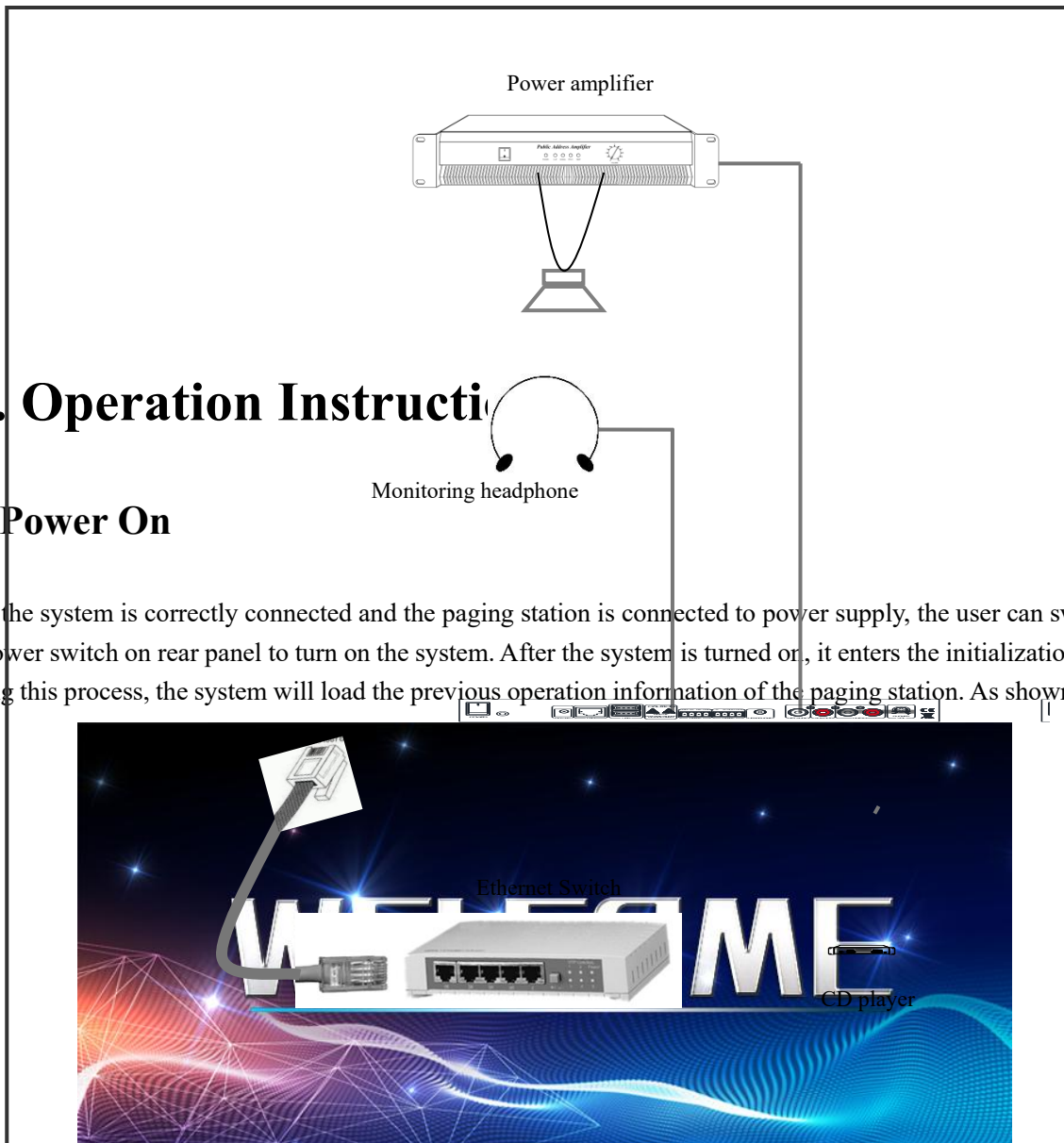


- Note:
- ① The figure above only shows the connection of CNS6588 is basic application, please refer to the User Manual of network host for information about connection of the whole system.
 - ② The figure above is only for demonstration, please refer to the connecting diagrams at the application site for information about actual connection.
 - ③ Connection of CNS6588 in the system can only be realized via a network switch and an address should be configured in order to communicate with the controller and to paging the zones.

3.2 Diagram for CNS6588 Paging Station Connection

The Paging Station can be used to output audio signals, and the audio channels are for use to connect amplifiers and speakers to realize amplification at local places of the Paging Station. The user-friendly design can meet the needs of large output power and multiple audio sources at the local places of terminals; the Paging Station also provides auxiliary audio input interface for connecting to players.

The connection of local interfaces is as follows:



IV. Operation Instructi

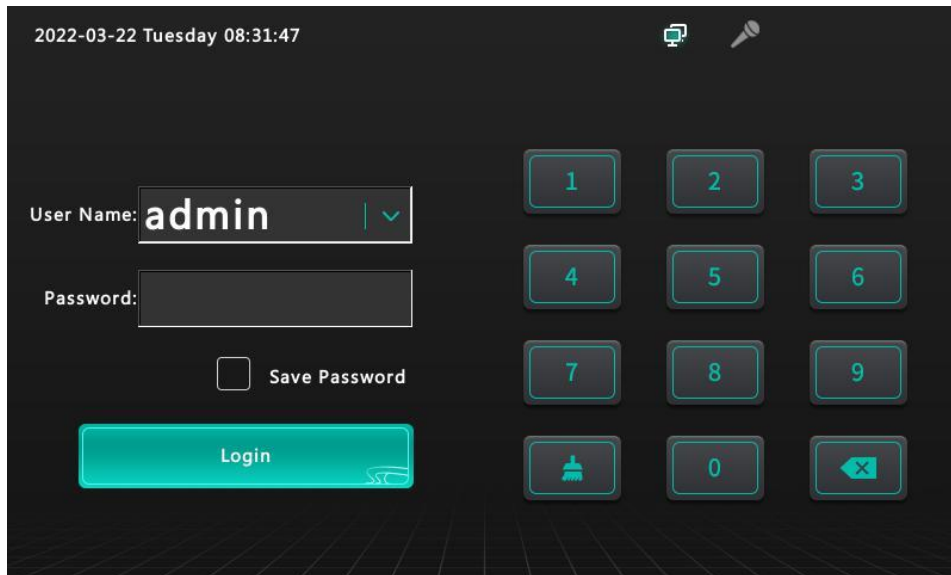
4.1 Power On

After the system is correctly connected and the paging station is connected to power supply, the user can switch on the power switch on rear panel to turn on the system. After the system is turned on, it enters the initialization status. During this process, the system will load the previous operation information of the paging station. As shown below:



Power On Interface

It may take about 25 seconds to enter the following interface, and type the account and password to login:

