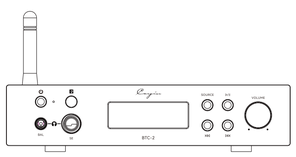
BTC-2-说明书 --20240805
注：
1、采用100g铜板纸双面印刷；
2、印刷要求清晰，不能模糊不清；
3、来货时折好，首页为正面。

正面



BTC-2 | 蓝牙解码耳放
Hi-Res Bluetooth DAC AMP

使用说明书

非常感谢您使用BTC-2蓝牙解码耳放。
为了使您更好地使用本蓝牙解码耳放，并享受到其给您带来的无穷乐趣，在使用本机前，请仔细阅读本使用说明书。

重 要 提 示：

- **如果产品包装盒、机壳和保修卡上的产品编号不一致、被涂改或缺少产品编号、缺少保修卡，恕将不能享受到正常的售后服务。**
- **在未经本公司事先书面许可的情况下，严禁以任何形式复制、传递、分发和储存本文档的任何内容。**
- **本说明书所提到的产品规格和资讯仅供参考，如有内容更新，恕不另行通知。**

包装清单

打开包装盒前应仔细检查包装盒有无摔伤、破损或湿迹。包装盒清单如下：
1. BTC-2 蓝牙解码耳放 1台。
2. 使用说明书 1本。
3. 保修卡 1份。
4. USB线 1条

注意：包装清单以外的部品均未附带。

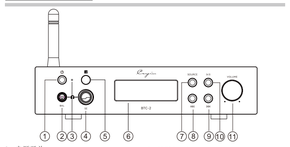
技术参数

同轴输入	单端耳机输出(@32Ω)	输出功率	190mW+190mW(THD+N：0.5%)
		频率响应	10Hz-28kHz（±0.2dB,Fs=192kHz）
		总谐波失真+噪音	总谐波失真+噪音
		动态范围	116dB（20Hz-20kHz，A计权）
		信噪比	116dB（20Hz-20kHz，A计权）
		声道分离度	68dB （1kHz，A计权）
	平衡耳机输出(@32Ω)	输出阻抗	约0.5Ω
		输出功率	280mW+280mW（THD+N：0.5%）
		频率响应	20Hz-28kHz（±0.2dB,Fs=192kHz）
		总谐波失真+噪音	0.0045%（1kHz,20Hz-20kHz,输出1Vrms时）
		动态范围	115dB（20Hz-20kHz，A计权）
		信噪比	115dB（20Hz-20kHz，A计权）
		声道分离度	117dB(1kHz，A计权)
		输出阻抗	约1.0Ω
	线路输出(@47kΩ)	输出电平	2.1V
		频率响应	10Hz-35kHz（±0.2dB,Fs=192kHz）
		总谐波失真+噪音	0.0031%（1kHz,20Hz-20kHz，输出1Vrms时）
		动态范围	120dB（20Hz-20kHz，A计权）
		信噪比	120dB（20Hz-20kHz，A计权）
		声道分离度	122dB （1kHz，A计权）
		输出阻抗	约110Ω

蓝牙输入	单端耳机输出(@32Ω)	输出功率	190mW+190mW(THD+N：0.5%)
		频率响应	20Hz-28kHz（±0.2dB,Fs=96kHz）
		总谐波失真+噪音	0.0025%（1kHz；20Hz-20kHz输出1Vrms时）
		动态范围	116dB（20Hz-20kHz，A计权）
		信噪比	116dB（20Hz-20kHz，A计权）
		声道分离度	68dB （1kHz，A计权）
		输出阻抗	约0.5Ω
	平衡耳机输出(@32Ω)	输出功率	280mW+280mW（THD+N：0.5%）
		频率响应	20Hz-28kHz（±0.2dB,Fs=96kHz）
		总谐波失真+噪音	0.0052%（1kHz；输出1Vrms时）
		动态范围	115dB（20Hz-20kHz，A计权）
		信噪比	115dB（20Hz-20kHz，A计权）
		声道分离度	95dB （1kHz，A计权）
		输出阻抗	约1.0Ω
	线路输出(@47kΩ)	输出电平	2.1V
		频率响应	10Hz-28kHz（±0.2dB）
		总谐波失真+噪音	0.0031%（1kHz,20Hz-20kHz）
		动态范围	120dB（20Hz-20kHz，A计权）
		信噪比	120dB（20Hz-20kHz，A计权）
		声道分离度	118dB （1kHz,A计权）
		输出阻抗	约110Ω
	数字输出	输出电平	0.5Vp-p @75Ω
		输出阻抗	75Ω

