WEP5590

Portable Mobile Emergency PA System

Description

The portable mobile emergency public address system is a portable mobile emergency response system that operates under the conditions of natural disasters, emergencies, communication disruptions, emergency command, evacuation drills, and emergency rescue, as well as the paralysis of existing local resource facilities, and an integral emergency device for the campus to provide good safety protection, efficient voice guidance, evacuation, drills, and rescue lights, and improve safety and security capabilities.

The system is in line with the Acceptance Standard of Equipment and Devices for Guangdong Campus Emergency Evacuation and Safety Evacuation Drill Standardized Units, effectively enhancing the overall level of campus emergency evacuation and safety evacuation drills, and strengthening the safety awareness and emergency evacuation ability of teachers and students.

Features

- Adopt new portable mobile design.
- Transmit sound over a long distance with high intelligibility.
- Support wired and wireless microphones.
- Support FM broadcast function.
- With two-way radio calling function.
- With built-in DC24V tri-element lithium battery.

- With built-in TF card for emergency audio storage.
- Can play recordings and MP3/WAV audio files stored on a USB flash drive.
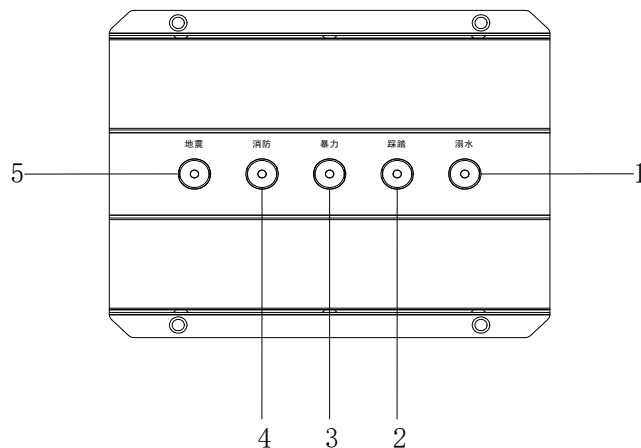- Support live recording function for easy event recording and tracing.

Specifications

Model	WEP5590 Portable Mobile Emergency PA System	
Name	Alarm Panel	Host Panel
Input Sensitivity (Wireless Microphone)	25mV	——
Input Sensitivity (MIC)	——	50mV (±5)
Receiving Sensitivity (FM) (Wireless Microphone)	-95dB	
Input Sensitivity (USB)	——	-10dB
Input Sensitivity (Bluetooth)	——	-10dB
Balanced Audio Output	1000mV (±100)	1000mV (±100)
Frequency Response	200Hz-8kHz (±3dB)	400Hz-8kHz (±3dB)
Distortion	≤1%	≤1%
FM Frequency	87-108 MHz	87-108 MHz
Frequency	410.37-425.37MHz	——
Maximum Output Level	1000mV (±100)	24.8V
Two-Way Radio Transmission Distance	1km (open area)	——
Power Supply	24V	24V
Gross Weight	22KG	
Net Weight	15KG	
Machine Dimensions	435×230×540mm	
Package Dimensions	770×660×380mm	

Front / Rear Panel
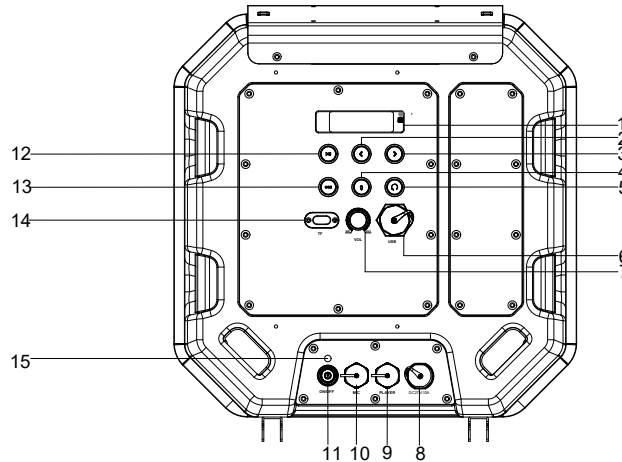
Portable Campus Emergency PA System_Alarm Panel

The alarm panel holds 5 alarm buttons for earthquake, fire, violence, stampede, and drowning, which can quickly broadcast the corresponding prompt tone and alarm tone with one key.

1 Drowning alarm button   2 Stampede alarm button   3 Violence alarm button
4 Fire alarm button   5 Earthquake alarm button

Portable Campus Emergency PA System_Host Panel

The sound coverage area can be up to 1.5 km (in open areas), which can be effectively applied to different places. The host has 5 priority levels and the priority audio playback order: Handheld Microphone > Handheld Wireless Microphone = Handheld Two-Way Radio > Emergency Source (Earthquake, Violence, etc.) > Recording Playback > USB=BT=FM).

1．**Display Screen**

　　Display the mode playback status and operating status.

　　Note: When it displays (AMP PORTECT!), it indicates DC or short circuit protection.

2．**Previous Song/Channel**

➢ **In USB and Bluetooth modes:**Short press the button to switch to the previous track, and press and hold the button to adjust volume, which can be adjusted within 5 seconds. If you short press the button within the 5s, you will have 5s more to adjust the volume. If you press another button, you will exit the process, and this button is only used to decrease the volume.

➢ **In FM mode:**When "F" is displayed in the upper right corner, the channel is decreased by 0.1M; when "C" is displayed in the upper right corner, the favorite channel is decreased by 1 channel, and press and hold the button to decrease the volume.