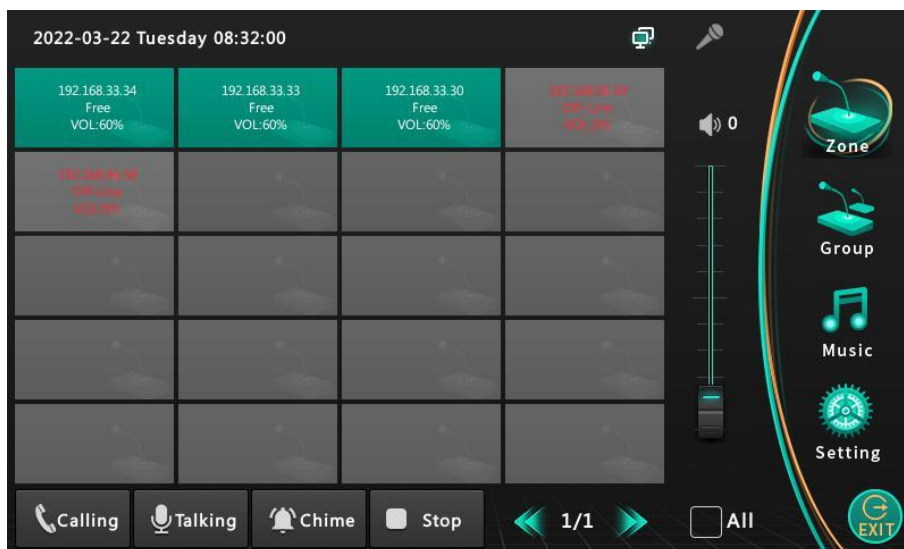


Password Enter Interface

4.2 Main Interface

4.2.1 Main Interface Functions

After successfully logging into the main interface, the default interface is the zone interface, as shown below. The functions on the main interface include status operation, zone status display, volume adjustment, switch zone and group/song play/setup/exit function buttons.



Main Interface

Zone: Paging and intercom operations can be conducted on zone, and the status of zone can be viewed.

Grouping: You can perform paging operation on zone and check the grouping status.

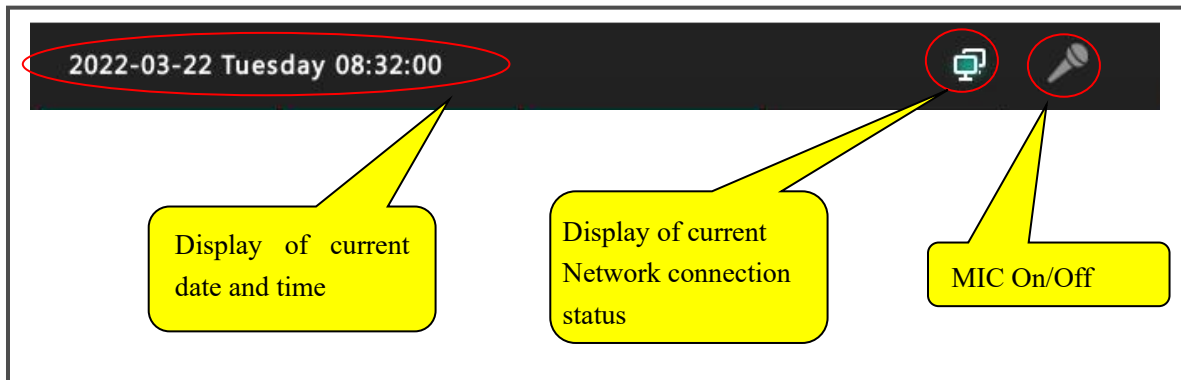
Song playback: zone broadcast and program pre-listening operation.

Setting: System setting, please refer to below content for details.

Exit: Exit the current account, enter the login interface and switch other accounts.

4.2.2 Time and Network Status

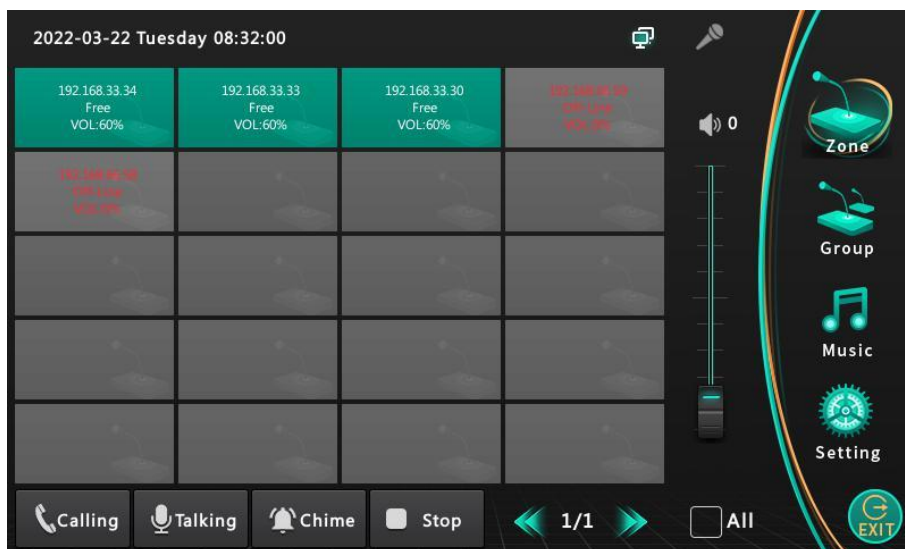
The upper status bar of the main interface show the date, time and the network status



4.2.3 zone Status Display

The current operating status of each zone is displayed on the button of each zone, such as the name/ current task and volume information of such zone. If the current paging station is connected to the network, the corresponding button is in blue color, otherwise it is in gray color. As shown below:

- "192.168.33.33" indicates the name or number of the zone;
- "Free" indicates the current task performed by the zone. In this picture, the current zone is offline.
- "Volume 60%" indicates the current volume level of the zone, which cannot be adjusted on the paging station but can be adjusted on the system controller. Please refer to the User Manual of System Controller for detailed operation.



Main Interface

4.2.4 Zone

- First, touch the "Zone Call" on the upper right corner of the main interface, and enter the interface to achieve following functions:
- Touch "Paging" button: Paging to the selected zones/groups

- Touch “Talking” button: Talk to the selected zones
- Touch “Stop” button: Stop the paging to all zones/groups
- Touch “Chime” button: When it is paging, the system will give off chime to attract attention
- Touch “◀p” and “▶” to turn pages
- Tick “select all” to select all zones and groups, and vice versa.

● **Zone Calling**

Touch the "Zone" icon at the upper right corner of the main interface, then select the zone, and then touch the "Calling" button; When the microphone ring and indicator light is on, and the panel indicator light is blue, you can start calling; At this time, the paging zone will show the word "local calling", the called partition button will show the word "calling"; Press the "Stop" button to stop all the called zones.