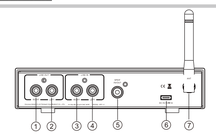
基本规格	
蓝牙平台	高通QCC5125
蓝牙接收格式	LDAC/aptX HD/aptX LL/aptX/AAC/SBC（屏幕可显示格式）
同轴输入支持规格	PCM:16Bit-24Bit,44.1kHz-192kHz
蓝牙版本	v5.1
产品尺寸	168*167*39.5mm
重量	约0.75kg

前面板功能说明



1. 电源开关
待机或开机；
2. 4.4mm平衡耳机输出插座
用于连接4.4mm平衡插头立体声耳机。
3. 状态指示灯
常亮表示机器处于蓝牙正常连接状态；
闪烁时表示机器处于待机状态；
不亮表示机器处于非蓝牙输入或者在蓝牙模式下，蓝牙未连接或者连接不成功。
4. 6.35mm单端耳机输出插座
用于连接6.35mm单端插头耳机 。
5. 遥控接收窗
用于接收红外遥控器的指令。
6. OLED显示屏
显示各种工作状态。
7. 音源切换/滤波器选择
用于切换音源或者滤波器选择。
8. 上一曲按键
参照“基本操作”之“6.选曲”。
9. 下一曲按键
参照“基本操作”之“6.选曲”。
10. 播放/暂停键/断开蓝牙设备
参照“基本操作”之“4.播放/5.暂停播放”。
长按按键强制断开正在连接的蓝牙终端。
11. 音量旋钮
用于调节耳机输出音量大小。

后面板功能说明



1. 右声道线路输出端子
用音频信号线与功率放大器的右声道线路输入端子连接。
2. 左声道线路输出端子
用音频信号线与功率放大器的左声道线路输入端子连接。
3. 右声道线路输入端子
用音频信号线与音源的右声道线路输出端子连接。
4. 左声道线路输入端子
用音频信号线与音源的左声道线路输出端子连接。
5. 同轴数字信号输入/输出端子(S/PdIf)
作为同轴数字信号输入端子时，用标准75Ω同轴数字电缆与音源的同轴数字输出端子连接。
作为同轴数字信号输出时，用标准75Ω同轴数字电缆与解码器的同轴数字输入端子连接。
6. 电源输入(USB-C插座
机器的电源由此输入。
7. 蓝牙接收天线
用于接收蓝牙信号。