➢ **When setting up the handheld wireless microphone and two-way radio interface:**You can switch to the previous channel.

3．**Next Song/Channel**

➢ **In USB and Bluetooth modes:**Short press the button to switch to the next track, and press and hold the button to adjust volume, which can be adjusted within 5 seconds. If you short press the button within the 5s, you will have 5s more to adjust the volume. If you press another button, you will exit the process, and this button is only used to increase the volume.

　　In FM mode: When "F" is displayed in the upper right corner, the channel is increased by 0.1M; when "C" is displayed in the upper right corner, the favorite channel is increased by 1 channel, and press and hold the button to increase the volume.

　　When setting up the handheld wireless microphone and two-way radio interface: You can switch to the next channel.

4．**Button/Screen Backlight Switch**

　　When using it at night, press the button to turn on the button/screen backlight, and the button light is normally green, and press it again to turn off the backlight. (Note: It is on by default.)

5．**Play Mode Switching Button**

➢ At the FM current frequency, short press the button to toggle F/C.

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➢ When entering the wireless microphone interface, tap the button to set pilot mode, "New" for a new mode, and "Old" for an old mode, which can be switched freely.

➢ In USB mode, you can switch play modes among all loop (ALL), random play (RAN), and single cycle (ONE).

6．USB Port

Support USB2.0 and USB flash drive with a capacity of up to 32G with good compatibility.

7．Volume Knob

Turn clockwise to increase the volume, counterclockwise to decrease the volume.

8．Power Input Port

9．Alarm Panel Connector

10．Handheld Microphone Jack

11．Power Switch

12．Play/Pause Button

➢ In USB and Bluetooth modes, it is used for Pause/Play control.

➢ At the FM current frequency, press and hold the button to favorite/unfavorite the channel.

➢ When setting up the wireless microphone interface, short press the button for frequency pairing.
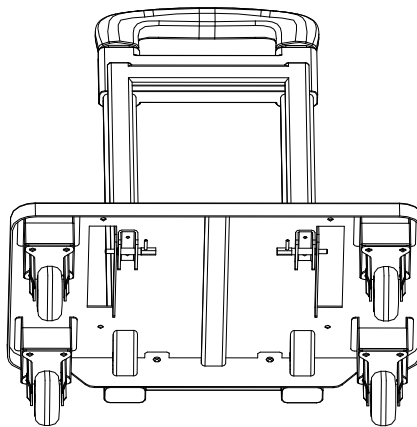
13．MODE Button

➢ Short press the button to toggle play modes among USB, Bluetooth, and FM modes.

➢ Press and hold the button to access the handheld microphone interface and wireless microphone settings interface.

14．TF Card
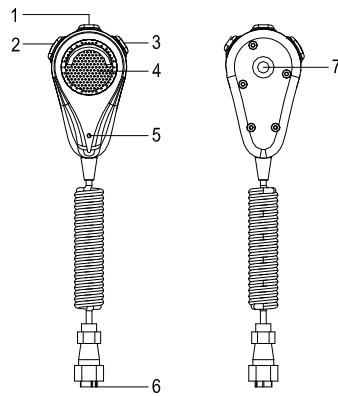
15．Charging Indicator

Trolley

The portable mobile emergency public address system can be moved freely with a trolley.

Handheld Microphone

The handheld microphone is used for calling, and recording, storing and playing recordings, and the microphone stores only one recording at a time.

1. REC Button
2. PTT Button
3. PLAY Button

1. REC Record Button

Because of the built-in anti-howling module, press and hold the black PPT button + the green REC button at the same time and wait for 3 seconds before recording. When recording, you need to insert a USB flash drive, and when it ends, press and hold the button for 3 seconds to end the recording, otherwise the recording will be incomplete.

2. PTT Black Microphone Button

Press the button to make a call to the microphone.

3. PIAY Play Recording Button

Press the button to play the recorded voice.
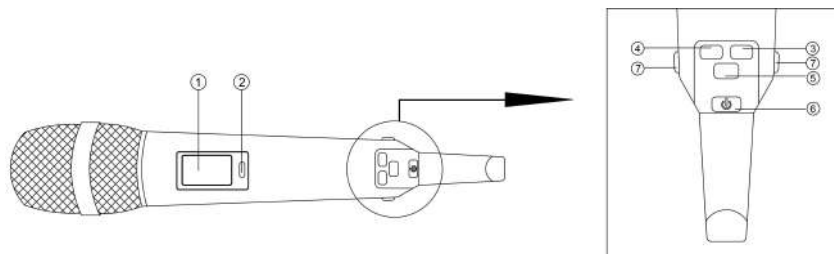
4. Microphone Pickup Window

5. Recording Indicator

The indicator LED is normally on when recording voice.

6. Microphone Jack (connected to the point 10 of 2.2.2 appearance description)

7. Mounting Bracket

Handheld Wireless Microphone

1. Display Screen (to display the channel frequency, signal channel and battery power)

2. IR Frequency Pairing Point: Used with the "SET" button of the receiver to transmit the channel parameters to the transmitter.)

3. UP Button (to set the volume level, switch between high and low power, and lock switch)

4. DOWN Button (to set the volume level, switch between high and low power, and lock switch)

5. Menu Button (to switch the volume VOLO5, enhance PA reception, and LOCK three function interfaces. Press the UP or DOWN button in the current screen to adjust the parameters of the current function.)

6. POWER Button (in OFF state, press once to turn it on; in ON state, press and hold for 3 seconds to turn it off.)

7. Battery Compartment Snap Button (hold the buttons on both sides at the same time with your left hand, and slightly pull the bottom of the microphone with your right hand to pull out the battery compartment.)