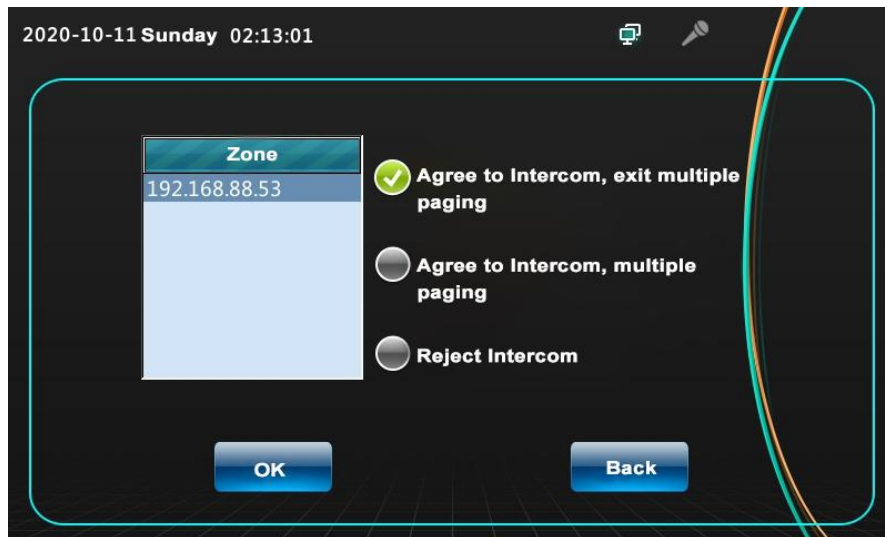
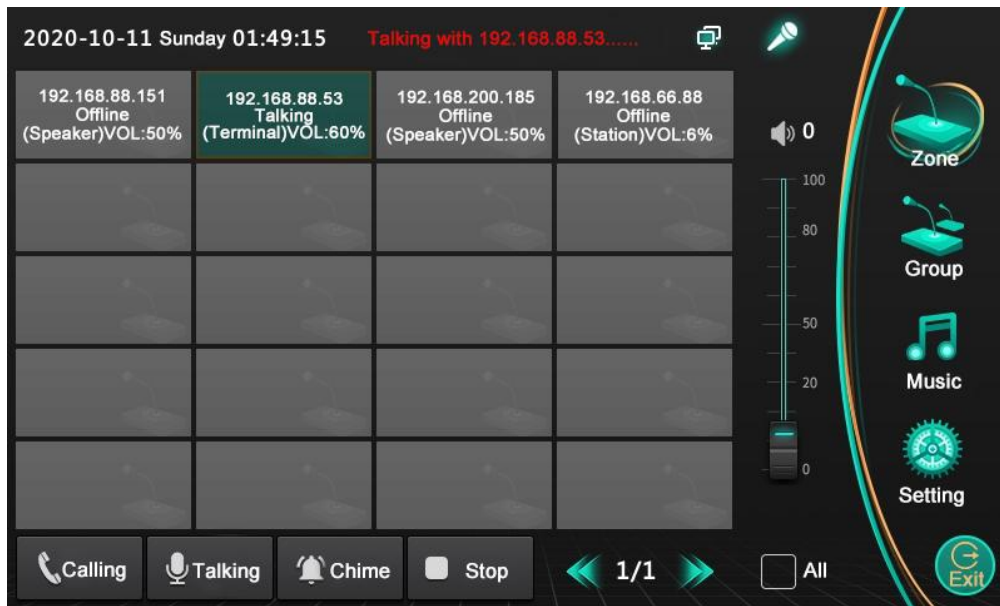


● **Zone Talking**

First touch the "zone" icon at the upper left corner, and then select the zone to talk; Next, touch the "Talk" button, the corresponding paging station will present the talk application interface, you can choose to agree to talk or refuse to talk; When the microphone light ring and microphone indicator automatically light up, and the indicator on the panel is blue, you can start talking; At this time, the zone will show the word "Talking"; To stop the zone talk, you need to select the group being talked to first.

Note:1. The paging station can only paging with the paging station and talk with the intercom panel!

2. Intercom is only limited to among zones, and no talk among groups!



Intercom Interface

4.2.5 Groups

- **Group Calling:** Touch the "Group Call" icon at the upper right corner, then select the group, and then touch the "paging" button; When the microphone ring and the microphone indicator light is automatically on, and the panel indicator is blue is blue, you can start paging; At this time, the paging group will display the word "working"; To stop group calling, you need to select the group being paged first.



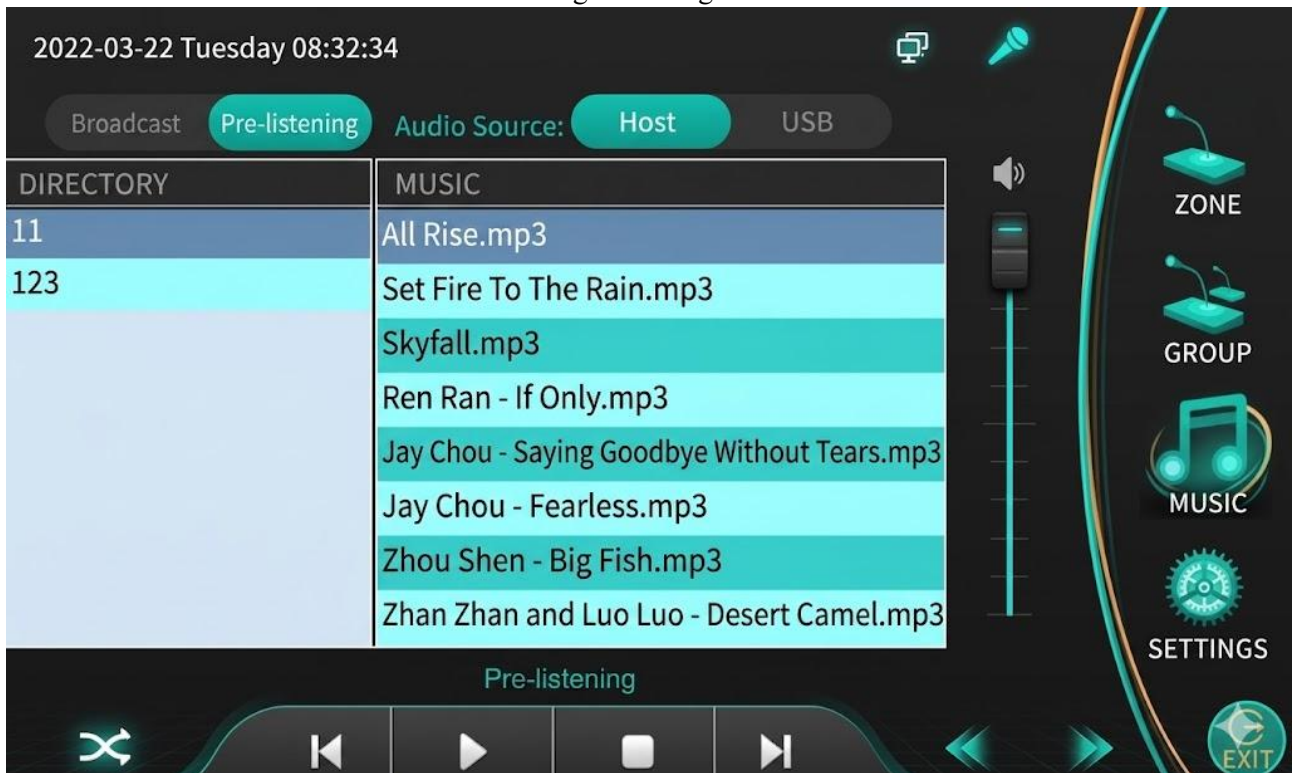
Group Calling Interface

4.2.6 Pre-listen a Program

This operation allows monitoring the built-in programs on the network host via the call station:

- In the first step, touch the "Pre-listen program" icon on the right side of the main interface to enter the player interface of pre-listened program, as shown below:









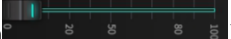







Pre-Listening Host Program Interface



Pre-Listening USB Disk Program Interface

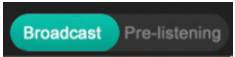
- In the picture above, when selecting the host as the audio source, the directory shown on the left part indicates the built-in programs on the network host and external audio sources connected to the host. When selecting the USB disk as the audio source, the directory shown on the left part indicates the

