

AIYIMA[®] AUDIO

**Bluetooth 5.0
2.0 Channel Power Amplifier**

USER MANUALS

Model: A200

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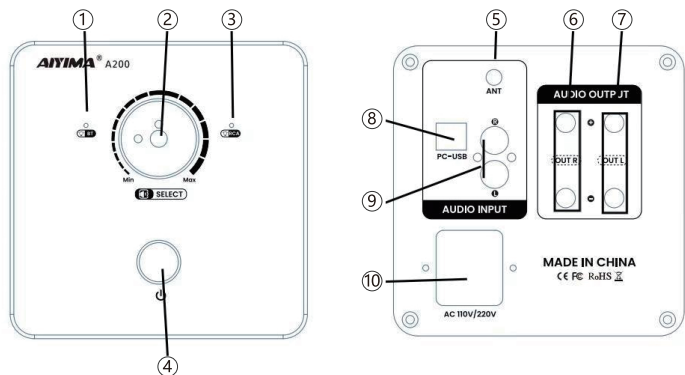
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Front And Rear Panel Description



- ① ——— Bluetooth input indicator (when the light is on, it means it's Bluetooth input mode)
- ② ——— Multi-function knob (short press to switch input mode, rotate to adjust volume)
- ③ ——— RCA input indicator (the light is on to indicate it's the RCA input mode)
- ④ ——— Power switch, built-in power indicator (press to start the power amplifier, the power indicator is on)
- ⑤ ——— Bluetooth antenna interface
- ⑥ ——— Right channel output interface (red is +, black is -)
- ⑦ ——— Left channel output interface (red is +, black is -)
- ⑧ ——— USB input interface
- ⑨ ——— Audio input interface (red is the right channel, white is the left channel)
- ⑩ ——— AC power input interface (AC110V/220V)

Steps

Using RCA Connection Steps

1. Turn the multi-function knob counterclockwise to the minimum
2. Connect the speakers to the left and right channel output interfaces
3. Connect the audio source to the audio input interface through the RCA cable
4. Connect power supply, press the power switch, the power indicator and RCA input indicator light up to indicate that the amplifier is activated
5. The audio source plays music, turn the multi-function knob clockwise to increase the volume to enjoy the music

Steps to connect with Bluetooth

1. Turn the multi-function knob counterclockwise to the minimum
2. Connect the speakers to the left and right channel output connectors
3. Connect power supply, press the power switch, the power indicator and the RCA input indicator light up to indicate that the amplifier is activated. Short press the function key to switch to the Bluetooth input mode
4. Turn on the phone's bluetooth, search for the bluetooth amplifier name "AIYIMA", find it and click connect
5. After the connection is successful, short press the multi-function knob, the Bluetooth input indicator lights up
6. When the mobile phone is playing music, turn the multi-function knob clockwise to increase the volume to enjoy the music.

Steps to connect with USB

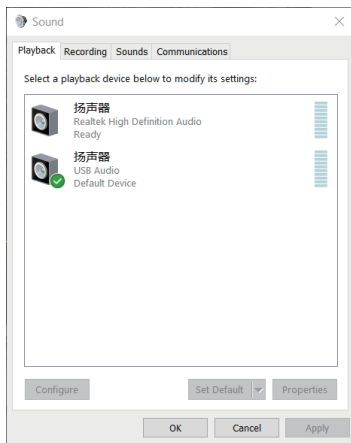
1. Turn the multi-function knob counterclockwise to the minimum
2. Connect the speakers to the left and right channel output interfaces
3. Connect power supply, press the power switch, the power indicator and RCA input indicator light up to indicate that the amplifier is activated
4. Use a USB cable to connect the computer and the USB input interface of the amplifier
5. Short press the multi-function knob, the Bluetooth input indicator lights up, the computer plays music, turn the multi-function knob clockwise to increase the volume to enjoy the music. Play without installing a driver

How to switch input

In the power-on state, short press the multi-function knob to switch the input mode, the bluetooth indicator light on means entering the bluetooth mode, and the RCA connection indicator light on means entering the RCA connection mode.