连 接

1.连接电源

①.使用电源适配器（输出5V）用Type-C线对本机进行连接通电

2. 连接设备

2.1.通过蓝牙连接手机、平板电脑或音乐播放器等设备，由本机接收解码并驱动耳机或者输出线路信号给台式功放驱动音箱；

2.2.通过SPDIF数字输入端子接收机顶盒、电视机或CD/DVD播放机的SPDIF数字输出信号，由本机接收解码并驱动耳机或者输出线路信号给台式功放驱动音箱；

2.3.通过线路输入端子接收手机、平板电脑、音乐播放器、机顶盒、电视机或CD/DVD播放机的线路输出信号，由本机的耳机放大电路驱动耳机。

2.4.在使用蓝牙连接设备时，SPDIF数字信号输出给AV功放，由H1解码器进行解码，解码出的音频信号输出给台式功放驱动音箱或耳机，也可输出给有源音箱使用。

2.5.4.4mm平衡，6.35mm单端耳机驱动输出，可通过转接头支持2.5mm平衡插头或3.5mm单端插头的耳机。

遥控发射器说明

本机出厂不配遥控器，如果需要请另外购买。

1. “ ⏻ ”：待机或开机
2. “ ⏏ ”：本机无此功能
3. “SOURCE”：音源切换
4. “FUN 1”：滤波器选择
5. “FUN 2”：断开蓝牙设备
6. “ ⏯ ”：播放/暂停
7. “ ⏭ ”：本机无此功能
8. “ ⏮ ”：本机无此功能
9. “ ⏭ ”：参照“基本操作”之“6.选曲”
10. “ ⏮ ”：参照“基本操作”之“6.选曲”
11. “REPEAT”：本机无此功能
12. “STOP”：本机无此功能
13. “DISPLAY”：显示屏亮度调节
14. “RANDOM”：本机无此功能
15. “0”、“1”、“2”…“9”：本机无此功能
16. “A-B”：本机无此功能

遥控器电池的安装如图：

①.将两节“ AAA R03/1.5V”电池按照电池仓内标注的正负极方向放置。
②.当遥控器无法操作本机时，请更换电池。

基本操作

开机前请再次确认系统中各种连线是否正确。

1. 供电
使用Type-C线，一端连接5V适配器或者USB口，另一端连接本设备，上电后，机器处于待机状态，前面板指示灯一亮一灭循环显示。
2. 开机/待机
在待机状态下，长按前面板上的“ ⏻ ”键或按遥控器上的“ ⏻ ”键打开电源，显示屏显示相应内容。在正常工作中，长按前面板上的“ ⏻ ”键或按遥控器上的“ ⏻ ”键，机器进入待机状态，显示屏熄灭。
3. 音源选择
按前面板上的“SOURCE”键或按遥控器上的“ SOURCE ”键切换音源，根据需要选择“BT”、“LINE”或者 “SPDIF”。
3.1. 使用蓝牙
按前面板上的“SOURCE”键或按遥控器上的“SOURCE”键切换到“BT”界面，然后在蓝牙终端（如手机）配对本设备，配对成功后，前面板指示灯常亮。
再次开机本设备会自动配对最后一次配对成功的蓝牙终端，无需再次手动连接。
使用蓝牙输入时，同轴作为输出，可连接解码器等设备。
本设备支持SBC、AAC、aptX、aptX-LL、aptX-HD和LDAC协议，支持44.1KHz、48KHz和96KHz采样率。
4. 播放
按前面板上的“ ⏯ ”键或按遥控器上的“ ⏯ ”键进行播放。
5. 暂停播放
在播放状态下，按前面板上的“ ⏯ ”键或按遥控器上的“ ⏯ ”键，暂停播放；
在暂停状态下，按前面板上的“ ⏯ ”键或按遥控器上的“ ⏯ ”键，从暂停的位置开始播放。
6. 向前/向后选曲
按前面板上的“ ⏭ ”键或按遥控器上的“⏮”键，跳转至当前曲目的前一首播放。
按前面板上的“ ⏮ ”键或按遥控器上的“⏭”键，跳转至当前曲目的后一首播放。
7. 断开连接
长按前面板“ ⏯ ”或长按遥控器上的“FUN 2”键强制断开与蓝牙终端的连接，断开连接后，前面板指示灯灭。
8. 使用SPDIF输入
按前面板上的“SOURCE”键或遥控器上的“SOURCE”键切换到“SPDIF”界面，同轴输入支持44.1kHz-192kHz采样率。
9. 使用外部模拟输入
按前面板上的“SOURCE”键或遥控器上的“SOURCE”键切换到“LINE”界面。
10. 滤波器设置
长按前面板“SOURCE”或按遥控器“FUN 1”键进入滤波器选择界面，按 “SOURCE”或者“FUN 1”键循环选择滤波器类型，滤波器分别有“Fast Roll-Off”、“Slow Roll-Off”和“Minimum Phase”。
11. 调节音量
顺时针或逆时针旋转前面板“VOLUME”旋钮，可以调节耳机音量大小。

