

GEN-4502

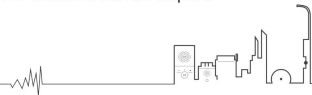
6-Zones Mixer Amplifier



SPON 6-Zones Combined Amplifier GEN-4501 provides multiple external audio interface to meet the Mosque application scenarios. Integrated with pre-amplifier function, bass and treble controls are provided to adjust the sound effect and volume of each audio channel. Automatic cooling system ensures the extreme quiet sound system.

MAIN FUNCTIONS

- 1.Utilizes an advanced and efficient power amplification circuit with 3 microphone inputs, 2 line inputs, and 1 auxiliary output.
- 2.Features fixed resistance and voltage outputs, with voltage outputs set at 70V/100V and resistance outputs ranging from 4-16Ω.
- 3.Each channel's volume can be independently adjusted, with additional high and low tone adjustment.
- 4.Microphone 1 and fire alarm have the highest priority, automatically suppressing other input signals. They can also be mixed with other signals. Microphone 2 and other line inputs are mixed for output.
- 5.Includes signal, peak, and overload indicators. Normal indication for protection lights when there is heavy load, high temperature, output short circuit, or DC output.
- 6.Integrated with a screen displaying an MP3 decoding player for clear visibility. Additionally, it includes FM radio and Bluetooth functionalities, catering to diverse venue requirements. Comes with a remote control for customer convenience.
- 7.Features 6 independent zone outputs, with individual volume control for each zone.
- 8.Includes 3 built-in fire alarm functions for fire alert, general alarm, and notification sounds. Alarms can be triggered automatically or manually controlled.
- 9.Supports short circuit-triggered alarms (0V) and also accepts different voltage inputs such as 3.3V, 5V, 12V, 24V, triggering alarms for the power amplifier.
- 10.Contains 8MB internal memory, supports USB online updates for FLASH. Content can be copied as desired, with unlimited erase, read, and write cycles.



SPECIFICATION

Power Parameters

Power Supply: AC 220V~240V, 50Hz/60Hz

Rated Output: 60W/120W/240W

Output Impedance: 4~16 Ω Unbalanced

Output Voltage: 70V, 100V

Audio Parameters

Aux Output: 500mV~1000mV

Aux Input: 500mV

Frequency Response: 80Hz~16KHz

Distortion: <0.1% at 1KHz, 1/3 rated power

SNR: 78dB (Aux1)

Mechanical&Environment Properties

Mounting Method: 2U Rack-Mounted

Installation Environment: Dry Indoor Locations Only

Operating Temperature: -10°C ~ +50°C (14°F ~ 122°F)

Operating Humidity: ≤90% RH non-condensing

Protection: Short-Circuit Protection, Overload Protection

Product Dimensions: 485x360x88mm

Product Warranty: 2 Years Limited

Accessories

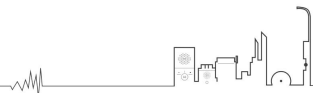
1×Amplifier

2×Hanging Ear

1×Quick Installation Guide

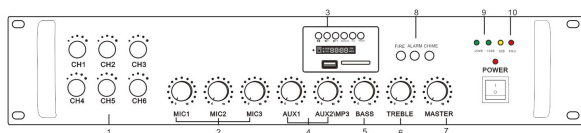
1×Quality Certificate&Warranty Card

1×Power Cord



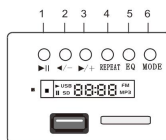
INTERFACE DESCRIPTION

[Front Panel]



- ① 6 Zones Output Volume Adjustment Knob
- ② Mic 1 & Mic 2 & Mic 3 Volume Adjustment Knob
- ③ MP3 Module
- ④ Aux 1 & Aux2/MP3 Volume Adjustment Knob
- ⑤ Bass Adjustment Knob
- ⑥ Treble Adjustment Knob
- ⑦ Master Volume Adjustment Knob
- ⑧ Fire/Alarm/Chime Button
- ⑨ Signal Indicator Light
- ⑩ Protection Indicator Light

[Control Panel]

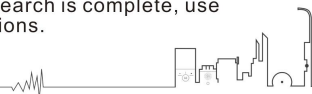


- ① Play/Pause button
- ② Previous track, long press for volume decrease
- ③ Next track, long press for volume increase
- ④ Single track loop, all tracks loop
- ⑤ EQ modes: Multiple modes available
- ⑥ Switch between USB drive, Bluetooth, and radio input modes

USB/SD Card Mode: Plug and play for USB drive.

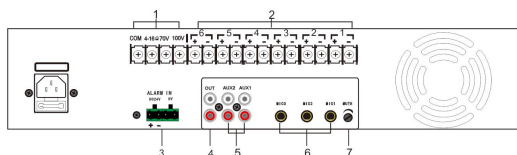
Bluetooth Mode: Select MODE, choose Bluetooth, turn on your phone's Bluetooth, search for the BT Bluetooth name, pair and connect. Once connected, navigate to your phone's media library to start playback.

Radio Mode: Select MODE, choose the radio mode, press the play/pause button, and it will automatically search for stations. After the station search is complete, use the previous track or next track buttons to select and play stations.



INTERFACE DESCRIPTION

[Rear Panel]



① 4-16Ω Output , 70V/100V Output

② 6 Zones Power Output

③ Alarm Input Port

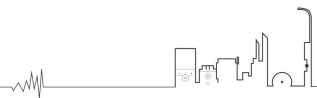
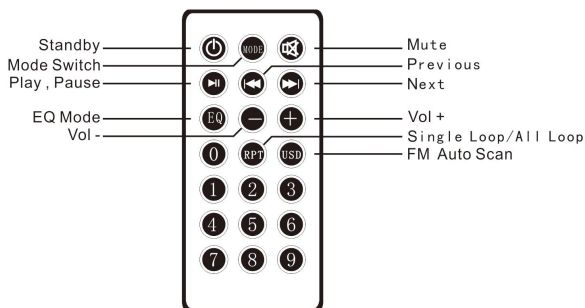
④ Line Output Port

⑤ Line 1 & Line 2 Input Port

⑥ Mic 1 & Mic 2 & Mic 3 Input Port

⑦ Mic 1 Mute Knob

[Remote Control]



CONNECTION DIAGRAM

