POE6463

Network Indoor Speaker

Description

POE6463 networked speaker is a networked all-digital analog-digital signal conversion processor with high fidelity speaker based on TCP/IP transmission protocol, so as to realize modern network playback terminal with the overall design of the processor and sound box. The remote audio data stream can output the audio signal through the machine, and directly send sound from the sound box with intelligent control of the host machine; MP3 program can be played when the network audio stream signal is not played; a-way auxiliary audio input interface is used to connect other audio source device (such as DVD), and a way auxiliary audio output interface is used to connect other power amplifiers, so as to expand the power.

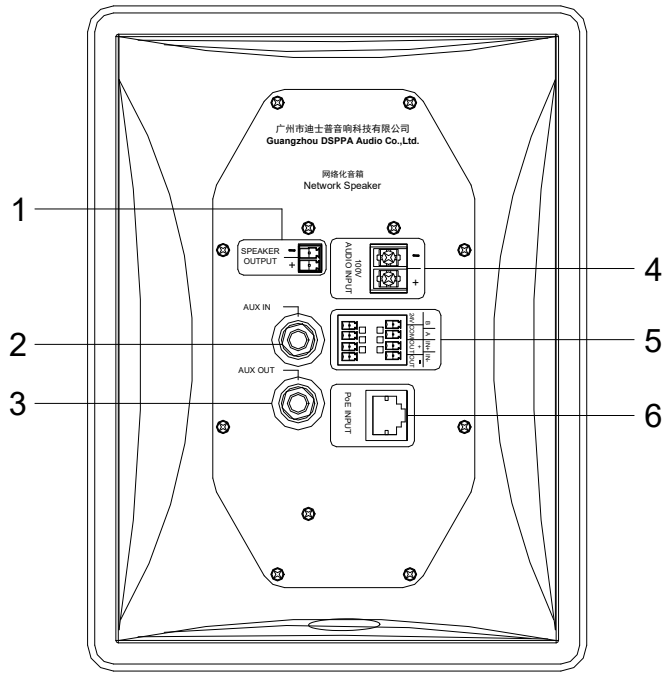
Features

- It can be coupled at any place with access to network.
- It has MP3 decoding play function.
- It supports maximum 48kHz sampling rate 16bit digital audio bit stream decoding.
- The rated output power of the main speaker is 15W when the output of the built-in amplifier is not connected to a sub speaker, and the rated output power of the main and sub speakers is 2*8W when connected to a sub speaker.
- It can play the background music, emergency paging, and alarm signal and so on from the system host machine.
- It has a way auxiliary audio input interface, a way auxiliary audio output port, a way EMC emergency output port and 1-way short circuit output, as well as 1-way MIC input.
- The local output volume and local playing state are controllable.
- Signal state LED indication, working state and information change digital display.
- It can be controlled by the infrared remote controller.
- Provide a complete interface that complies with the IEEE 802.3af/at standard of the Power over Ethernet (PoE) system.

Specifications

Model		POE6463
Speaker Driver		6.5"×1, 1"×1
MAX. SPL		102±2dB
Sensitivity		90±2dB
Frequency Response		85Hz-20KHz
AUX IN	Input sensitivity	320mV
	Frequency response	40Hz-20kHz(±3dB)
	Distortion	≤1%
	Signal-to-noise ratio	≥75 dB
AUX OUT	Rated Output	1V
	Frequency response	25Hz-20kHz(±3dB)
	Distortion	≤1%
	Signal-to-noise ratio	≥75 dB
USB/SD /NET/MP3	Frequency response	40Hz-20kHz(±3dB)
	Distortion	≤1%
	Signal-to-noise ratio	≥70dB
100V Audio Output	Rated input power	30W
Maximum Output Power of Built-in Amplifier	Connected to a sub speaker	8W*2/8Ω
	Not connected to a sub speaker	15W/8Ω
Maximum Harmonic Distortion of Built-in Amplifier		1%
Display Screen		Digital screen
Package Size (L×W×H mm)		590×275×390
Machine Size (L×W×H mm)		310×215×200
Gross Weight		11.5kg
Net Weight		4.55kg

Rear Panel



1 Amplifier Output Port (Speaker)

The output port is a sub speaker port, used to connect 1 constant-resistant (8Ω) speaker. When the port is not connected to a sub speaker, the rated output power of the main speaker is 15W (RMS), and the rated output power of the main and speakers is 2*8W (RMS).

2 Auxiliary Input Interface (AUX IN)

Expand the local audio input, which can be connected to local DVA/radio, etc.

3 Auxiliary Output Port (AUX OUT)

Connected to a high-power amplifier to expand the power of the terminal.

4 100V Audio Input Port

Connected to the 100V audio signal of the amplifier of the third-party system.

5 Color Screen On-demand Terminal Connection Port

Connect the color screen on-demand terminal with an 8-pin network cable. Please refer to the user manual of the on-demand terminal for its connection instructions.

6 PoE Power Supply Port

Connect IEEE 802.3 at certified standard PoE switch with a CAT5 or CAT5e cable within 100m in length to provide power and network data for the machine.

Remote Controller

Remote Control structure is shown on the right:

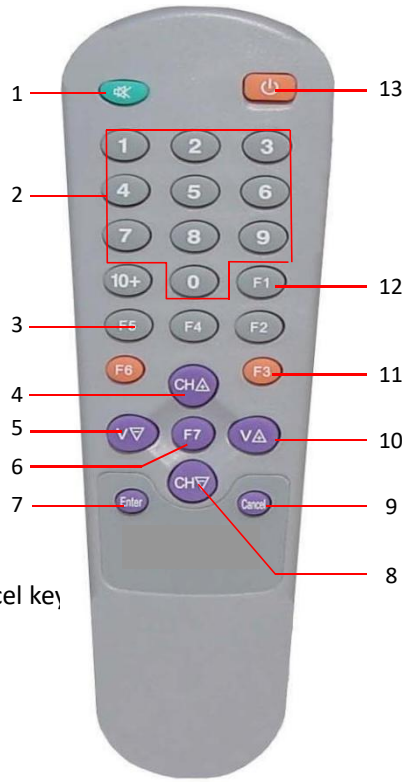


Figure (1)

1. Muting button.

2. Number button:

Set parameters for IP address.

3. F5:

Press F5 to start/ stop when plugging in USB Flash Drive.

4. Last song selection button:

CH+ for selection of the last of the current programme.

5. Volume decrease button:

V- for decrease of the output volume of the terminal.

6. F7:Play/ Pause button:

Press the button repeatedly to switch between on-demand and pause.

7. Enter Key:

Press Enter button in the idle state to adjust the output.

Bass component (0 to 15 cycles), in other states, press Enter button as the cancel key

8. Next song selection button:

CH- for selection of the next of the current programme.

9. Cancel button:

Press Cancel button in the idle state to adjust the output.

Treble component (0 to 15 cycles), in other states, press Cancel button as the cancel key.

10. Volume increase button:

V+ for increase of the output volume of the terminal.

11. F3:

IP address access/ alter button. First press to access into it, the second press on CH+/CH- to select the parameters, another press F3 into setting, and press Enter button to preserve after altering, otherwise in valid. Press Cancel button to drop out without saving.

12. F1:Volume setting button:

Select the sound source requiring for alteration. Press V+ and V- to alter after selection. (AUX1 is auxiliary input, MIC1 is microphone input, and MP3 is network sound source or USB Flash Drive)

13. Sleep button