

HIFI-MN180BT

User Guide

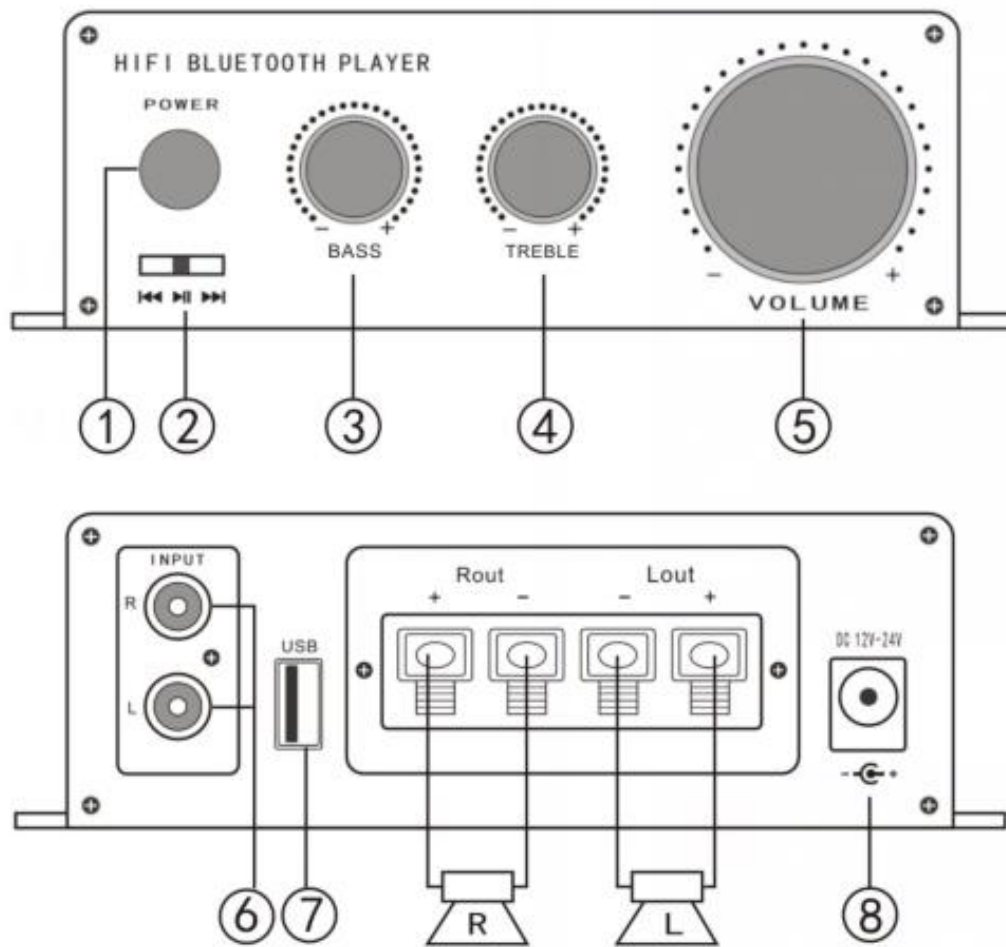
Please read this "User's Guide" carefully before using.

If you have difficulties, please contact us on time, on Amazon

Preface

■ We are aiming to create one of the most powerful mini amplifiers. If you encounter any problems, you can email us through Amazon, we are always here for help.

■ This MN180BT is a versatile Bluetooth audio amplifier. With the functions of USB lossless music decoding, PC external sound card, RAC line input, Bluetooth and so on. This product is mainly used in background music playback, home theater, car audio and other fields.



Name and use of each part

① Power Switch

② MP3 Function Keys

Keys	Function	Operating
▶▶	Play / Pause	Press the button once
▶▶	The switching of Bluetooth / RCA / USB mode	Hold the button for 5s

	Previous track	Dial to the left
	Next track	Dial to the right

③ Bass

Turn clockwise to boost the bass and counter-clockwise to turn the bass down.

④ Treble

Turn clockwise to increase the treble and counter-clockwise to reduce the treble.

⑤ Volume

Turn clockwise to increase the volume and counterclockwise to decrease the volume.

⑥ Audio Line Input (RCA)

You can use the RCA cable to connect computer / mobile phone / MP3 / DVD / player / TV and other audio devices, to get the audio signal from them.

