

GEN-4501

6-Zones Combined 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 exterme quite sound system. .

MAIN FUNCTIONS

Input and Output Flexibility:

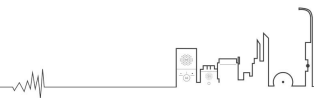
- Advanced power amplification circuitry.
- 2 microphone inputs, 3 line inputs, and 1 auxiliary output.
- Outputs: Constant resistance (4-160 ohms) and constant voltage (70V / 100V).

Audio Control and Enhancement:

- Independent volume control and bass/treble adjustments for each channel.
- Priority setup for Microphone 1.
- Microphone 2 and other line inputs are mixed for output.

Multimedia Integration and Safety Features:

- Built-in MP3 decoder, FM radio module, and Bluetooth for diverse program options.
- Remote control for customer convenience.
- Indicators: Signal, peak clipping, overload, and protection indicators.



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: -6dB

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

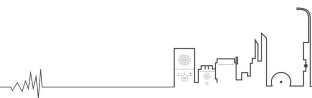
1×Amplifier

2×Hanging Ear

1×Quick Installation Guide

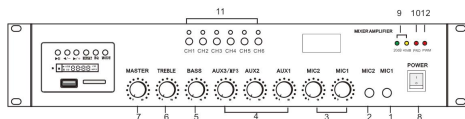
1×Quality Certificate&Warranty Card

1×Power Cord



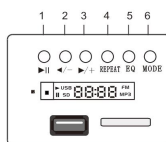
INTERFACE DESCRIPTION

[Front Panel]



- ① Mic 1 Input (Highest Priority)
- ② Mic 2 Input
- ③ Mic 1 & Mic 2 Volume Adjustment Knob
- ④ AUX 1 & AUX 2 & AUX 3/Mp3 Volume Adjustment Knob
- ⑤ Bass Adjustment Knob
- ⑥ Treble Adjustment Knob
- ⑦ Master Volume Adjustment Knob
- ⑧ Power Switch
- ⑨ Signal Indicator Light
- ⑩ Protection Indicator Light
- ⑪ Zone Control Button
- ⑫ Power Indicator Light

[Control Panel]

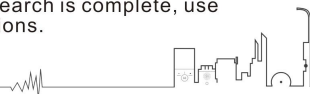


- ① Play/Pause button
- ② Previous track, long press for volume decrease
- ③ Next track, long press for volume increase
- ④ Single track loop, all tracks loop
- ⑤ EQ modes: Multiple modes available
- ⑥ Switch between USB drive, Bluetooth, and radio input modes

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

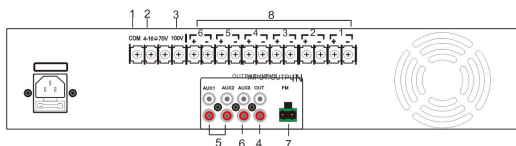
Bluetooth Mode: Select MODE, choose Bluetooth, turn on your phone's Bluetooth, search for the BT Bluetooth name, pair and connect. Once connected, navigate to your phone's media library to start playback.

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.



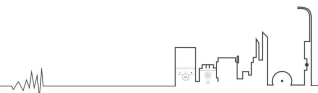
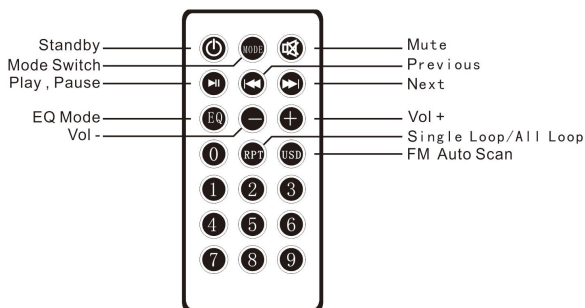
INTERFACE DESCRIPTION

[Rear Panel]



- ① COM Port
- ② 4-16Ω Output
- ③ 70V/100V Output
- ④ AUX Output Port
- ⑤ AUX 1& AUX 2 Input Port
- ⑥ AUX 3 Input Port
- ⑦ FM Connector

[Remote Control]



CONNECTION DIAGRAM

