

Mini60

2×30W Stereo Bluetooth Class D Amplifier



Description

MINI60 is a small acoustic amplification system featured by simplicity and high cost performance, and applicable to the small-sized broadcast system, the background music in the small-sized supermarket, and public address in the classroom. The system consists of the latest high-performance ARM core master control and high-efficiency energy-saving digital power amplifier circuit.

Features

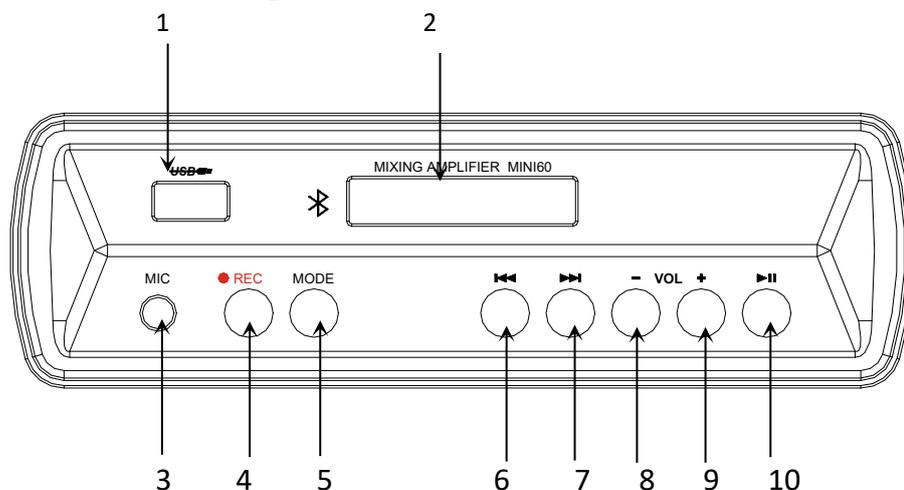
- Wireless Bluetooth playing.
- Voice recording function (AUX mode).
- Playing of USB/SD mobile storage media.
- One channel of stereo line input/output.
- External connection to 12-24V DC power supply.
- Aluminum-alloy casing, small volume and portable, robust and durable.
- The internationally acceptable phoenix socket is used for output in order to facilitate the construction of the audio engineering.
- High-performance and stable stereo digital power amplifier with the protection measures for overheating and overloaded output and short circuit.

Specifications

Model	Mini60
LINE input sensitivity	310mV

MIC input sensitivity	10mV
Frequency response	20~20kHz
Noise	2mV
Distortion	<1%
Rated voltage	20V
Rated output power	2×30W
Max power consumption	90W
Dimension	180×163×55mm(L×W×H)
Package size	297×223×108mm
Max packing size	608×458×338mm
Net weight	0.82kg
Gross weight	1.5kg

Front / Rear Panel



1. USB interface

It supports USB3.0, USB2.0 and the USB 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 USB disk/SD is available, press this key to record the signal from AUX or microphone, and then store in USB 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), USB disk playing mode (USB) and line input mode (AUX).

6. Previous song

Under the USB 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 USB 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.

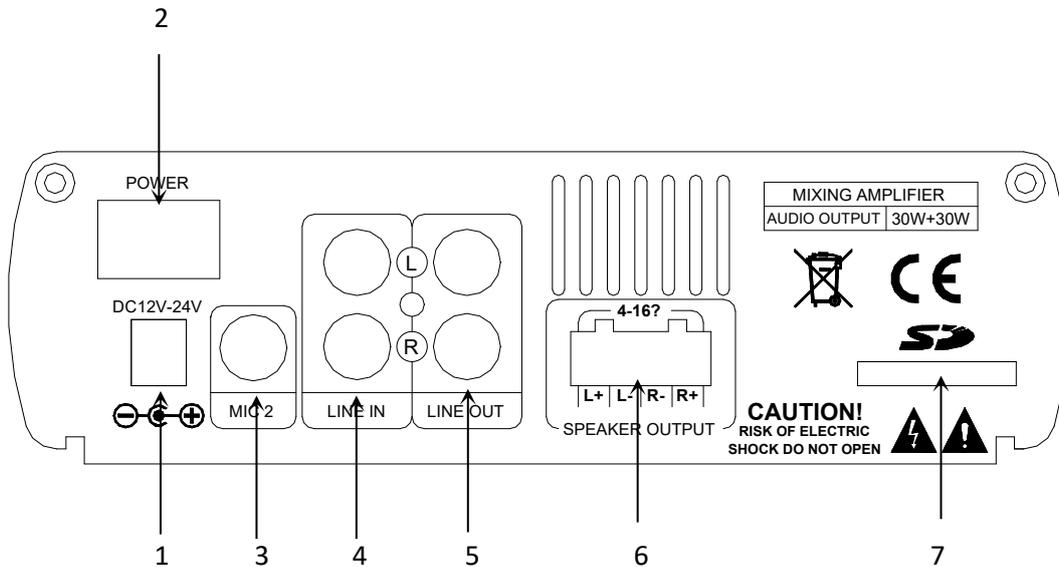
8. Increase of volume

The master volume is increased by 0-32.

9. Decrease of volume

The master volume is decreased by 0-32.

10. Play/pause key



1. Power input interface

DC12V~24V.

2. POWER supply switch

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

3. 6.35 MIC input interface

Connect with MIC.

4. LINE IN auxiliary output interface

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

5. LINE OUT auxiliary output interface

It is used to connect the external power amplifier input.

6. SPEAKER OUTPUT

The output terminal of the power amplifier. The system allows the connection of the 4Ω-16Ω loudspeakers. The loudspeaker may be connected to 8 DSPPA (8Ω) ceiling speakers in two groups to the maximum extent. Please see the description below for the connection mode.

7. SD interface

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