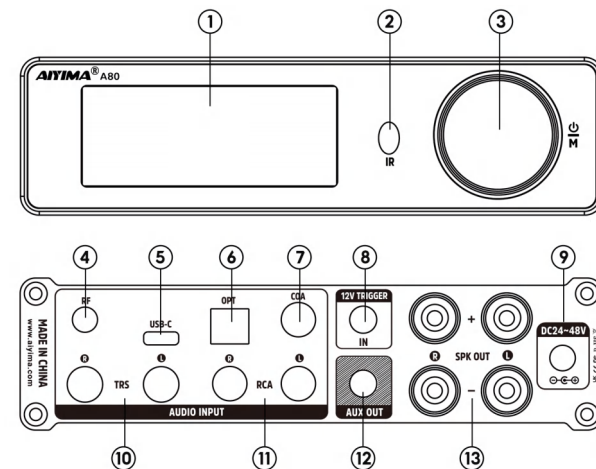


AIYIMA® AUDIO

Bluetooth 5.1 2.0/2.1 Channel Amplifier USER MANUALS

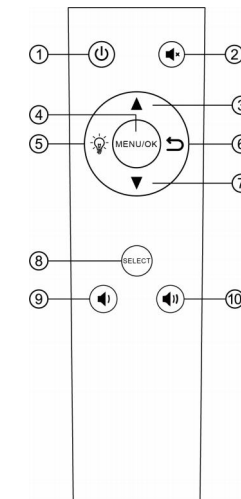
Model: A80

Front and Rear Panel Description



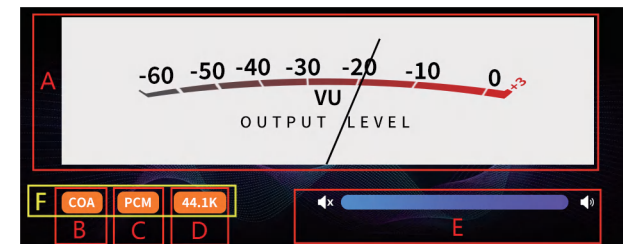
- ① Display screen
- ② Infrared receiving window
- ③ Encoder knob (short press to turn on/confirm/enter menu; long press to turn off; double-click to mute/unmute, enter menu, double-click to return to main interface; rotate left and right to adjust volume, enter menu, rotate left and right to switch selection objects)
- ④ Bluetooth antenna socket
- ⑤ USB Type-C input interface
- ⑥ Optical input interface
- ⑦ Coaxial input interface
- ⑧ 12V Trigger input interface
- ⑨ Power supply interface (DC24-48V)
- ⑩ 6.35 Balanced input interface
- ⑪ RCA input interface (white / left channel, red / right channel)
- ⑫ AUX output interface
- ⑬ Speaker interface (red / positive, black / negative; R to right speaker, L to left speaker)

Remote Control Function Description



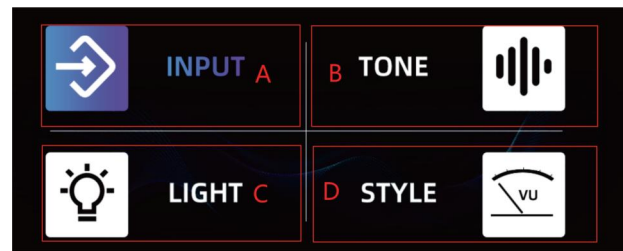
- ① ON/OFF
- ② Mute
- ③ Up
- ④ Menu/OK
- ⑤ Screen brightness adjustment (When switching to black screen mode, other operations can wake up the screen. If there is no operation for 10 seconds, the screen will automatically turn off)
- ⑥ Return
- ⑦ Down
- ⑧ Switch input mode
- ⑨ Volume-
- ⑩ Volume+

Description of Screen Display

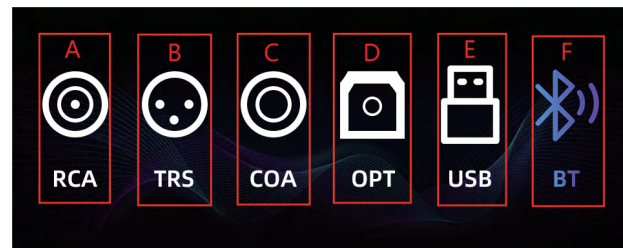


- A VU-meter display
- B Input mode display
- C Audio format display
- D Sample rate display
- E Volume display
- F Color automatically adjusts with the size of the music signal

