

# Mini60 2x30W Stereo Bluetooth Class D Amplifier



## Features

- Stereo output 2\*30W by two channels for 4  $\Omega$ -16 $\Omega$  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%	4 $\Omega$ /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)	287×223×108	
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

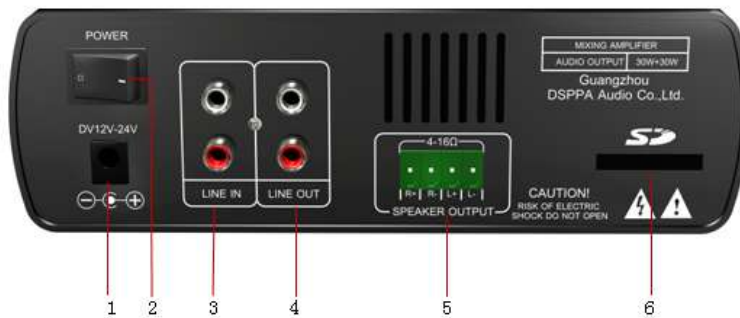
The master volume is increased by 0-32.

### 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)