AIYIMA® AUDIO

Bluetooth 5.1
2.0 Channel Amplifier

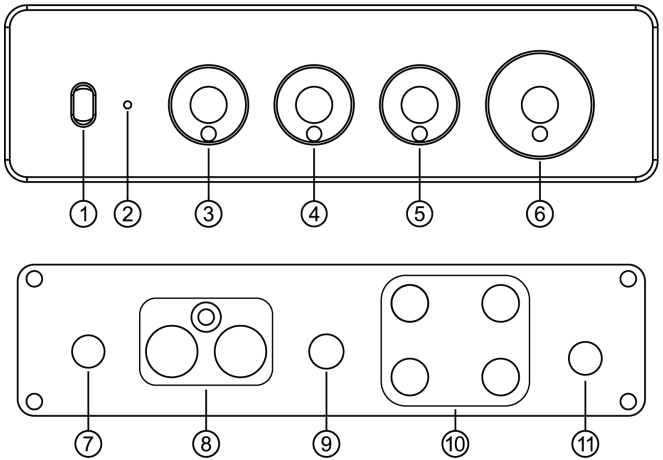
USER MANUALS

Model: A01 PRO

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Front And Rear Panel Description



① Power switch /RCA/BT input switch
② Working Indicator
③ Bass control knob
④ Middle adjustment knob
⑤ Treble adjustment knob
⑥ Master volume control knob
⑦ Bluetooth input
⑧ RCA input
⑨ 3.5mm Signal output
⑩ Speaker interface (red/positive, black/negative; R connected to right speaker, L connected to left speaker)
⑪ Power interface (DC voltage range 15-24V)

Operation Steps

1.Connect the passive speaker to the speaker interface.
2.Connect the audio source to be used to the corresponding input interface.
3.Connect the power supply (DC voltage range 15-24V).
4.Start the machine and switch to the corresponding input channel.
5.Turn the knob to the right to adjust the appropriate volume and sound effect.

Specification Parameters

Maximum Output Power	100W*2 (4Ω)	Bluetooth Version	5.1
Adjustment range of treble, midrange and bass	±6dB	3.5 Maximum output level	1.8V
Working Voltage	DC15-24V	THD	0.03%
Input Sensitivity	0.775V	SNR	≥100dB
Frequency Response	20Hz-20KHz(±1.5dB)	Net weight	0.88kg
Speaker Impedance Range	4～8Ω	Package Size	L260*W230*H70mm

FQA

Q: All my cables are connected, but there is no sound output?

A: 1.Check whether the machine is started and switched to the corresponding input channel.
2.Check whether the volume knob pointer is in the leftmost state. If it is in the leftmost state, turn the volume knob to the right.
3.If the above two points are normal, check whether the playback device of the input sound source is paused, muted, or the volume is at the minimum.

Q: Why is the sound distorted?

A: The input level may be too large. If the volume of the sound source equipment is adjusted to the maximum, and the volume of the machine is also adjusted to the maximum, it is easy to be distorted. At this time, turn down the volume of the sound source input device or machine.

Q: Why does the volume of the machine remain the same, but the sound level is different when connecting to different audio sources (for example, connect a CD first, then a mobile phone)?

A: The amplitude of electrical signals output by different playback devices is different. For example, mobile phones are usually 0.35V, while CDs are 1V. The natural sound size is different.

Q: Why does the horn make a loud current sound?

A: If you use a power supply other than the original standard, please replace the power supply before testing. Many power sources on the market have large interference coefficient of the text wave, which will cause a large current sound.

Q: Why does the speaker make a loud buzzing sound when I plug in the input cable and do not connect the playback source?

A: When the unshielded signal line is unloaded, the interference signal will enter the power amplifier for amplification. It is recommended to replace it with shielded signal wire or unplug the signal wire.

Q: Why does Bluetooth sound intermittent?

A: When using Bluetooth to test the distance, it is normal that the sound is not stuck or disconnected (without any obstacles) within 10 meters.(Note: The router will interfere with the Bluetooth signal. Don't get too close!)

Warning!

1. Please do not open the shell. Improper operation may cause electric shock.
2. Please use the switching power supply of the formal manufacturer, otherwise the machine may be damaged.
3. Do not use the machine in a hot or humid environment.