安全注意事项

1. 长期不使用本机时请把电源的Type-C线拔掉，并妥善保管本机。
2. 搬运中注意轻拿轻放，避免损坏机器。
3. 下列场所本机可能会凝聚湿气（露水）：本机在刚打开暖气、有蒸气或高温的房间内；本机从寒冷的环境突然搬进温暖的房间内；本机从凉爽的环境，如有空调的房间或车内，突然带到极热且湿气很重的地方。如果机内凝聚湿气，将不能正常工作，请确认无湿气形成后再使用本机。
4. 本机严禁遭水溅或水泼，机器上及周围不要放置诸如花瓶等装有液体的物品，以免引起触电或损坏机器。
5. 任何维修，只能由符合资格的维修人员进行。不要自行拆卸本机，非专业人员对本机的处理，容易造成本机的损坏。
6. 清洁本产品前，请拔出Type-C线。请用柔软、清洁的布擦拭主机外壳，请勿使用挥发性溶液或其它腐蚀性清洁剂。
7. 不要将任何易燃物品放在本机上。
8. 阳光直射产品或高温会造成组件参数变化或损坏，请避免阳光直射或在高温下使用本产品。
9. 如果本机出现故障，请与斯巴克公司经销商或市场营销部联系。

一般故障处理

为了使设备能维持其卓越性能，请注意做好保养和正确操作。不正确的操作会导致误认为故障，如果本机有问题请检查下列事项。有时候问题可能出在其他设备上，请检查其他设备以及相关的连接线路，如果故障未被消除，请与斯巴克公司经销商或市场营销部联系。

故障现象	可能的原因	解决方法
状态指示灯不亮	电源适配器没接通电源	检查电源适配器供电电路
	Type-C线未插好	重新插好Type-C插头
遥控功能素乏或不灵	受外界干扰	请远离干扰源
	遥控器电池电量不足	更换新电池
	遥控器与本机间有障碍物	避免该情况
线路无输出或耳机无声音	音源输入选择错误	重新选择对应的音源输入
	蓝牙设备连接失败或未播放	重新连接蓝牙设备和播放曲目
	音量旋钮在最小位置	顺时针旋转音量旋钮调节音量大小

欢迎使用二维码访问

微信号：
Cayin精品音响

新浪微博：
Cayin音响

珠海斯巴克电子设备有限公司

电话：0756-3828711 传真：0756-3828722

邮箱：market@cayin.cn

地址：广东省珠海市联港工业区联发路9号 邮编：519045

www.cayin.cn 您能在我们的网站上找到离您最近的经销商

V1.0-20240815

反面

BTC-2
Hi-Res Bluetooth DAC AMP

User Manual

Thank you for choosing the BTC-2 Hi-Res Bluetooth DAC AMP. To ensure you get the most out of your device and enjoy its full range of features, please take the time to carefully read this user manual before using the unit.
Important Notice:

- If the product serial numbers on the packaging box, device casing, and warranty card do not match, have been altered, or are missing, or if the warranty card is missing, you will not be eligible for after-sales service.
- Without prior written permission from our company, it is strictly prohibited to reproduce, transmit, or distribute this document in any form.
- The product specifications and information mentioned in this manual are for reference only. Updates to the content may be made without prior notice.

Package Contents

Before opening the packaging box, please carefully inspect it for any signs of drops, damage, or moisture. The contents of the box include:
BTC-2 Hi-Res Bluetooth DAC AMP ×1;
User Manual ×1;
USB Cable ×1;
Remote Control ×1 piece;
Note: Any items not listed above are not included.

