

**AIYIMA<sup>®</sup> AUDIO**

**3.5MM Headphone  
Bluetooth 5.0 DAC Decoder**

USER MANUALS

**Model: DAC-A1**

**Shenzhen Yima Technology Co.,Ltd**

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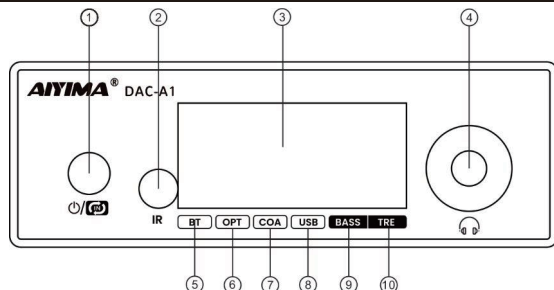
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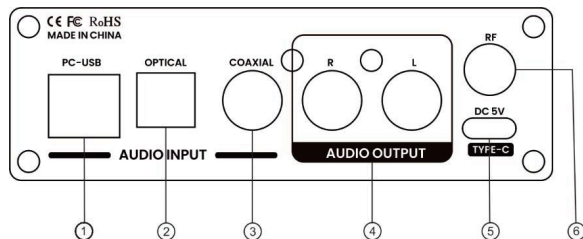
VK: <https://vk.com/aiyima>

## Front Panel Description



- ① ————— Long press to power on or off, short press to switch the input channel
- ② ————— Remote control receiver
- ③ ————— Volume display window
- ④ ————— Headphone jack
- ⑤ ————— Bluetooth input indicator
- ⑥ ————— Optical input indicator
- ⑦ ————— Coaxial input indicator
- ⑧ ————— USB input indicator
- ⑨ ————— Bass adjustment indicator
- ⑩ ————— Treble adjustment indicator

## Rear Panel Introduction



- ① ————— PC-USB input jack
- ② ————— Optical input jack
- ③ ————— Coaxial input jack

- ④ ————— RCA output jacks
- ⑤ ————— Power jack (DC 5V)
- ⑥ ————— Bluetooth antenna jack

## Remote Control



① ON/OFF	⑦ Mute
② Input selection	⑧ Bass volume up
③ Previous track (Bluetooth only mode)	⑨ Bass volume down
④ Next track (Bluetooth only mode)	⑩ Treble volume up
⑤ Volume up	⑪ Treble volume down
⑥ Volume down	

## Specification

Dimensions	101mm x 98mm x 33mm	
Inputs	USB	OS : Windows 7 / 8 / 8.1 / 10/11, Mac OS X Resolution/Sampling rate: 16/24bit,44.1/48/88.2/96/192kHz
	Optical/Coaxial	Resolution/Sampling rate: 16/24bit,44.1/48/88.2/96/176.4/192kHz
	Bluetooth (5.0)	Support: SBC, AAC, APTX, APTX-HD
Outputs	RCA	SNR:103Db, THD+N:0.0032%
	Headphone(unbalance)	SNR:100Db, THD+N:0.0032%, 120mW
Frequency Response	Direct mode	±1dB, 20-20kHz
	Tone mode	Bass: ±10dB, Treble: ±10dB
Main Chipset	ES9018K2M, NJW1194, MAX97220	

## Package Contents

- DAC-A1 body
- USB cable (USB A to B Type)
- USB cable (USB A to TYPE\_C Type)
- Fiber optical cable
- Remote control • User's Guide

## Tips

- Install this unit in a well ventilated cool, dry, clean place - away from direct sunlight, heat sources, vibration, dust, moisture, or cold.
- On the top of this unit, do NOT place:
  - Other components, as they may cause damage or discoloration on the surface of this unit.
  - Combustible (i.e. candles), as they may cause fire damage to this unit, or personal injury.
  - Containers with liquid in them, as they may fall and the liquid may cause electrical shock to the user or damage to this unit.
- Do not cover this unit with a newspaper, tablecloth, curtain etc. in order not to obstruct heat radiation. If the temperature inside this unit rises, it may cause fire, damage to this unit, or personal injury.
- Use the voltage specified on this unit. Only using this unit with a higher voltage than specified is dangerous and may cause fire, damage to this unit, or personal injury. AIYIMA will not be held responsible for any damage resulting from the use of this unit with a voltage other than that specified.
- When not planning to use this unit for long periods of time (i.e. when going on vacation), disconnect the power cable from the AC wall outlet.
- For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet. This will prevent damage to the product due to lightning and power-line surges

## Product Question

### 1. Amplifier board has current sound and noise?

Most of our amplifier board use DC power supply. The board itself does not produce current sound and noise. The main causes of current acoustic noise are:

- A. The power supply filter used is not good; the current sound is caused by wrong input by the power or audio input.
- B. The input signal quality is poor; the output of the device connected to the input is improper and the noise is caused by the abnormal input of the audio source.
- C. The input cable is of poor quality; the line is in poor connect; the wiring is damaged the wiring is suspended
- D. The input connection has other playback devices, and some devices share the power supply to cause noise.

### 2. No sound output no sound in 1 channel?

- A. The speaker is broken, or the speaker cable is not connect well.
- B. The input cable is not in good connect; the wiring is damaged; the output of the device connected to the input is improper

### 3. Volume broken and breaking sound when turn loud?

- A. The power input is insufficient confirm the wiring is correct first and the supply current is sufficient,
- B. The speaker itself has poor performance or damage and the speaker power is too small or too large.

C. left and right channel speakers (+) (-) output are independent can not be connected to each other

### 4. Speaker broken sound when subwoofer amplifier volume turn loud?

- A. The power input is insufficient. first confirm the wiring is correct. the supply current is enough
- B. Whether the power of the speaker itself is too large or too small the bass performance of the speaker

### 5. The volume power is not enough?

Power and power supply voltage. the amplitude of the sound source signal the size of the speaker impedance are all related any kind of deficiency will affect the power

### 6. Will the amplifier be burnt?

- A. The positive and negative poles of the power supply are connected reversely; the power supply voltage is too high, exceeding the limit operating voltage of the board
- B. If the board requires a DC power supply, it is not allowed to connect directly the AC transformer power supply (this can be rectified and converted to DC power before it can be used)
- C. To confirm that the wiring is correct, then connect with the power supply. The wrong line connected or the short circuit both will cause damage to key parts!