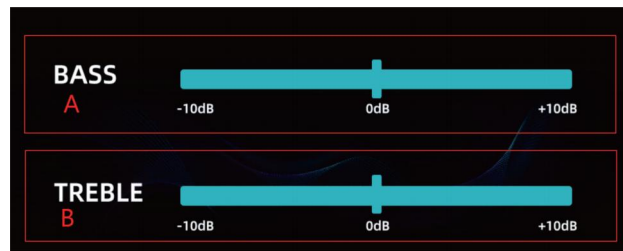
(White: low gain; Blue: medium gain; Orange: high gain)



- A Input mode selection
- B Tone adjustment
- C Screen brightness adjustment
- D Style selection



- A RCA input mode
- B TRS input mode
- C Coaxial input mode
- D Optical input mode
- E USB input mode
- F Bluetooth input mode

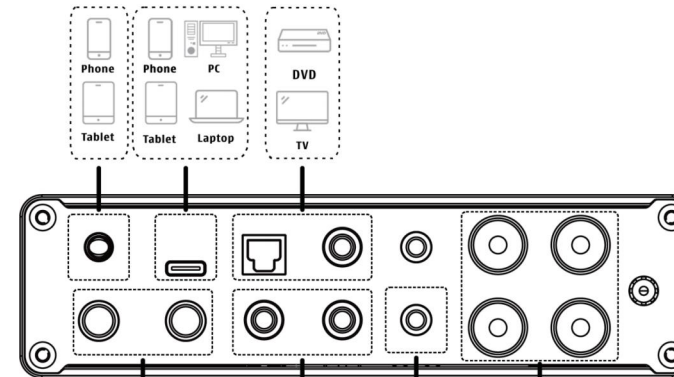


- A BASS gain adjustment
- B TREBLE gain adjustment

Note: After entering this interface, the rotary encoder selects the tone to be adjusted (the selected tone will turn blue), clicks on the encoder to confirm, and then rotates the encoder left and right to adjust the tone. Once the adjustment is complete, double-click the encoder or wait for 10 seconds for automatic return to complete the setting.

Operation Steps

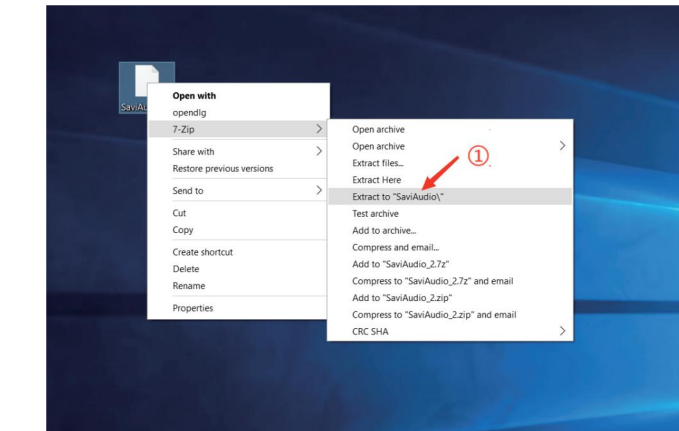
1. Connect the required audio source device to the corresponding input interface.
2. Connect the passive speaker to the corresponding speaker interface.
3. Connect the power supply (DC24V-48V), turn on the device, and switch to the corresponding input mode.
4. Rotate the encoder knob left and right to the appropriate volume level.
5. As needed, you can click on the encoder knob to enter the menu, select tone settings, and then choose high/low frequency. Rotate the encoder knob left and right to adjust the high/low frequency gain to the desired size.
6. This device comes with multiple playback styles. You can short press the encoder knob to enter the menu, select style settings, and choose the desired style according to your preferences



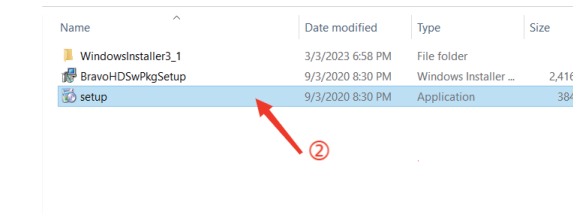
PC-USB Operating Instructions

1. Use the factory configured USB cable to connect the device to the computer (USB supports hot swapping).
2. Press the encoder knob to enter the menu, switch to USB input mode, and install the driver program on the PC (please contact our company for installation files).