What should I do if there is no sound in the USB input?

Because both USB input and the Bluetooth input use the same module, the Bluetooth input has a higher priority. After switching to the Bluetooth input mode, if a mobile phone has been connected to the Bluetooth of the amplifier, the amplifier will play any sound from the mobile phone and play the Bluetooth input first. audio, thereby cutting off the USB input. If there is no sound from the USB input, first stop the Bluetooth playback of the mobile phone, and then check whether the playback device of the computer is set as the default device for the USB device. If not, set the USB device as the default.



Specifications

Maxmium Power	200W+200W	Gain	24dB
Distortion	0.1%	SNR	95dB
Power Input	AC110V/220V	Response Frequency	20HZ-20KHZ±3dB
Net Weight	1.61KG	Size	122.5*122.5*173.5mm

Frequently Asked Questions

Q: Why does the sound break or only one channel work?

A: When the speaker output power exceeds the normal power of amplifier, there will be a sound break. If the speaker power is less than the output power of the amplifier, there will be a large distortion. These can cause damage to components inside the amp .

Q: Why does only one channel have sound ?

- A: 1. Check to ensure the output power of the amplifier matches the speakers.
 2. Check that the positive and negative poles of the speaker do not contact each other. If they come into contact with each other, separate them and turn on again.
 3. Check whether the positive and negative poles of the audio input line or audio input line of the amplifier are inverted. Fix and restart the amp. (Whether there are the same problems when switching between the two input methods, if so; please uses 1 speaker, and tests the left and right channels in turn. No; please check the input signal and signal line.)

4. Check whether the op amp chip inside is loose or detached when it is turned on. There may be loose components on the circuits, do not attempt to repair, contact us for support

Q: Why do passive speakers make a lot of electric noise?

A: If the positive and negative poles cable of the RCA output connecting the power amplifier and the speaker are close together, it will cause noise, and even only one channel will work.

Q: Why is there interference when playing music?

A: If you use unshielded cables, there will be interference signals entering the power amplifier. If you want to eliminate interference, you are advised to use the shielded signal cables or unplug them if not used.

Q: Why does the audio volume of the A200 very when using different audio sources (such as CD players, Computers and mobile phones)?

- A: 1.The output range of audio source devices is different, the mobile phone is usually 0.35mV, and the CD is 1V. The signal output amplitude of the sound source will directly influence the volume
 2.The CD quality of sound varies from disc to disc.Some older CDs do not have good audio recording from the 1980s with lower volume levels. The newer CDs have more dynamic range and the amp can pick that up. If you play an old CD may think the amp is no good. So test the amp with more recent CD discs.

Q: All cables are correctly connectd, but why is there no sound output?

- A: 1. Check if the A200 POWER indicator is on;Please fully connect the AC input port and plug it tightly.
 2. If the indicator light is on, check whether the VOL knob is in the minimum position. If so, turn clockwise to normal Volume
 3. If both of the above are normal, check the input device if it is paused, mute, or the volume is in off position.

Q: Why the power amplifier Bluetooth cannot be searched ?

- A: 1. Turn off the power amplifier for about one minute,and then turn it on again to connect it again.
 2. Bluetooth is paired, when mobile phone A is connected to the power amplifier, mobile phone B can no longer find amplifier. At this situation, turn off the Bluetooth of mobile phone A, and mobile phone B can search and connect to the power amplifier.

Q: Why does the amplifier stop working after a period of time?

- A: 1.Normally in this case, the amplifier is overheat protected, and the output power may have exceeded the designed power specifications.
 2.Check whether your speaker power matches our A200 amplifier. Excessive or low power can make the power amplifier malfunction.Any problem,pls feel free to conect us (Sale@aiyima.com)

Notes

1. Only use AC power supply, compatible with 110V and 220V
2. The output power will vary according to the speaker impedance
3. The maximum power is the power measured when the power supply is AC220V, 4Ω speaker, and the distortion is 10%