

Mini60 2x30W Stereo Bluetooth Class D Amplifier



Features

- Stereo output 2*30W by two channels for 4 Ω-16Ω speakers
- Built-in MP3 with USB inputs and Bluetooth inputs
- The front mic with priority and muting function
- Support USB record function by mic or Aux inputs
- Mini Stereo Class D Amplifier with high efficiency
- LED display, digital volume control
- DC12- 24V power adapter and remote control included
- Aluminum-alloy casing, small volume and portable, robust and durable
- Ideal for small areas, such as shops, restaurants, school and office etc.

Specifications

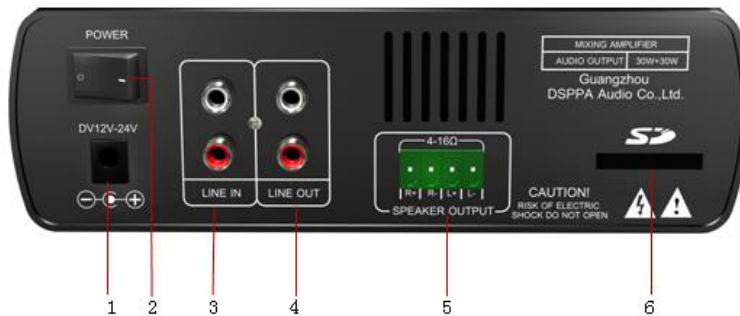
Item	Indicator	Remark
AUX input sensitivity (Input/Sensitivity)	-6dBV	OUT 30W×2
MIC input sensitivity (Input/Sensitivity)	-45dBV	
Power output (Power Output)	2×30W	
Static power consumption (Power)	0.24W	DC 20V
Maximum power consumption (Max Power)	90W	
Degree of distortion (Harmonic Distortion)	1%	4Ω/10W×2
Signal to noise ratio (S/N Ratio)	MIC: 73dB	AUX: 55dB
Range of power supply (Power Supply)	DC 12V~24V	
Frequency response (Frequency Response)	MIC: 100Hz~16kHz AUX: 20Hz~22kHz	±3dB
Unit size (L×W×H mm)	180×145×60	
Net Weight	0.8Kg	Without power adapter
Packing size (L×W×H mm)	287x223x108	
Gross Weight	1.0Kg	

2.1 Front Panel



- 1. USB interface**
It supports USB3.0, USB2.0 and the U-disk with the capacity less than 32G, with good compatibility.
- 2. Digital display screen**
It displays the status of the current mode.
- 3. Microphone input**
It is inserted into the microphone. The volume can be adjusted only under the mode of AUX.
- 4. REC recording key**
When switching over to the AUX (line input) mode and the U-disk/SD is available, press this key to record the signal from AUX or microphone, and then store in U-disk/SD (In the format of MP3); during the process of recording, press this key again to finish the voice recording.
- 5. MODE switching key**
Mode switching key. It is possible to switch over among the bluetooth playing mode (BLUE), U-disk playing mode (USB) and line input mode (AUX).
- 6. Previous song**
Under the U-disk mode and bluetooth playing mode, press the previous song key for a long term to select the increase of the treble equilibrium within the range of -5 to 0 to +5.
- 7. Next song**
Under the U-disk mode and bluetooth playing mode, press the next song key for a long term to select the increase of the bass equilibrium within the range of -5 to 0 to +5.
- 8. Increase of volume**
The master volume is increased by 0-32.
- 9. Decrease of volume**
The master volume is decreased by 0-32.
- 10. Play/pause key**

2.2 Rear Panel



1. Power input interface

DC12V~24V.

2. POWER supply switch

It is used to turn on or off the power supply.

3. LINE IN auxiliary input interface

It is used for input of the signal from external sound source. Stereo input.

4. LINE OUT auxiliary output interface

It is used to connect the external power amplifier input.

5. SPEAKER OUTPUT

The output terminal of the power amplifier. The system allows the connection of the 4Ω-16Ω loudspeakers but not those less than 4Ω, which will cause the overloading protection of the system. The loudspeaker may be connected to 6 DSPPA (8Ω) ceiling speakers in two groups to the maximum extent. Please see the description below for the connection mode.

6. SD interface

It is used to connect the external SD card with great capacity. When SD card is inserted, it will play automatically.

3.1 Connection



(The short circuit of the terminals between the left and right channels shall not be allowed; the output of the power amplifier is the bridging output; the negative output shall not be connected to the enclosure or grounded)