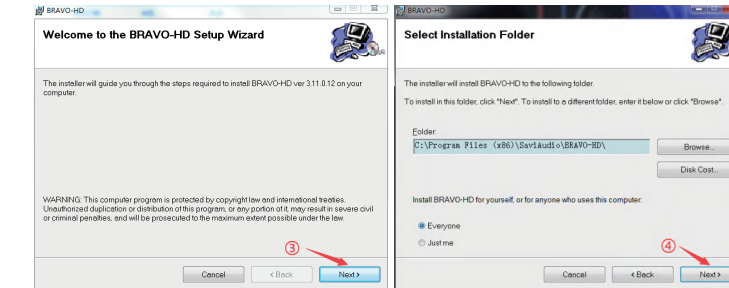
Installation steps are as follows:
After finding the installation file, right-click on the "SaviAudio" file as shown in the figure, and then click "Extract to SaviAudio"003B



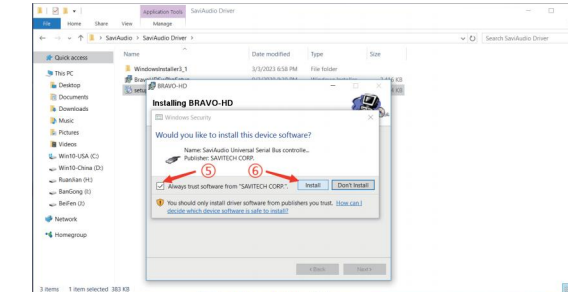
After unzipping, double-click "Setup" to run the installation program



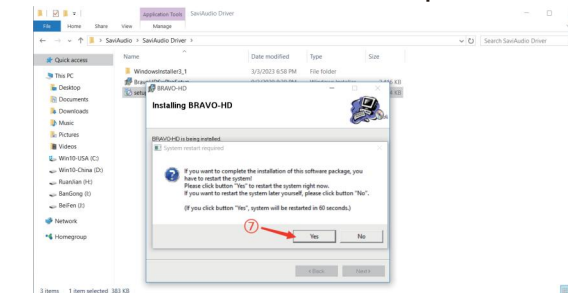
During installation, click "Next"

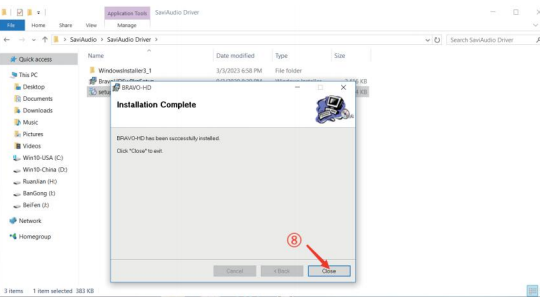


When prompted "Would you like to install this device software?", please choice "Always Trust..." And installation



When the installation is completed, the system will prompt you to restart. Click "Yes" and wait for the restart to complete.



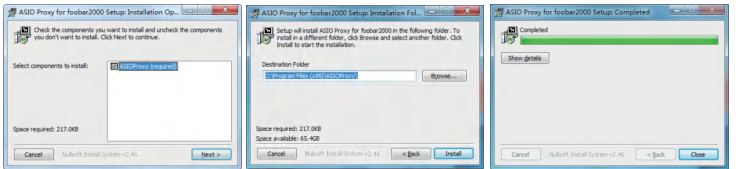


3. After the restart, find the speaker symbol in the bottom right corner of the desktop, right click the pop-up box, and click 【Play Device】



4. Select the USB device recognized by the PC in the pop-up box (USB HIFI AUDIO) .
5. Click to confirm the identified digital output (USB HIFI AUDIO) and set it as the default value.

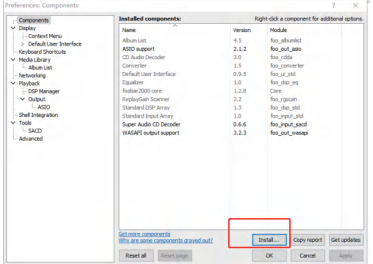
1. ASIO Plugin installation:
double click ASIOProxyInstall-0.6.5, Follow the prompts to install



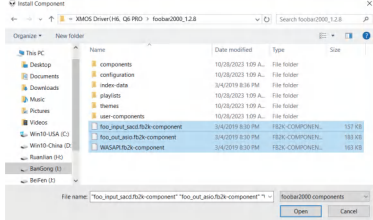
2.foobar2000 player :
foobar2000 is a version that does not require installation. Double click foobar2000 to open the player

avcodec-fb2k-54.dll	2013-06-14 17:44	应用程序扩展	1,562 KB
avutil-fb2k-52.dll	2013-06-14 17:44	应用程序扩展	194 KB
foo_input_sacd.fb2k-component	2019-03-05 10:30	FB2K-COMPON...	157 KB
foo_out_asio.fb2k-component	2019-03-05 10:30	FB2K-COMPON...	183 KB
foobar2000	2013-06-14 17:44	应用程序	1,757 KB
installer	2013-06-14 23:45	配置设置	1 KB
portable_mode_enabled	2013-06-14 23:45	文件	0 KB
Querv Syntax Helo	2008-12-17 04:19	HTML 文档	14 KB

