

**AIYIMA<sup>®</sup> AUDIO**

**Headphone DAC Game Decoder**

**USER MANUALS**

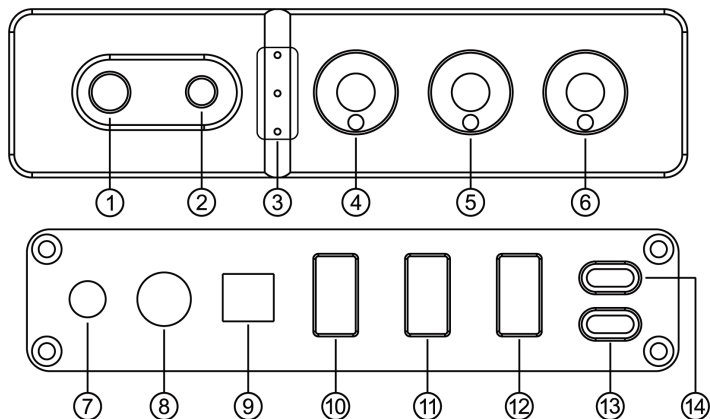
**Model: DAC-A2 PRO**

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## Front and Rear Panel Description



- ① ——— 3.5 microphone input interface
- ② ——— 3.5 headphone output + MIC input interface (Support two in one earphone with microphone and listening function)
- ③ ——— Input Channel indicator light (The light flashes when the volume is minimum or maximum)
- ④ ——— Bass adjustment knob
- ⑤ ——— Treble adjustment knob
- ⑥ ——— Encoder knob (short press: start/switch input channel; rotate left and right to adjust total volume; long press to shut down)
- ⑦ ——— 3.5 AUX output interface
- ⑧ ——— Coaxial input
- ⑨ ——— Optical fiber input
- ⑩ ——— USB input interface 1 (connected to keyboard, mouse, U disk, etc)
- ⑪ ——— USB input interface 2 (connected to keyboard, mouse, U disk, etc)
- ⑫ ——— USB input interface 3 (connected to keyboard, mouse, U disk, etc)
- ⑬ ——— Type-C data input interface (Support sound recording and OTG functions)
- ⑭ ——— Type C Power Interface (DC voltage shall not be higher than 5V)

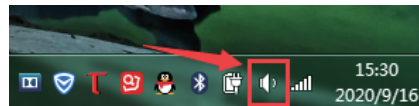
## Operation Steps

1. Connect the audio device to be used to the audio input port.
2. Connect the rear stage equipment to be used to the 3.5AUX output port.
3. Connect the power supply (DC voltage shall not be higher than 5V).
4. Briefly press the encoder knob to start the machine and adjust it to the appropriate volume, treble and bass.
5. Connect the type-C data input to the computer or mobile phone.
6. Connect the 3.5 microphone you need to use to the microphone input port and the headphone to the 3.5 output port.
7. Connect the type-A USB device to usb1, 2, 3.
8. Microphone and listening two in one headphone, connected to the 3.5mm headphone output + microphone input port.

## Type-C Data Input Operation Instructions

### I : Connect the computer

1. Connect the configured USB cable to the computer (USB supports hot plug).
2. Short press the encoder knob to switch to type-C data input.
3. As shown in the figure, find the icon with horn symbol in the lower right corner of PC



- 4.Right click popup options, click 【Playback device】 .
- 5.Select the USB device recognized by the PC in the pop-up box (USB HIFI AUDIO) .
- 6.Click to confirm the recognized digital output and set it as the default value.
- 7.The mouse, keyboard, U disk can be connected to the USB ports 1, 2, 3 of the machine.

### II: Connect Mobile phone

1. Connect this device to the mobile phone using the full function cable of double headed type-c.
2. Supports answering calls, recording, data transmission and OTG functions.

## Specification Parameters

Type-C IN	192K/24Bit	Noise	-128dBV
Type-C Operating System Supported	Win7/Win8/Win10/MAC/Linu	Frequency Response	20Hz-20KHz (-0.5dB)
Type-A USB Version	3.0	Power Supply	DC5V
Coaxial / Optical IN	192KHz/24bit	THD	≤0.005%
Maximum Output Level	1.8V	SNR	≥112dB
Headphone Impedance Matching	16-300Ω	Package Weight	0.58kg
Maximum Output Power of Earphone	150mW	Package Size	L195*W160*H70mm

## FQA

### Q: All my wires are connected. Why is there no sound?

- A: 1. Check whether the machine is started, whether the indicator light is on, and whether it is switched to the corresponding input channel.
2. Check whether the rear stage is connected correctly and whether the volume is at the minimum.
3. If the above is normal, check whether the input playback device is muted, paused, 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 input device is turned on to the maximum and the volume of the machine is turned on to the maximum, it is easy to distort. Just turn down the volume of the sound source input device or machine.

### Q: Can I use the 3.5 microphone to connect to the machine to sing?

- A: Yes, type-C data input is connected to a computer or mobile phone, and 3.5 microphone input supports recording and Call function.

### Q: When I connect my mobile phone, can I answer the phone directly when there is a call?

- A: Yes, the prerequisites must be 3.5mm, 4-segment plug and earphone with microphone.

### Q: Why do I connect this device to my mobile phone with a mobile phone charging cable, but the mobile phone cannot find the device and cannot realize the OTG function?

- A: The ordinary mobile phone charging cable only has the normal data transmission and charging function, and does not have the full function of type-c. If you need to use the OTG function, please use the full function type-C cable.

### Q: When the 3.5 microphone, microphone and listening 2-in-1 headset are plugged in at the same time, why does the microphone of the two in one headset have no sound?

- A: 3.5 microphone is the first choice (if you need to use a two in one headset, not plug in 3.5 microphone or unplug 3.5 microphone plug).

### Q: Why is the 96KHz sampling rate selected for both the speaker and microphone, but the microphone has no sound?

- A: The USB sound card of this device is drive free mode because the bandwidth limitation does not support bidirectional 96KHz mode. It is recommended to reduce the sampling rate of the microphone.

## Warning

1. Please do not open the machine casing. Improper operation may cause electric shock hazard.
2. Please choose the power supply of a regular manufacturer, otherwise there is a risk of damaging the machine.
3. Do not use the machine in high temperature or humid environment.