

MP250UB

Mini Digital Mixer Amplifier with USB/FM/Bluetooth



Description

This product is a 1.5U mini digital mixer amplifier with USB/FM/Bluetooth, with speaker output of 70V/100V & 4-16Ω optional. The product holds 2 AUX inputs and 1 AUX output. Also, it has 2 MIC inputs. The MIC 1 is a 6.3mm jack on the front panel and the MIC 2 is a XLR port on the rear panel. The phantom power is available in MIC 2. In addition, it provides individual volume control for each MIC and AUX, and has bass and treble control. What's more, it has 2 EMC signal inputs (100V/375mV) and 1 EMC output.

Features

- Built-in Bluetooth, radio and USB function.
- 2 MIC IN, 2 LINE IN, 1 LINE OUT.
- 2 EMC IN (100V/375mV), 1 EMC OUT.
- 100V or 70V constant voltage output, 4Ω~16 Ω constant resistance output.
- Support IR remote control.
- With priority function, priority is EMC/MIC1>AUX1/AUX2/MIC2.
- With master volume control, and individual volume control of MIC & LINE, as well as treble and bass volume control.

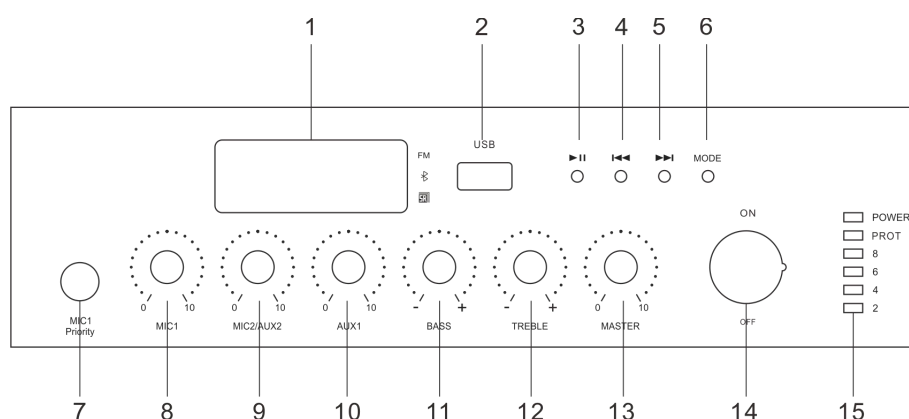
Specifications

| Model | MP250UB |
|------------------------|--|
| Power Supply | AC110-120V / AC220~240V 50/60Hz(Select via the switch) |
| MIC1 IN Sensitivity | 8mV±10% |
| MIC2 IN Sensitivity | 8mV±10% |
| AUX1 IN Sensitivity | 350mV±10% |
| AUX2 IN Sensitivity | 350mV±10% |
| EMC IN Sensitivity | 350mV±10% |
| MIC Frequency Response | 200Hz~10kHz (±3dB) |
| AUX Frequency Response | 100Hz~16kHz (±3dB) |

| | |
|---------------------------|------------------------------------|
| Noise | <10mV |
| Distortion | <1% 1KHz |
| Treble Adjustment | 10dB (±2) |
| Bass Adjustment | 10dB (±2) |
| Rated Output Power | 250W |
| Interface Output Voltage | 70V,100V(Constant voltage output). |
| Machine Dimension (D×W×H) | 250×230×66mm |
| Package Dimension | 363×292×106mm (1PC) |
| Maximum Package Dimension | 610×390×240mm (4PCS) |
| Net Weight | 3KG |
| Gross Weight | 3.7Kg (1PC) |

Front / Rear Panel

Front Panel



1. Display Screen

2. USB Interface

Insert a USB to provide programs to built-in MP3.

3. Play/Pause

In USB and Bluetooth mode, press this button to pause / play.

In FM mode, press this button to search the radio automatically.

4. Last Song/ (Last Radio in FM)

In USB/Bluetooth mode, press this button to switch to the “Last Song”.

In FM mode, press this button to switch to the “Last Radio”.

In FM/Bluetooth/USB mode, long press this button to turn down the volume.

5. Next Song/ (Next Radio in FM)

In USB/Bluetooth mode, press this button to switch to the “Next Song”.

In FM mode, press this button to switch to the “Next Radio”.

In FM/Bluetooth/USB mode, long press this button to turn up the volume.

6. Mode Button

It can switch to Bluetooth mode (BLUE), USB mode (USB), line input mode (AUX) and FM mode (FM).

7. MIC1 IN

This button has priority function. (Level with EMC IN on the rear panel)

8. MIC1 VOL.

Adjust the volume of MIC1, turn clockwise to turn up the volume, and turn counterclockwise to turn down the volume.

9. MIC2/AUX2 VOL.

Adjust the volume of MIC2/AUX2, turn clockwise to turn up the volume, and turn counterclockwise to turn down the

volume.

10. AUX1 VOL.

Adjust the volume of AUX1, turn clockwise to turn up the volume, and turn counterclockwise to turn down the volume.

11. BASS VOL.

Take the central position as the benchmark, turn counterclockwise to turn down the bass, and turn clockwise to turn up the bass.

12. TREBLE VOL.

Take the central position as the benchmark, turn counterclockwise to turn down the treble, and turn clockwise to turn up the treble.

13. MASTER VOL.

Adjust the level of all signals (except for EMC IN on the rear panel), turn clockwise to turn up the volume, and turn counterclockwise to turn down the volume.

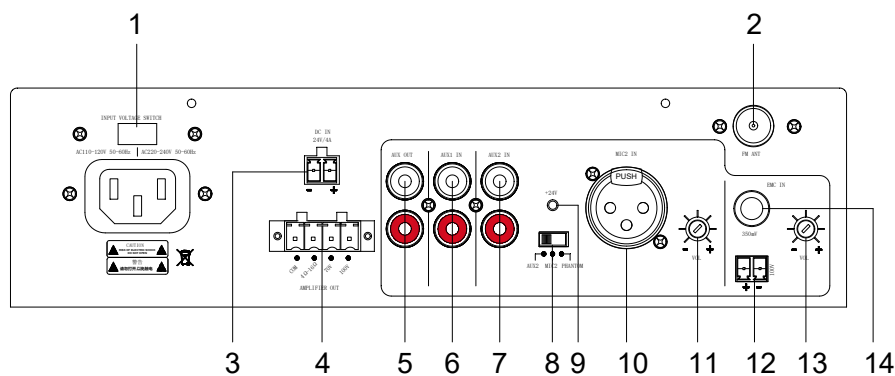
14. POWER

Press "ON" to turn on the power, while press "OFF" to turn off the power.

15. LEVEL LED

Display the audio output level.

Rear Panel



1. POWER IN (Can switch to 110-120V or 220-240V)

Connect working power. Insert the plug into the machine and then connect the power grid.

2. FM Antenna Interface

Connect the FM antenna.

3. DC24V Power Input

DC24V backup power input interface.

4. Audio Power Output Terminal

Note: No terminal can be connected to the "Ground wire", no matter directly or through other devices.

5. AUX OUT

6. AUX1 IN

7. AUX2 IN

8. Audio Source Selection Switch (AUX2-MIC2. Note: Please turn down the volume or turn off the device before using the switch.)

AUX2 and MIC2/24V. Phantom voltage switch by turning left and right.

9. Phantom Voltage LED

10. MIC2 Balanced IN

11. AUX2/MIC2 VOL.

12. 100V EMC IN (Note: When using external 100V emergency signal input, the machine ground wires of the two devices can not be connected.)

13. EMC IN VOL.

14. General EMC IN