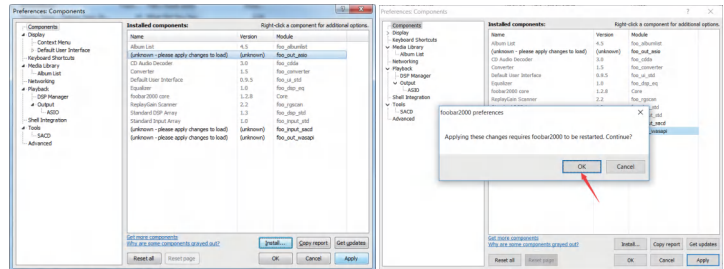
After open the foobar2000, click Top left File, choose Preferences, Click Components, Click again Install



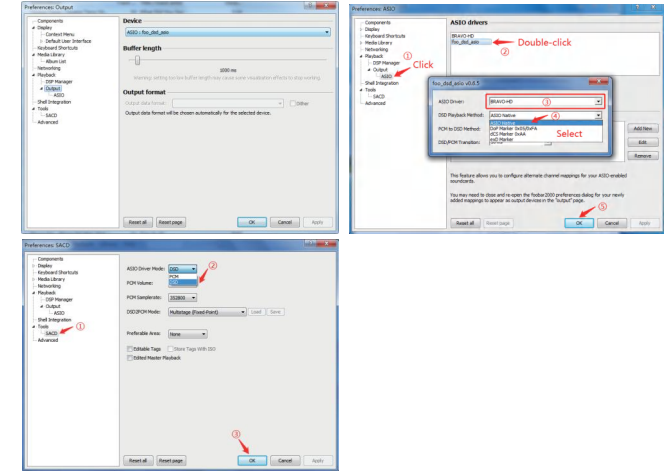
At the same time selected foo_input_sacd.fb2k-component, foo_out_asio. fb2k-component, WASAPI.fb2k-component Three files, then click to open



Click Apply Click 'OK' after the pop-up box



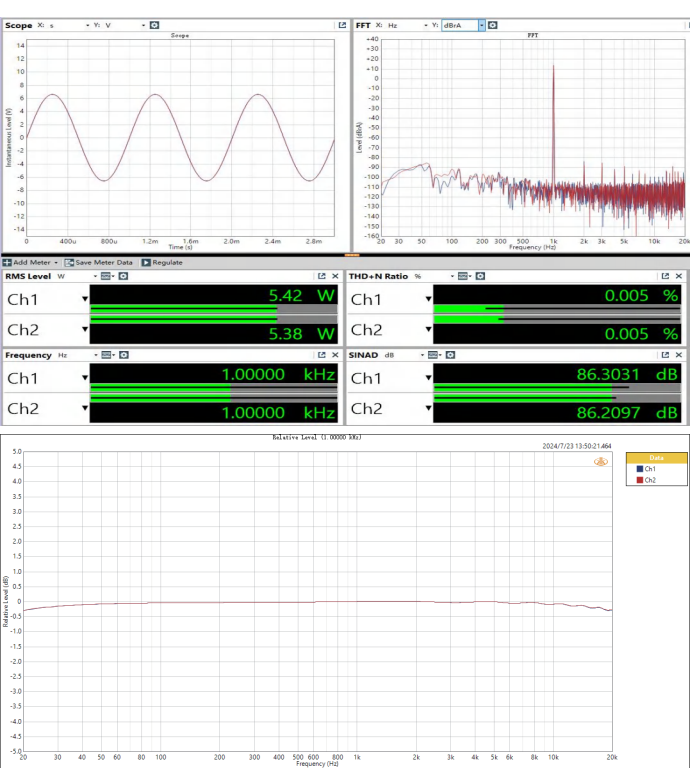
Open foobar2000, Click Library choose Configure Click again output



3. After completing the above operation process, import the music file and you can play the DSD music file of the source code.

Specification Parameter

Optical / coaxial support for the highest sampling rate	PCM 192KHz/24Bit	PC-USB Supports the highest sampling rate	PCM 384KHz/32bit DSD256
RCA Rated input level	2V	SNR	≥109dB
AUX Rated output level	3.6V	THD+N	0.006%
Rated output power	300W*2(4Ω)	Frequency response	20Hz-20KHz (±0.5dB)
Working voltage	DC 24-48V	Package weight	1.7kg
Bluetooth version	5.1	Package size	L310*W240*H70mm



FQA

Q: All wires are connected. why is there no sound output?
A: 1. Check if the circuit connection is correct and if the machine has started and switched to the corresponding input mode.
2. Check if the volume is in the minimum state. If so, rotate the encoder knob to the right or use the remote control to increase the volume.
3. If both of the above points are normal, check if the audio input device is paused, muted, or the volume is in the minimum state.