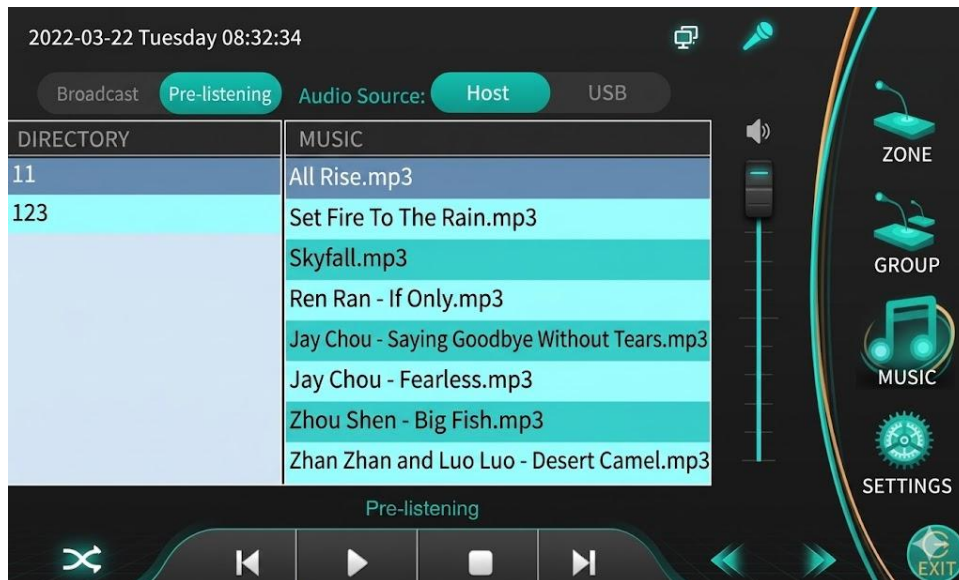
programs on the USBK disk, touch a directory (for instance, touch the directory “11”), the songs in such directory will be displayed on the right part. **Note: When switching audio sources, please operate in the idle state of the zone to avoid interrupting the broadcast!**

- : To switch from pre-listen to broadcast. This interface means that current status is pre-listening.
- : To switch from broadcast to pre-listen. This interface means that current status is broadcasting.
- Touch the song to be played and then touch the  button to start playing and touch the  button to stop the playing. Touch  and  button to play the previous or the next song.
- The "" and "" buttons on the right side of the song display box can switch between the previous and next page of song content currently displayed.
- Touch  button and drag the sliding indicator on the volume bar to increase/reduce the monitoring volume; the  icon on the interface means mute. The mute status can be canceled by touching the icon again.
- The  button is used to set up playing modes, and the user can touch this button to call the desired playing mode, as shown below:
 - : All songs in the selected director will be played in order.
 - : The selected song will be played in single loop mode.
 - : All songs in the selected directory will be played and broadcast.
 - : All songs in the selected directory will be played randomly.
 - : The selected song will be played for once and stops after the selected song is completed.
- Among all directories shown on the monitoring interface, "11" are built-in audio sources of the network host, and the "external audio sources" include external audio equipment connected to the host, such as a CD player or a MP3 player. If no external audio source device is connected to the network host, then no equipment output is displayed. Therefore, please make sure that an external audio device has been connected to the network host before selecting this directory.
- If the playback is successful, the interface will display "Pre-listening".

4.2.7 Zone Broadcast

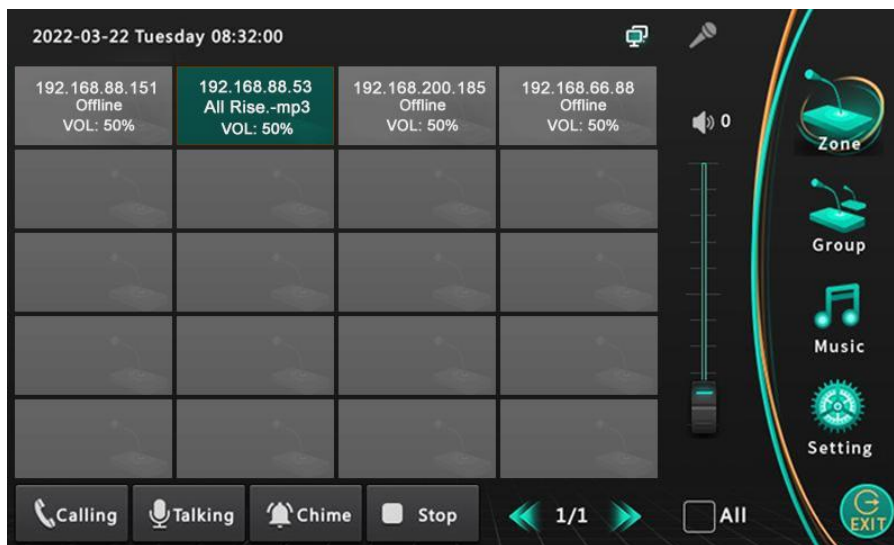
This operation is completed on the paging station.

- Firstly, touch  to enter broadcasting interface.



Zone Broadcast Control Interface

- Choose zone or group first before broadcasting (Click “Zone” or “Group” icon to do selections in following figure)



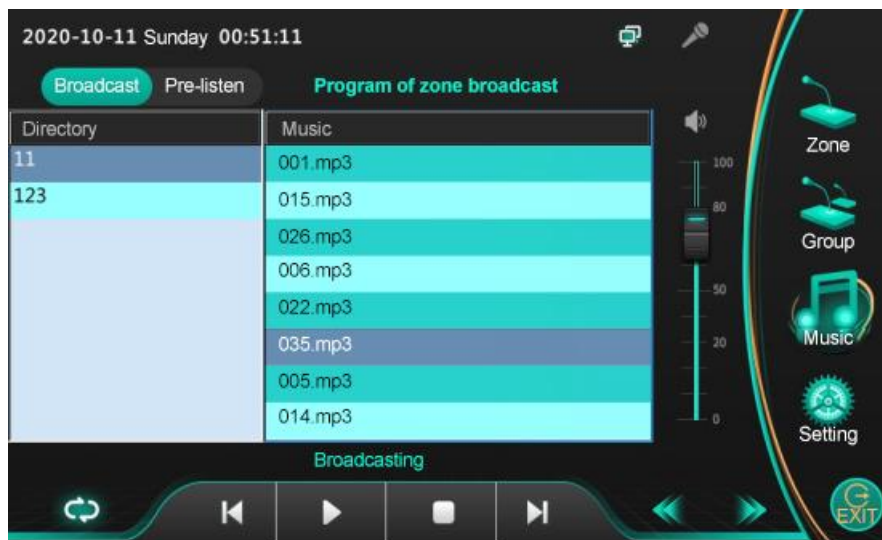
Music Interface

If no zone is selected you will see the following interface.



Zone Broadcast Interface

After selecting the zone or group, enter the song playback interface, the interface will be as follows