Specifications

SPDIF INPUT	Single-ended Headphone Output @32Ω	Output Power	190mW+190mW(THD+N: 0.5%)
		Frequency Response	10Hz-28kHz (±0.2dB,Fs=192kHz)
		THD+N	0.0025% (1kHz;20Hz-20kHz,at 1Vrms Output)
		Dynamic Range	116dB (20Hz-20kHz, A-weighting)
		SNR	116dB (20Hz-20kHz, A-weighting)
		Channel Separation	68dB (1kHz, A-weighting)
		Output Impedance	Approximately 0.5Ω
	Balanced Headphone Output @32Ω	Output Power	280mW+280mW (THD+N: 0.5%)
		Frequency Response	20Hz-28kHz (±0.2dB,Fs=192kHz)
		THD+N	0.0045%(1kHz, 20Hz-20kHz, at 1Vrms Output)
		Dynamic Range	115dB (20Hz-20kHz, A-weighting)
		SNR	115dB (20Hz-20kHz, A-weighting)
		Channel Separation	117dB(1kHz, A-weighting)
		Output Impedance	Approximately 1.0Ω
	Line Out @47kΩ	Output Voltage	2.1V
		Frequency Response	10Hz-35kHz (±0.2dB,Fs=192kHz)
		THD+N	0.0031% (1kHz,20Hz-20kHz, at 1Vrms Output)
		Dynamic Range	120dB (20Hz-20kHz, A-weighting)
		SNR	120dB (20Hz-20kHz, A-weighting)
		Channel Separation	122dB (1kHz, A-weighting)
		Output Impedance	Approximately 110Ω

Bluetooth Input	Single-ended Headphone Output @32Ω	Output Power	190mW+190mW(THD+N: 0.5%)
		Frequency Response	20Hz-28kHz (±0.2dB,Fs=96kHz)
		THD+N	0.0025% (1kHz;20Hz-20kHz,at 1Vrms Output)
		Dynamic Range	116dB (20Hz-20kHz, A-weighting)
		SNR	116dB (20Hz-20kHz, A-weighting)
		Channel Separation	68dB (1kHz,A-weighting)
		Output Impedance	Approximately 0.5Ω
	Balanced Headphone Output @32Ω	Output Power	280mW+280mW(THD+N:0.5%)
		Frequency Response	20Hz-28kHz (±0.2dB,Fs=96kHz)
		THD+N	0.0052% (1kHz; at 1Vrms Output)
		Dynamic Range	115dB (20Hz-20kHz, A-weighting)
		SNR	115dB (20Hz-20kHz, A-weighting)
		Channel Separation	95dB (1kHz, A-weighting)
		Output Impedance	Approximately 1.0Ω
	Line Out @47kΩ	Output Voltage	2.1V
		Frequency Response	10Hz-28kHz (±0.2dB)
		THD+N	0.0031% (1kHz;20Hz-20kHz)
		Dynamic Range	120dB (20Hz-20kHz, A-weighting)
		SNR	120dB (20Hz-20kHz, A-weighting)
		Channel Separation	118dB (1kHz,A-weighting)
		Output Impedance	Approximately 110Ω
	Digital Output	Output Impedance	75Ω
		Output Level	0.5Vp-p @75Ω

Hardware Specifications	
Bluetooth SoC	Qualcomm QC CS 125
Bluetooth Codecs	LDAC/aptX HD/aptX LL/aptX/AAC/SBC (Formats Displayed on Screen)
Supported Formats for S/PDIF Input	PCM: 16Bit-24Bit,44. 1kHz-192kHz
Bluetooth Version	v5.1
Dimension	168*167*39. 5mm
Weight	Approximately 0. 75kg

Front Panel

1. Power Switch
Standby or Power On. ;
2. 4.4mm Balanced Headphone Jack
For connecting 4.4mm balanced headphones.
3. Status Indicator
Solid light indicates the device is connected via Bluetooth; flashing indicates the device is in standby mode; no light indicates the device is either not in Bluetooth input mode, or in Bluetooth mode with no successful connection.
4. 6.35mm Single-ended Headphone Jack
For connecting 6.35mm single-ended headphones.
5. Remote Control Sensor
For receiving commands from the infrared remote control.
6. OLED Display
For displaying the working status.
7. Source/Filter
For switching audio sources or filters.
8. Previous Refer to “Basic Operation” section “ 6. Track Selection.
9. Next
Refer to “Basic Operation” section “ 6. Track Selection.
10. Play/Pause/Disconnect Bluetooth Device
Refer to “Basic Operation” section “ 4. Play” and “5. Pause.”
Press and hold the button to forcibly disconnect the connected Bluetooth. device
11. Volume Knob
For adjusting the volume.

