

AIYIMA[®] AUDIO

**3.5MM Headphone Amplifier
DAC Decoder**

USER MANUALS

Model: DAC-A2

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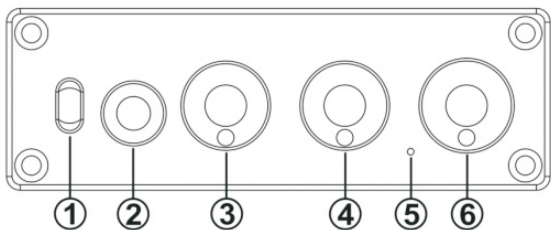
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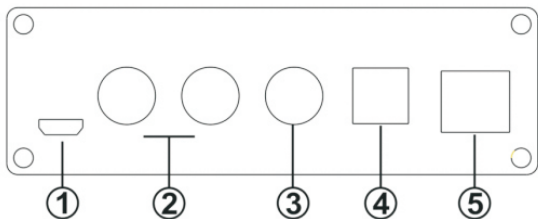
VK: <https://vk.com/aiyima>

Front Surface Instructions



- ① ————— Enter the mode selection key
- ② ————— Headphone amplifier output port
- ③ ————— Bass adjusting knob
- ④ ————— Treble adjusting knob
- ⑤ ————— Power Led
- ⑥ ————— ON/OFF&Volume adjusting knob

Back Surface Instruction



- ① ————— DC Input (DC power can't beyond 5V)
- ② ————— Analog output jack
- ③ ————— Coaxial input jack
- ④ ————— Optical input jack
- ⑤ ————— PC-USB input jack

Operation Steps

1. Connect the external back-end equipment to the output interface of sound source.
2. Connect the sound source that needs to be used.
3. Connect to power.
4. Turn the volume knob clockwise to turn on the power and select the desired volume.
5. The desired EQ can be selected by rotating the bass or treble knob.
6. When the ear amplifier output, RCA analog output will automatically disconnect.

PC-USB Operation Instructions

1. Connect the PC-USB interface of the rear surface of the machine with factory provided USB cable (USB can support hot plug)
2. Press the input signal selection switch to select USB input.
3. The following photo shows the icon with horn symbol in the lower right corner of PC



4. Right click to pop up the dialog box and click <choose play device.>
5. Select the playback device recognized by PC in the pop-up dialog box (USB of this machine is automatic identification, no manual installation and drive).
6. Click to confirm the identified digital output.

Specification

PC-USB Input Sampling Frequency	96K/24Bit	Bass & Treble Range	±6dB
Optical/Coaxial Input Sampling Frequency	192K/24Bit	Frequency Range	20Hz-20kHz(±3dB)
PC-USB System Supported	XP/W7/W8/W10/MAC/linux	THD	0.01%
Headphone Maxpower Output	100mW (32Ω load)	SNR	DC12V
Headphone Matching Impedance	16-200Ω	Product Dimension	L73.5*W98*H33MM
Working Voltage	DC 5V	Product Weight	0.2KG
RCA Output Level	2.3V	Package Dimension	L195*W160*H70MM

Frequently Asked Questions

Q: All the cables are connected, but no sound output?

- A: 1. Check the POWER indicator is on, press the POWER button if the light is still off, At this point you can find a same output voltage power supply (must5V) to check if the machine or power supply failure.If the POWER indicator light is on, check whether the corresponding input signal is selected correctly.
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 minimized

Q: Why does the sound is cracking ?

- A: This product is for the DAC decoder, but also can be used as preamp, If post equipment is max volume & preamp too, it's easy to distortion, you just need to turn down the volume of the equipment, then ok.

Q: Why do loudspeakers make a lot of electric noise?

- A: if you are not using the original factory standard power supply, please replace the power supply before testing.Many power supply in the market have large interference coefficient, which will cause a lot of current sound.

Q: Why the speaker has drone when I just plug in the input cablebut don't connect the sound sources?

- A: If you use unshielded signal lines, there will be interference signals entering the power amplifier. If you hate the sound, you are advised to use the shielded signal lines or unplug the signal lines.

Q: Can the 6.35mm headphone output port connect to the microphone?

- A: no, the headphone interface is the signal output interface, not the input interface.

Q: Why does the volume of the machine stay the same, while the sound of different audio sources (such as CDS and mobile phones) is different?

- A: The output range of different types 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

Q: Why there is no sound when PC-USB connects to PC?

- A: First press the PC-USB operation to confirm whether the digital playback output has been selected. If still no sound, you can restart the computer and repeat the operation again.

Q: Why is it that all my wires are plugged in, but the RCA analog output is silent?

- A: at this point,you should check whether the earphone output is plugged into the earphone or the earphone adapter. If so, you should unplug the earphone or adapter to simulate the RCA output.

Warning

1. Please do not open the shell without permission. Improper operation may cause the danger of electric shock.
2. Please use the power supply of the regular manufacturer, otherwise it will damage the machine.
3. Please do not use the machine in a high temperature and humidity environment.