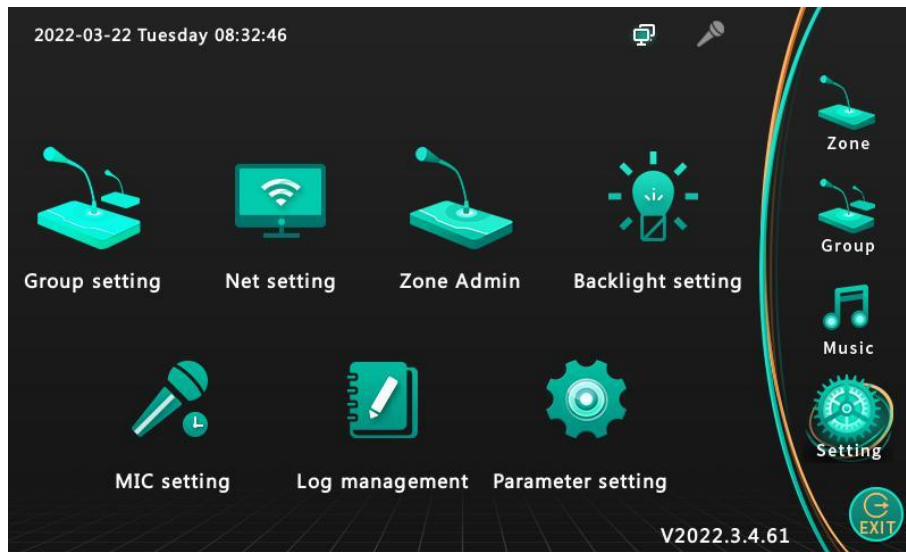


Zone Broadcast Interface

- In the picture above, when selecting the host as the audio source, the directory shown on the left part indicates the built-in programs on the network host and external audio sources connected to the host. When selecting the USB disk as the audio source, the directory shown on the left part indicates the programs on the USBK disk, touch a directory (for instance, touch the directory "11"), the songs in such directory will be displayed on the right part. Note: When switching audio sources, please operate in the idle state of the zone to avoid interrupting the broadcast!
- Touch the song to be played and then touch the  button to start playing and touch the  button to stop the playing. Touch  and  button to play the previous or the next song.
- The "" and "" buttons on the right side of the song display box can switch between the previous and next page of song content currently displayed.
- Touch  button and drag the sliding indicator on the volume bar to increase/reduce the monitoring volume; the  icon on the interface means mute. The mute status can be canceled by touching the icon again.
- The  button is used to set up playing modes, and the user can touch this button to call the desired playing mode, as shown below:
 - : All songs in the selected director will be played in order.
 - : The selected song will be played in single loop mode.
 - : All songs in the selected directory will be played and broadcast.
 - : All songs in the selected directory will be played randomly.
 - : The selected song will be played for once and stops after the selected song is completed.
- Among all directories shown on the monitoring interface, "11" are built-in audio sources of the network host, and the "external audio sources" include external audio equipment connected to the host, such as a CD player or a MP3 player. If no external audio source device is connected to the network host, then no equipment output is displayed. Therefore, please make sure that an external audio device has been connected to the network host before selecting this directory.
- If the playback is successful, the interface will display "Broadcasting".

4.3 System Setting

On the main interface, touch the "System Setup" icon to enter the system setup interface, which is as shown below:



System Setup Interface

The operation items on system setup interface include:

Group Setting: to group the zones;

Network Setting: to set an IP address and subnet masks for the current paging station;

Zone Management: Set zone display/hide

Backlight Setting: to set up the backlight on time for the current paging station;

Microphone Setting: to set up the time period to automatically shut off the microphone on the current paging station;

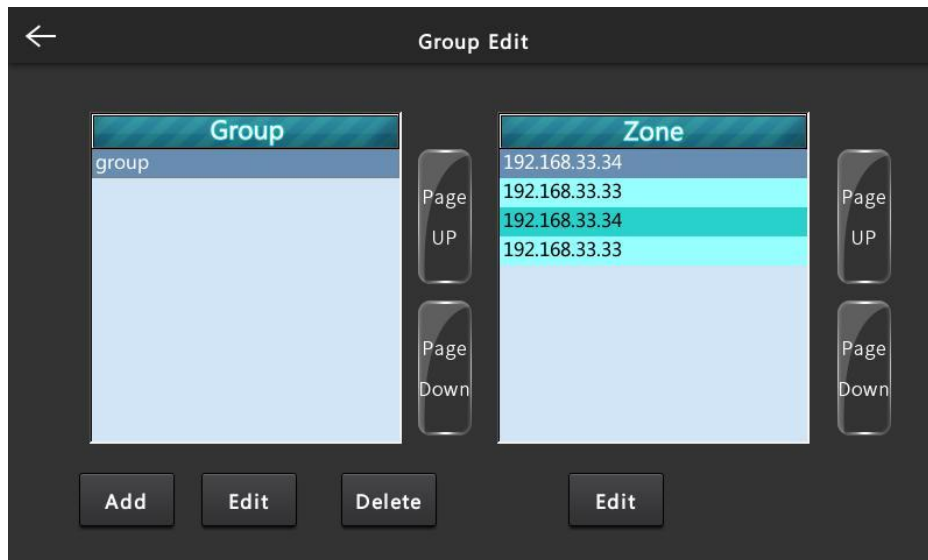
Log Management: to view and listen to the real-time audio log messages;

Screen Calibration: to calibrate the touch screen of the current paging station.






4.3.1 Group Setting

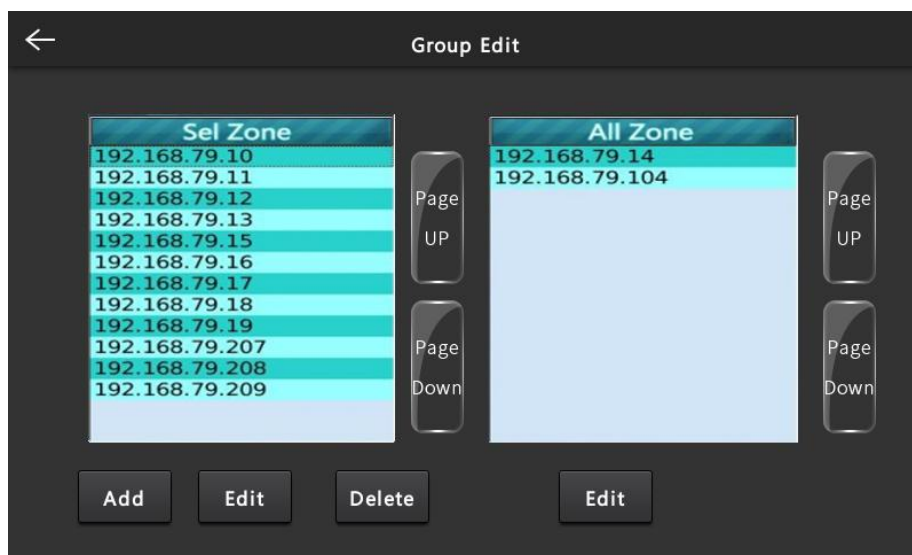
On the "System Setting" interface, touch the "Group Setting" icon to enter the group setup interface.

- The zone box is displayed on the right part of the interface and the group box is displayed on the left part. The editing and operating buttons are listed on the bottom of the boxes and to the right of the box, there are the selection buttons.
- Before the grouping operation, touch the "Add" button and enter the name of the group on the pop-up interface. Press the "Edit" button below the group box to modify the group name; press the "Delete" button to delete a group that has been edited.
- After the group name is set, select the desired group (the group name is highlighted, indicating that the group has been selected), then touch the "Edit" button under the zone box on the right part to enter the zone selection interface, which is as shown below.



Group Setting Interface

- On this interface, the selected group is listed and the zones may be allocated to such groups as desired. All zones are displayed in the box on the right part of the interface, where the user can select the zones to be added to the current group, and then touch the "Arrow" pointing to the left box, then the zone will be moved to the left box, which means that the zone has been added to such group.
 - On the zone allocation interface:
 - "   " button can be used to add or remove one single zone in the group;
 - "   " button can be used to add or remove all zones in the group;
 - "  " button can be used to return to the previous interface;
- "Page up/down" buttons can be used to switch to the previous page or the next page;



Zone Allocation Interface

- After the group setup is completed, touch the "Return" button to exit the setup interface.





4.3.2 Network Setting

On the "System Setting" interface, touch the "Network Setting" icon to enter the network setup interface of the current paging station. On this interface, the user can set up the IP address, subnet masks, gateway and server IP address for the current paging station.