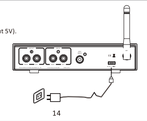
Rear Panel

1. Right Channel Line Output Connector
Connect to the right channel line input terminal of a power amplifier using an audio signal cable.
2. Left Channel Line Output Connector
Connect to the left channel line input terminal of a power amplifier using an audio signal cable.
3. Right Channel Line Input Connector
Connect to the right channel line output terminal of the audio source using an audio signal cable.
4. Left Channel Line Input Connector
Connect to the left channel line output terminal of the audio source using an audio signal cable.
5. Coaxial Digital Signal Input/Output Terminal (S/PDIF)
When used as a coaxial digital signal input terminal, connect to the coaxial digital output terminal of the audio source using a standard 75Ω?coaxial digital cable.
When used as a coaxial digital signal output terminal, connect to the coaxial digital input terminal of a DAC using a standard 75Ω?coaxial digital cable.
6. Power Input (USB-C Socket)
The device receives its power through this input.
7. Bluetooth Antenna
Used for receiving Bluetooth signals.

Making Connections

1.Connect the Power

①. Use a power adapter (output 5V).



2. Connect the Devices
2.1. Connect to a smartphone, tablet, or music player via Bluetooth. The BTC-2 will receive, decode, and drive headphones, or output a line signal to an amplifier to drive speakers.
2.2. Connect via the S/PDIF digital input connector to receive the SPDIF digital output signal from a set-top box, TV, or CD/DVD player. The device will receive, decode, and drive headphones, or output a line signal to an amplifier to drive speakers.
2.3. Connect the line input terminal to receive the line output signal from a smartphone, tablet, music player, set-top box, TV, or CD/DVD player. The device will not decode the signal again, but will amplify the line signal to drive the headphones.
2.4. When using a Bluetooth connection, the SPDIF digital signal can be output to an AV amplifier or Hi-Fi DAC for decoding.
2.5. You can use an adapter to connect 2.5mm balanced headphones and 3.5mm single-ended headphones to 4.4mm and 6.35mm headphone jacks on this device.

Remote Control

1. “ ⏻ ”： Standby or Power On
2. “ ⏏ ”： The device does not have this function
3. “SOURCE”： Source selection
4. “FUN 1”： Filter selection.
5. “FUN 2”： Disconnect Bluetooth device
6. “ ⏯ ”： Play/Pause.
7. “ ⏭ ”： The device does not have this function.
8. “ ⏮ ”： The device does not have this function.
9. “ ⏭ ”： Refer to “Basic Operation” section “6. Track Selection.”
10. “ ⏮ ”： Refer to “Basic Operation” section “6. Track Selection.”
11. “REPEAT”： The device does not have this function.
12. “STOP”： The device does not have this function.
13. “DISPLAY”： Adjust the brightness of the display screen.
14. “RANDOM”： The device does not have this function.
15. “0”、“1”、“2”…“9”： The device does not have this function.
16. “A-B”： The device does not have this function.

Installing the Remote Control Batteries (as shown in the picture):
①. Insert two “AAA R03/1.5V” batteries according to the positive and negative markings inside the battery compartment.
②. Replace the batteries if the remote control is not functioning.