⑦ USB Data Interface

- a) Play the music in the U-disk (must be placed in the root directory), the supported music format is:
WAV / WMA / APE / MP3
- b) Use the "two-headed USB cable" to connect to the computer, to alternative computer sound card, to

achieve high-fidelity online play computer online music. (better than RCA mode)

⑧ Power Supply Input

Please use a DC 12V/5A-10A Or DC 24V/5A-10A adapter; Or you can use it in your car with 12V/24V output. Please make sure that the Input Current greater than 5A, otherwise, the amplifier will not work perfectly.

Please Note: The power adapter you use should be DC 12V/5A-10A Or DC 24V/5A-10A, otherwise it maybe cause the product to catch fire.

How to use the Bluetooth

- Find the Bluetooth "MN180BT" on your phone, click to connect. When connect successfully, you will hear the sound "DongDong", with blue light flashing.

Switching of USB / Bluetooth / RCA mode

- 1, Priority: USB → Bluetooth → RCA
- 2, Automatic Switching: the default mode is "USB". If there is no USB device, then it will automatically switch to "Bluetooth" mode. If there is no Bluetooth connection,

finally it will automatically switch to the RCA mode.

- **3, Manual Switching:** You can switch the modes as you wish by holding the  button for 5 seconds or use the remote control. **Note: Once you switched modes manually, the "Automatic Switching" feature will stop, until the amplifier is restarted.**
- 4, When you are in "Automatic Switching" and not using the USB, you can connect Bluetooth at any time and also disconnect at any time. When you disconnect Bluetooth, the amplifier automatically switches to the RCA mode.

Learn more about this amplifier:

- 1, Once you switched modes manually, the "Automatic Switching" feature will stop, until the amplifier is restarted.
- 2, When in the RCA mode, it is unable to use the "Previous/Next Track" function. (Because the RCA mode is a one-way data transmission, it can not be controlled by the amplifier.)
- 3, Poor RCA cables can cause damage to the sound. If you need a better sound, please use RCA cables with in good quality, or use the "USB mode" and "Bluetooth mode".

- 4, The power adapter specifications must be correct, otherwise the amplifier will be damaged. Must be DC12V–24V, and "5A " is the minimum current that must be supplied.

Technical Parameter

- Output power: 50W+50W $4\Omega-8\Omega$
- Frequency response: 22Hz ~ 20KHz
- Harmonic distortion: $\leq 0.01\%$ 50W/1KHz
- Load impedance: $4\Omega-8\Omega$
- Signal to noise ratio: 95dBA
- Input impedance/ sensitivity 47k ohms/ 220mV
- Input mode: RCA/CD/DVD/MP3/PC/TV

Technical Indicators

- Adapter power supply: AC110V~ 220V/50Hz (external power supply)
- Power amplifier power supply:
 - DC 12V/ 5A–10A
 - DC 24V/ 5A–10A
- Power consumption: 100W
- Size (mm): 148(long) * 98.5(wide) * 42(high)

- Weight: 248g (Does not contain accessories)

Below are instructions on how to use the amplifier:

- 1.Connect the speaker to the amplifier with cable.
- 2.Connect power supply to the amplifier. It's suitable to most universal power supplies with DC 12V/5A–10A or DC 24V/5A–10A, and the interface specification is 2.1*5.5mm.

(Please Note: Don't use power supply with a voltage exceeding 24V, otherwise it may cause the product to catch fire.)

- 3.Power on the amplifier.
- 4.When the blue light flashing, you can find the Bluetooth "MN180BT" on your phone/computer, click to connect. When connect successfully, you will hear the sound "DongDong".(It will automatically switch to RCA Mode after 3 seconds, and red light is flashing.)

If you can't connect the Bluetooth, please refer below:

- The amplifier is in Bluetooth Mode when turned on, and blue light is flashing. It will automatically switch to RCA

Mode after 3 seconds, and red light is flashing. If you want to switch it to Bluetooth Mode, you need to switch it with the MODE Key on remote control or switch it through the amplifier panel. When the blue light flashes, it's in Bluetooth Mode, and you can find the Bluetooth of amplifier "MN180BT" in your phone, then connect it.

- Please check the status of the amplifier blue light.

If the blue light stays on, it means the bluetooth has been connected. Then you need to turn off the bluetooth on other phones firstly.

If the blue light flashes, it means the bluetooth has not been connected. You can try to find bluetooth "MN180BT" in your phone, and disconnect the bluetooth, delete this device, re-start the amplifier and phone, re-search the bluetooth " MN180BT" and connect it.

Please Note: This amplifier supported the Bluetooth mode priority before, but some customers reported that the Bluetooth was often maliciously connected by neighbors, which caused trouble to their use. So we upgraded this function and needed manual adjustment to switch the Bluetooth mode.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RF Exposure Information

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.