- The user can touch the desired parameter and move the cursor to the parameter and then press the "DEL" button on the keyboard to delete the existing digits and input the desired digits; or otherwise, the user may touch and move the finger across the parameters to be modified and then press the "DEL" button on the keyboard to delete the existing digits and enter the new digits.
- After the setup is completed, the user should touch the "OK" button to confirm and exit the setup interface.

4.3.3 Zone Management

Enter the "System Setting" interface, touch the "Zone Management" icon to enter the corresponding interface.

-   icons to individually add or remove zones from the list;
 -   icons to entirely add or remove zones from the list;
- “Page up/down” buttons to switch between display/not display previous/next interface;



4.3.4 Backlight Time

On the "System Setting" interface, touch the "Backlight On Time" icon to enter the backlight on time setup interface of the current paging station.

- The user can touch the backlight on time value or the small circle before the Always on option, the small circle will be ticked and marked by highlighted "√", indicating that the option has been selected. If no operation is made for the selected backlight on time, the backlight of the screen will automatically turns off, which helps to save energy and to extend the service life of the screen.
- After the setup operation is completed, press the "OK" button to exit the setup interface, or touch the "Return" button to cancel the setup operation and exit the setup interface.

4.3.5 Microphone Setting

On the "System Setting" interface, touch the "Microphone Setting" button to enter the interface to set up the automatic off time of microphone.

- The user can touch the time value or the small circle before the Always on option, the small circle will be ticked and marked by highlighted "√", indicating that the option has been selected. If no signal in input to the microphone for the selected time period, then the microphone of the current paging station and the zone called will be automatically turned off.
- After the setup operation is completed, press the "OK" button to confirm and exit the setup interface, or otherwise, the user can touch the "Return" button to cancel the setup operation and exit the setup interface.

4.3.6 Log Management

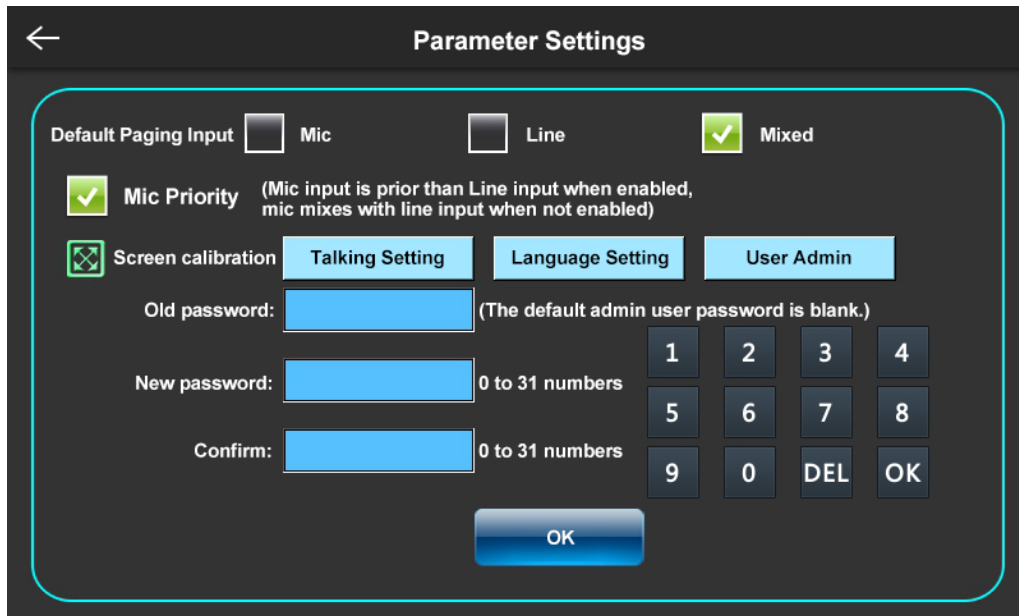
On the "System Setup" interface, touch the "Log Management" button to enter the audio records during the calling operation of the current paging station.

- The paging station will automatically record the calls and back up the log file on the network host.
- The audio records are named in time order and the last record is listed as the latest record.
- The user can listen to the log files on the current paging station.
- The button with "X" can be used to delete the audio records in the "Log files" list.
- The button with "↶" can be used to exit the log file management interface.

4.3.7 Parameter Settings

Enter the "system settings" interface, touch the "parameter settings" button to enter the corresponding interface:





Parameter Setting Interface


➤ **MIC as default paging input**

The default paging input of the paging station has three methods: microphone, line and mixed. Tick "microphone" in the box means the default microphone input of the paging station, tick "line" means the default line input of the paging station, and tick "mixed" means the microphone and line will be mixed inputs.

➤ **MIC Priority setting**

When the default paging input method is set to Mixed, you can set the microphone and line priority; “√” in the box indicates that MIC input is prior to line input; if no “√” in the box indicates mixed MIC and line input.

➤ **Screen Calibration**

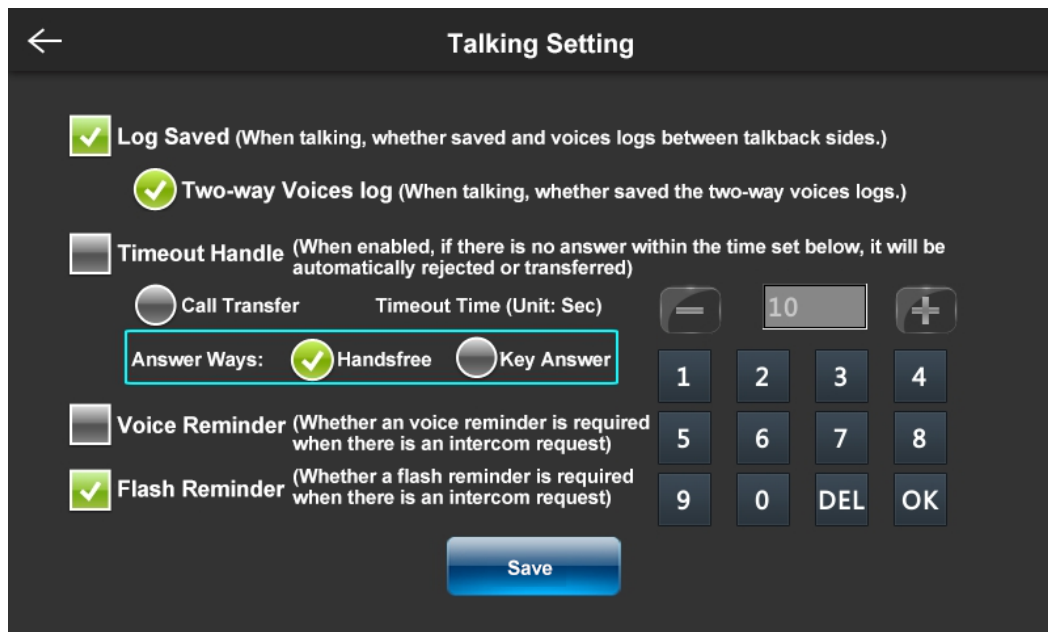
After the equipment is used for a certain period, due to the rise of temperature or other factors, the touch point is not precise and it may be hard to move the touch point to the desired operation item, at such time, the user needs to calibrate the touch screen by the following procedures: on the parameter setting interface, touch “” icon button in front of “screen calibration”, when it prompts “Do you need to calibrate the screen” and you click “Yes” button, the paging station system will restart and automatically complete the screen calibration.

