MINI380

Stereo Bluetooth Amplifier with USB Playback



Description

The MINI380 is a stereo amplifier that combines Bluetooth streaming, USB audio playback, and multiple digital audio inputs in one compact unit. It supports Bluetooth 5.2 with aptX HD for high-quality wireless audio, as well as USB playback of APE, FLAC, WAV, and MP3 files. Equipped with optical, coaxial, and analog line inputs, the MINI380 supports digital audio signals up to 24-bit/192 kHz for detailed audio reproduction. A subwoofer line output and multiple EQ modes provide added flexibility for home audio and other stereo listening applications.

Features

- Supports Bluetooth 5.2 reception and USB playback of lossless audio files in multiple formats.
- Features one optical digital input and one coaxial digital input, supporting audio resolutions up to 24-bit/192 kHz.
- Provides one LINE input and one SUB line output for subwoofer connection.
- The main chip incorporates a precision DAC circuit and offers three selectable EQ modes for different listening environments: Music, Speech, and Bypass.
- The power amplifier uses a Philips DD-class analog high-definition integrated circuit with MOSFET power output and a fully linear analog power supply. It delivers a quiet background, smooth and refined sound, high output current, and a rated output power of 40 W × 2.
- Built-in high-quality, high-power toroidal transformer with selectable 115 V/230 V AC input.
- The front panel features a digital display for input status and volume level, and the unit comes with a multifunction remote control.
- Constructed with a pure aluminum enclosure and high-quality electrolytic capacitors, surface-mount components, and connectors, the amplifier is precision-engineered to Hi-Fi standards for smooth, accurate sound reproduction.
- Equipped with power-on/off pop protection and comprehensive built-in protection circuitry.

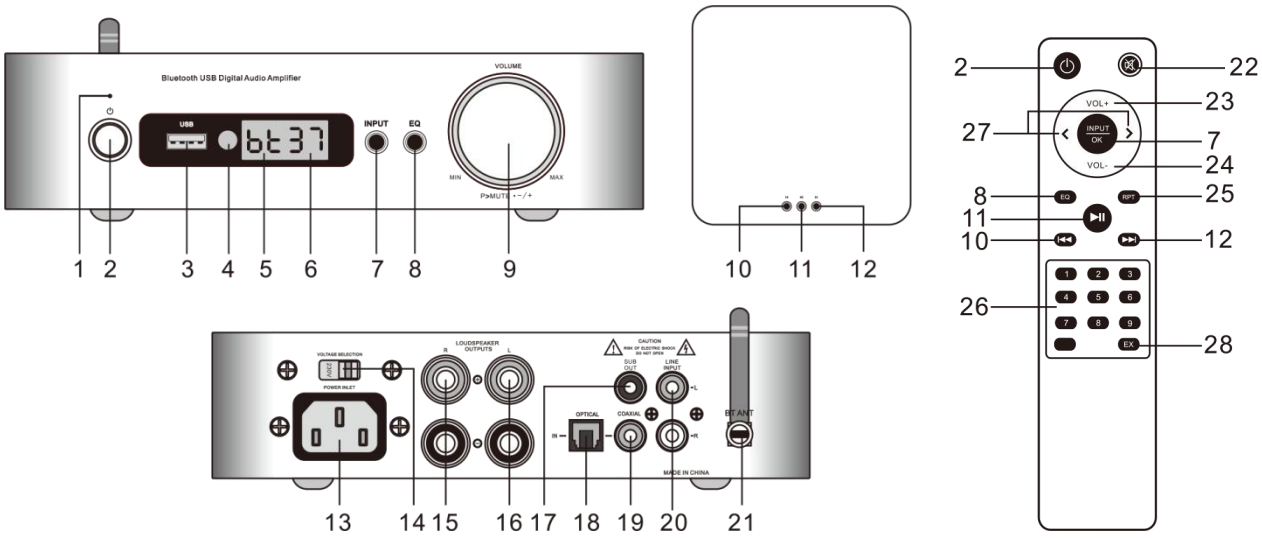
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Specifications

Model	MINI380
Bluetooth	Version 5.2, aptX HD
USB Playback	APE, FLAC, WAV, MP3
Audio Inputs	1 × Optical, 1 × Coaxial, 1 × Line Input
Audio Output	1 × Subwoofer Line Output
Digital Audio Resolution	Up to 24-bit / 192 kHz
DAC	ES9018K2M
Rated Output Power	40 W × 2
Load Impedance	4–8 Ω
Total Harmonic Distortion	≤ 0.045% (1 kHz, 10 W)
Frequency Response	10 Hz–23 kHz
Signal-to-Noise Ratio	＞ 105 dB (A-weighted)
Line Input Sensitivity / Impedance	600 mV / 47 kΩ
Power Supply	AC 115 V / 230 V, selectable, 50–60 Hz
Maximum Power Consumption	210W
Dimensions (W × H × D)	197 × 60 × 228 mm

Front / Rear Panel



1. Power Standby Indicator
2. Power Switch (Standby Button on Remote Control)
3. USB Port
4. Remote Control Sensor
5. Input Status Display
6. Volume Level Display
7. Input Selection Button
8. EQ Mode Selection Button
9. Volume Control / Mute Button (Press to Mute)
10. Previous Track Button (BT/USB)
11. Play/Pause Button (BT/USB)
12. Next Track Button (BT/USB)
13. AC Power Input Socket
14. AC Input Voltage Selector
15. Right Channel Speaker Output
16. Left Channel Speaker Output
17. Subwoofer Line Output
18. Optical Digital Audio Input
19. Coaxial Digital Audio Input
20. Analog Audio Line Input
21. Bluetooth Receiving Antenna
22. Remote Control Mute Button
23. Remote Control Volume + Button
24. Remote Control Volume − Button
25. Repeat Mode Selection Button (USB Playback)
26. Track Selection Button (USB Playback)
27. Function Selection Button (Not Supported on This Unit)
28. EX Sound Effect Mode (Not Supported on This Unit)

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