MINI502

Stereo Integrated Amplifier with Bluetooth

Description

MINI502 is a Bluetooth wireless stereo amplifier with the ability to transmit your music wirelessly to Bluetooth earphones. MINI502 not only can receive music from your mobile, but also has analog and digital inputs, it comes with phono input for use with turntable which needs higher amplification, TV ARC input for use with TV. If you have many music files stored in USB disk drive, you can also play them with resume playback function. All the input sounds can be played to connected speakers or stream wirelessly to Bluetooth earphones or earbuds. You can control MINI502 with remote controller or with our free mobile application for both Android and iOS system, that lets you have full control on the device plus user friendly EQ system.
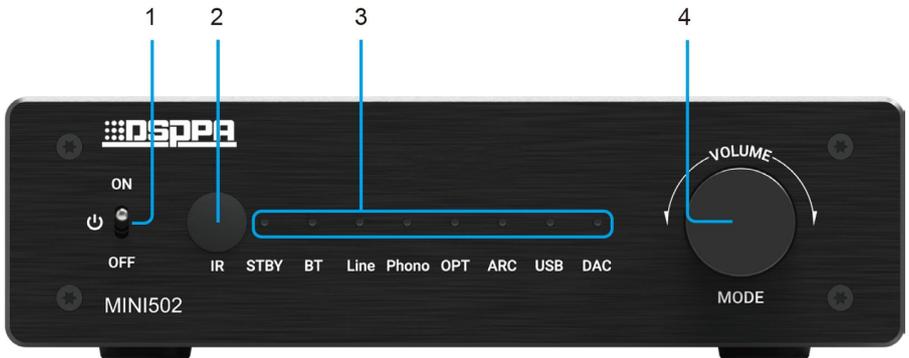
Features

- Support Bluetooth transmitter mode and receiver mode.
- Support transmission to 2 Bluetooth devices.
- With 50W x 2 powerful Bluetooth amplifiers.
- Support aptX HD reception & transmission, Qualcomm QCC3040 chip
- Support remoter controller and Go Control APP for easy and smart control over Bluetooth connection, mode switching and EQ control.
- Tune your own sound with ACPWorkbench tunning tool support.

Specifications

Model	MINI502
Bluetooth	
Bluetooth Standard	5.2
Transmit	2x Bluetooth TX, able to connect up to 2 Bluetooth speakers or earbuds
Receive	2x Bluetooth RX, able to connect up to 2 Bluetooth transmitter devices
Codec	aptX HD, aptX LL, aptX AD, AAC, SBC
Amplifier	
Amplifier Power	50W *2 @ 24V 4ohm 30W *2 @ 24V 8ohm
Speaker Impedance	4-8ohm
Frequency Response	20kHz
THD+N	<0.1% @ 1W 1kHz
SNR	>93db @ max power
Audio I/O		

Audio Input	Line in	Analog RCA, Max 2V RMS input
	Phono in	Analog RCA, Support MM/MC
	Optical in	Up to 192kHz/24bit PCM only
	TV ARC	PCM only, CEC function supported
	USB Host	USB disk drive playback, support resume playback Storage format: Fat16, Fat32, exFAT, up to 128GB Support codec: mp3(data rate up to 384kbps), mp4, wma, mov, m4a, aac, flac(96kHz/24bit), ape
	USB Type-C	USB DAC for PC connection, sample rate: 48kHz
Audio Output	Subwoofer out	Max 3V RMS output, Frequency Response: 250Hz
	Speaker out	50W per channel @ 4ohms

General	
Power Input	24V/4.16A
Weight	900g
Size	185 x 155 x 50 mm
In the Box	Main Unit x1 / Antenna(3dBi) x2 / Remote Control x1 User's Manual x1 / Power Adapter x1 / Power Cable x1

Front Panel

1. Turn on/off power of device.
2. IR sensor: For IR remote controller to control the device.
3. Status LEDs: LEDs indicate current status/input source.

When BT LED is flashing, it indicates the device is in BT Receiver (RX) mode and is waiting for connection. Once connected the LED will stay on.
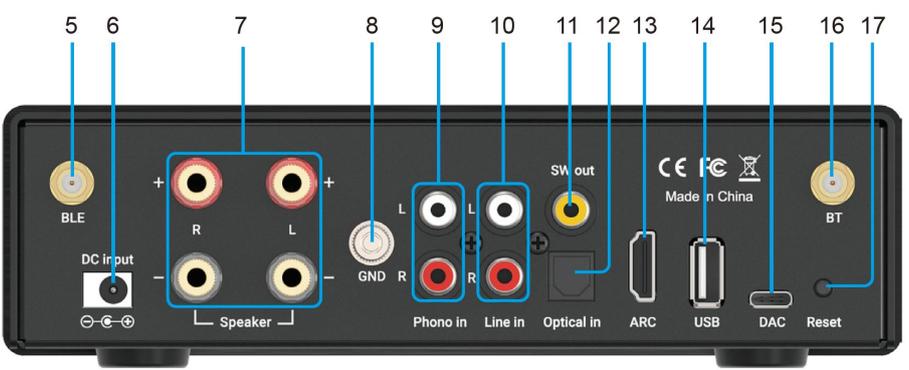
When one of the source input LED is on and BT LED is also on, it indicates BT Transmitter (TX) mode is on and is using the current source as input.

All LEDs will turn on during firmware update, do not turn off power at this time, wait till all LEDs turn off and back to BT mode.

All LEDs will start flashing when device goes in protection mode, please turn off the device and check for reason (generally is either over heat or output is short-circuited)

4. Volume knob + Input mode button: Turn to increase/decrease volume.

Press to change input source mode.

Long press to go into standby mode.

Rear Panel

5. BLE Antenna: For Bluetooth BLE connection.
6. DC input: Please use the power adaptor comes with the package, using other power adaptor might damage the device.
7. Speaker out banana plug: For connection to 4-8ohm passive speakers.
8. Ground connector: For connection to turntable GND connector (optional).
9. Phono input connector: For connection to turntable as phono amplifier.

10. Line input connector: For connection to device with line output.

11. Subwoofer output connector: For connection to active subwoofer.

12. Optical input connector: For connection to device with optical output.

13. TV ARC connector: For connection to TV HDMI ARC port.

14. USB Type-A port: For connection to USB disk drive.

15. USB Type-C port: For connection to PC.

16. BT Antenna: For Bluetooth connection.

17. Reset button: When in Bluetooth Receiver mode, press twice to disconnect all Bluetooth connections.

When in Source input mode, press once to enable Bluetooth Transmitter connection, press twice to disconnect all Bluetooth connections.

When a Bluetooth device or mobile is connected, press once to start second device connection.

Press and hold the button to do factory reset.

Remote Controller

The specifications will be subject to change without prior notice.