➤ **Set the System login password**

The interface will be like the following when setting the system’s log-in password. Input the password on the right of the circle. "Original password" is set as blank. If the user set his own password, then the change of the password would require the password inputting. After you input the new password, touch “OK” and the new password will be in use.

➤ **Set intercom parameters**

Click “Talk Setting” in Parameter setting interface. Then you will enter the following interface.



Talking Setting Interface

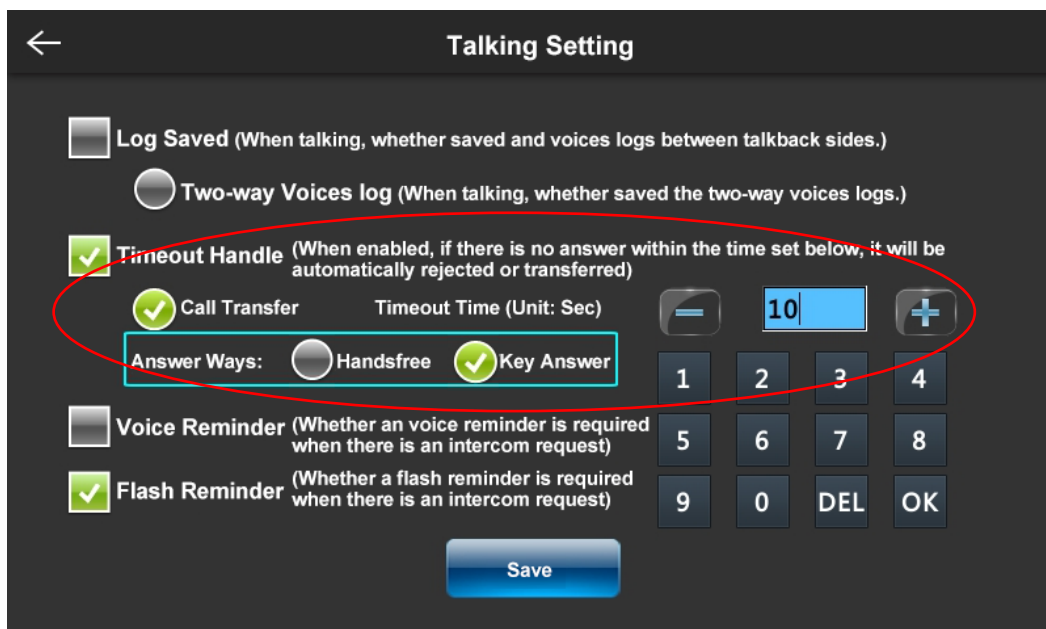
- Log Saved: when checked, your call will be recorded.
- Two-way Voices log: to record voice information of both sides.

Note: Intercom prompt: When there is an intercom request, the user is prompted to have an intercom access request.

- Voice reminder: Indicate by ring bells
- Flash reminder: Indicate by light flashing

➤ **Timeout handle**

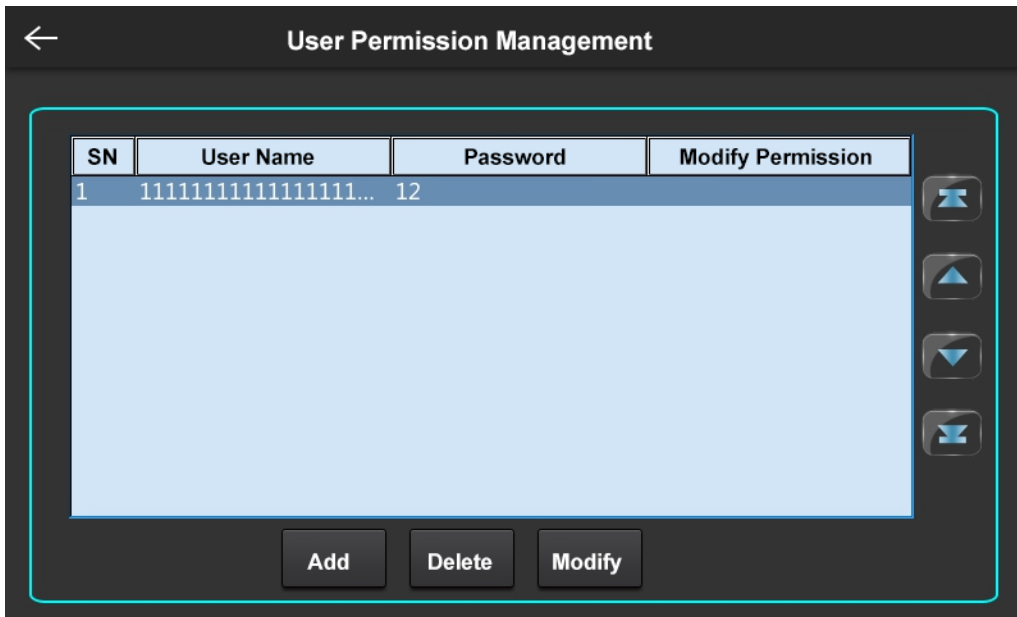
On the intercom setting interface, timeout handle can be achieved as follows:



Timeout Handle Setting Interface

- Call transfer: if there is no response within the time set below, it will automatically transfer to next paging station
- Timeout rejection: if call transfer is not enabled, it will reject calls when time is up

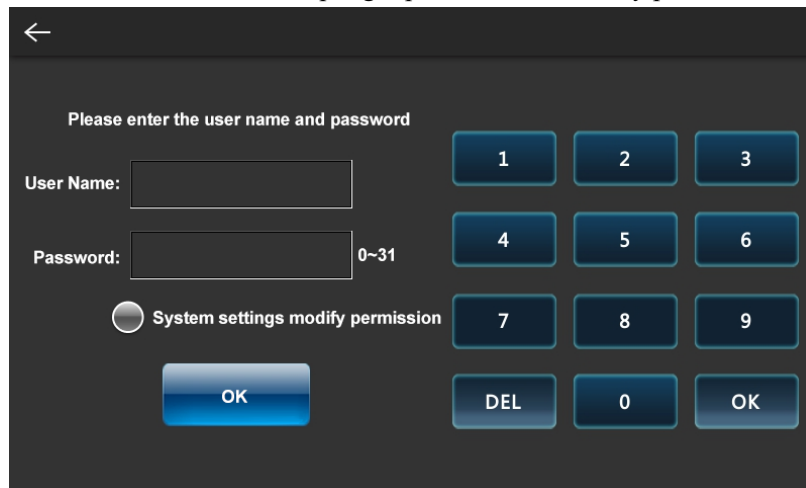
- Timeout time setting: click “OK” after changing time limit by keyboard on the interface
- **Set multi-user permissions**
 This paging station could be used by multiple users. Different users can specify which zones they can see and display, and they can specify whether the user has modify permissions for system parameters, managed by the administrator.