Q: Why there is no sound or very little sound after the amplifier is connected to the speaker?
A: 1. Please check if the input audio source is turned on and if the volume is too low.
2. Please confirm whether the speaker and amplifier match (For example, the speaker is fixed resistance or fixed voltage, the power of speaker is too much over the power of the amplifier etc).

Q: Why DAC can't be recognized by the computer after installing the driver for a while?
A: The change and updates of computer system, software and hardware and security software may sometimes lead to driver loss, please reinstall the driver and try again.

Q: Why can't I find Bluetooth?
A: Short press the encoder knob to enter the menu, select input mode or the "SELECT" button on the remote control, switch to Bluetooth input mode, then turn on Bluetooth on your phone, search for "AIYIMA A80", click connect and play music.

Q: Why is there obvious background noise/current sound when in Bluetooth mode, sometimes playback lags or even disconnection?
A: 1. Check if the machine antenna is installed properly and if the Bluetooth connection distance is too far (greater than 15 meters)
2. whether there is blocking or interference(such as WiFi router / wireless telephone / FM radio, etc., since they may be in the same frequency band as Bluetooth, and inductive loads such as fans/refrigerators/air conditioners will also cause some interference)

Q: The device is connected to my computer via Bluetooth, why is the connection successful but there is no sound?
A: Compared with phones, computers with poor compatibility and troublesome operations when using Bluetooth. Need the computer with Bluetooth function and to update the driver and set the output device to Bluetooth after connection.

Q: The device cannot be used when connected to the phone via USB. need to install a driver?
A: Mobile phone connection is drive free. It should be confirmed whether both the phone and the connection cable support OTG function. Some phones need to open the OTG option and set the output device in the settings.

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. example, mobile phones are usually 0.35V, while CDs are 1V. The natural sound size is different.

Q: Why can the DAC decoder only display 24 Bit / 192 KHz on the computer?
A: This is because some computer systems can only display a maximum of 192KHz but in reality using FOobar ASIO can play the source code DSD256/PCM 384KHz.

Q: Why is the volume of playing DSD lower than that of playing PCM?
A: This is normal, the sound of DSD is 3dB lower than PCM.

Q: Why can the computer recognize the USB DAC but can not install the driver?
A: This is usually because the computer system lacks a digital signature patch or the USB DAC has been disabled by antivirus software. Please close the antivirus software to reinstall.

Q: Why is there noise when playing DSD music, the music sound is very low?
A: Please turn the computer system volume to 100: click the small speaker in the lower right corner of the computer-play device-double click the USB device to turn the volume to 100.

Q: Do Apple computers need to install drivers?
A: No, the MAC system is drive-free and can be used directly, MAC System highest support DOP128.

Q: After connecting DAC to the computer, but there is no response? After connecting, but the computer prompts that USB DAC cannot be recognized?
A: Please switch to a different USB interface, or replace a USB cable, or switch to a different computer. If there is still no response, please contact us.

Q: A Why is there a thumping sound when switching on/off?
A: Please confirm the on-off sequence is correct, normally it follows the order of signal transmission when turn on: audio source → preamp / DAC → amplifier → speaker. (The sequence is reversed when switching off. As the internal capacitors will be discharged for a while after shutdown. If turn off the preamp firstly and then turn off amplifier, impact sound will be easily caused which may damage the amplifier or speaker in severe cases).

Product Warranty

If you have any questions about the goods you received, please contact us online within 48 hours Customer service. If the product has quality problems and needs to be repaired or returned, please fill in this card truthfully.

Username: _____

Contact number: _____

Date of purchase: _____

Product number: _____

Maintenance failure: _____

Note: The product warranty is 1 year

AIYIMA® AUDIO
Shenzhen Yima Technology Co., Ltd

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-- Reorient or relocate the receiving antenna.
-- Increase the separation between the equipment and receiver.
-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-- Consult the dealer or an experienced radio/TV technician for help.
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
This equipment complies with the FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body.

Shenzhen Yima Technology Co.,Ltd

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Location:4Floor, Building C,Getailong Industrial Zone,No.227,Bulong Road,Bantian Street,Longgang District, Shenzhen

Email: sale@aiyima.com

It is forbidden to place equipment waste marked with the symbol of a crossed-out trashbin together with other waste . This equipment is subject to collection and recycling .