Multi-user Login Interface

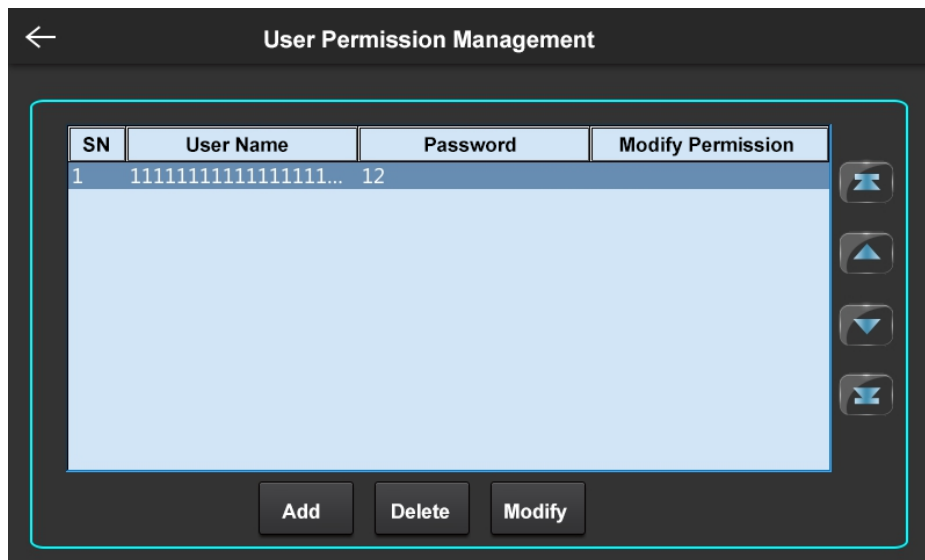
1) Administrator user could click "User Management" button in Parameter setting interface to add, delete and modify. The management of multiple user login password and modify permissions can also be set up. There is no "user management" button on the interface of ordinary users. If administrator wants to add this button, they can follow the steps below.

Step 1: Click “Add” to add new users and set up login password and modify permission.



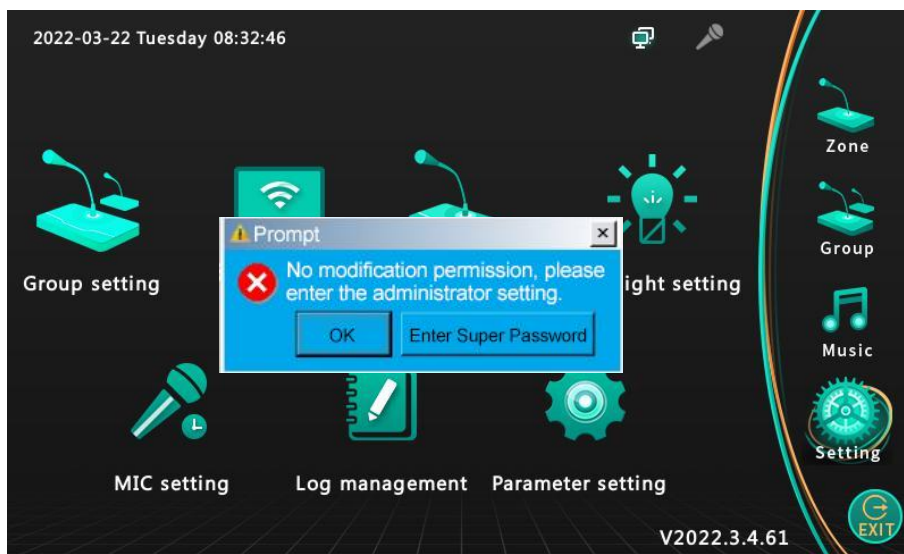
Multi-user Management Interface

Step2: As shown in picture below, different users could use their own password to log in.



User Management Interface

2) Different users can set the visible zones according to their actual needs. Administrators can assign the user modify permissions. if permissions are not assigned, the user can only set the parameters such as backlight time, microphone settings, log, etc., and cannot set parameters such as group settings, zone management, and Network settings.



System Setting Interface

Precautions

1. Safety precautions

- Please do NOT connect the power plug of this equipment to the power source before the system is properly connected.
- The user should make sure that the input voltage to this equipment agrees with the voltage requirements, otherwise, the equipment may be damaged.
- There is dangerous voltage in the equipment which can cause electric shocks, so do NOT remove the case without authorization in order to avoid electric shock.
- When the power switch of this equipment is "OFF", the equipment is not disconnected from the power source, therefore, for purposes of safety, the user should remove the plug from power socket when the equipment is not in use.
- Please do NOT place the equipment where it is too cold or too hot.
- The user should make sure the installation position is well ventilated, otherwise the heat generated during equipment operation may build up and damage the equipment.
- Please remove the plug from power socket during cloudy or humid weather or when the equipment is not in use for a long time.
- Please remove the plug from power socket before any component is removed or re-installed or any equipment is disconnected or re-connected, so as to ensure that the equipment is completely disconnected from the power source.
- When any fault occurs, please do NOT remove the case for repair without authorization, in order to avoid accident or further damages.
- Please do NOT place any corrosive chemicals on or near the equipment.

2. After-sales services

- Our Company provides a three-year warranty (including free replacement of damaged parts) against any fault occurring under normal use in accordance with this User Manual as from the purchase date.
- In such cases, the user must provide the user's page of the Warranty Card and the purchase invoice of such product.
- The following will be expressly excluded from the warranty:
 - (1) Product damage due to improper installation, use or handling;
 - (2) Product damages due to abnormal conditions (such as over-voltage or excessive ambient humidity);
 - (3) Product damages due to an Act of God or accidents;
 - (4) Product serial number is changed, altered or removed;
 - (5) Product is repaired or modified by unauthorized person.
- Please keep the User Manual and Warranty Card in good custody.
- For information about matters not covered in this User Manual or for other matters needing attentions, please contact the dealers or visit our website.
- In case any fault occurs during the warranty period, please contact the service personnel of our company (or the dealer), our company will not be responsible for any and all damages caused by unauthorized disassembly or repair by unauthorized personnel.

Packing list

No.	List	Quantity
1	CNS6588	1
2	Microphone rod	1
3	SY535 cable /3 m/8 core network cable	1
4	Microphone head	1
5	User Manual	1
6	SY542 cable/1.5 m/Audio cable	1
7	Power adapter	1
8	4P green interface, 3.81mm interface	2

Performance Specification

Specification	Parameter
AUX OUT Rated Output Voltage	1.0±0.2V
NET OUT Rated Output Voltage	
MIC input sensitivity (1V output)	50±10mV
MIC distortion (1kHz/1V)	MIC: ≤0.3%
Effective frequency of MIC gain limit (±3dB)	100-16000Hz
MIC Signal to Noise Ratio (30K lowpass)	≥68dB
MIC dynamic range	≥20dB
AUX input sensitivity (1V output)	300±50mV
AUX distortion (1kHz/1V)	AUX≤0.3%
AUX Signal to Noise Ratio (30K lowpass)	≥68dB
Effective frequency of AUX gain limit (±3dB)	50-18000Hz
AUX dynamic range	≥20dB
Effective frequency of monitoring (intercom voice)	80-16000 Hz
Monitoring SNR (intercom voice)	≥65dB
Working voltage	DC+14V
Standby power consumption	7.3W
Power supply	AC220V/50Hz
Overall power consumption	9.5W
Package dimensions (L×W×H mm)	415×280×121mm
Machine dimensions (L×W×H mm)	300×160×56mm
Gross weight	2.5kg
Net Weight	1.8kg

Caution

- The device is not completely disconnected from power source when it is switched "OFF". For sake of safety, please disconnect the device from the socket if it is not in use.
- Please keep this device off water drops or splash or vase filled with water or any other articles of similar nature.
- Please do NOT remove the cover of the equipment, otherwise you may get an electric shock. Where necessary, repair to the equipment should be conducted by qualified professionals.
- All terminals on the device marked with ⚡ are live and dangerous, and should be connected by trained personnel.
- This is connected to power source via the plug and any failure or danger occurs, the user can disconnect the device from power source by pulling out the plug out from the socket, therefore, it is required that the power socket should be located somewhere with easy access.