Basic Operation

Before powering on, please ensure all connections are correct.
1. Power Supply
Use a Type-C cable to connect one end to a 5V adapter or USB port, and the other end to the device. Once powered on, the device will be in standby mode, with the front panel indicator light blinking on and off.
2. Power On/Standby
In standby mode, press and hold the “ ⏻ ”button on the front panel or the “ ⏻ ” button on the remote control to power on the device. The display will show the corresponding content. During normal operation, press and hold the “ ⏻ ” button on the front panel or the “ ⏻ ” button on the remote control to enter standby mode, the display will turn off.
3. Source Selection
Press the “SOURCE”button on the front panel or the “SOURCE” button on the remote control to switch the audio source. Choose between “BT (Bluetooth),” “LINE (Line In),” or “COAXIAL (S/PDIF)” as needed.
3.1. Using Bluetooth
Press the “SOURCE” button on the front panel or the “SOURCE” button on the remote control to switch to the “BT”?interface, then pair the device with a Bluetooth compatible device (e.g., smartphone). Once paired successfully, the front panel indicator light will stay on. Upon subsequent power-ons, the device will automatically pair with the last successfully connected Bluetooth device without the need for manual reconnection. When using Bluetooth input, the coaxial output can be connected to a DAC or other equipment.
The device supports SBC, AAC, aptX, aptX-LL, aptX-HD, and LDAC codecs and supports sampling rates of 44.1kHz, 48kHz, and 96kHz.
4. Play
Press the “ ⏯ ” button on the front panel or the “ ⏯ ” button on the remote control to start playback.
5. Pause
While playing, press the “ ⏯ ” button on the front panel or the “ ⏯ ” button on the remote control to pause playback;
While paused, press the “ ⏯ ” button on the front panel or the “ ⏯ ” button on the remote control to resume playback from the paused position.
6. Previous/Next Track
Press the “ ⏮ ” button on the front panel or the “ ⏮ ” button on the remote control to skip to the previous track.
Press the “ ⏭ ” button on the front panel or the “ ⏭ ” button on the remote control to skip to the next track.
7. Disconnect
Press and hold the “ ⏯ ” button on the front panel or the “FUN 2” button on the remote control to forcibly disconnect the Bluetooth connection. Once disconnected, the front panel indicator light will turn off.
8. Using S/PDIF Input
Press the “SOURCE” button on the front panel or the “SOURCE” button on the remote control to switch to the “S/PDIF” interface. The coaxial input supports sampling rates from 44.1kHz to 192kHz.

9. Using Line Input
Press the “SOURCE” button on the front panel or the “SOURCE” button on the remote control to switch to the “LINE” interface.
10. Filter Settings
Press and hold the “SOURCE” button on the front panel or the “FUN 1” button on the remote control to enter the filter selection interface. Press the “SOURCE” or “FUN 1” button to cycle through the filter types: “Fast Roll-Off,” “Slow Roll-Off,” and “Minimum Phase.”
11. Adjusting Volume
Rotate the “VOLUME” knob on the front panel clockwise or counterclockwise to adjust the headphone volume.

Safety Precautions

1. If the device will not be used for an extended period, please disconnect the USB-C power cable and store the device properly.
2. Handle the machine with care during transportation to avoid damaging it.
3. Moisture (condensation) may condense in the following cases: when the heater is just turned on /in a room with high temperature or steam; when the unit is taken from a cold environment to a warm room; when the unit is taken from a cool environment, such as an air-conditioned room or a car, to a hot and humid place.
If moisture builds up inside the unit, it may not work properly, therefore, please make sure that the moisture is removed before using the unit.
4. Do not place vases or other liquid-filled items near the machine. If water splashes on or enters the machine, it can cause electric shock or damage.
5. Do not service this product yourself. Opening the cover can expose you to dangerous voltage or other hazards. Cayin is not responsible for any damage caused by unauthorized disassembly. For repairs, please contact your nearest dealer or our customer service department.
6. Before cleaning this product, please unplug the Type-C cable. It is recommended to clean the machine periodically using a soft cloth. Do not use chemical solvents for cleaning.
7. Do not place any flammable materials on or near the device.
8. Direct sunlight or high temperature will accelerate the aging of components or even cause damage, please avoid direct sunlight or high temperature environment to use the product.
9. If the machine malfunctions, please contact the authorized dealer where you bought the product or the after-sales service department of our company.

Troubleshooting

To ensure optimal performance of the machine, it is essential to adhere to proper maintenance procedures and operate it correctly. Incorrect operation may lead to abnormal functioning of the machine. Should any issues arise with the unit, please perform the following checks. It is possible that the problem may originate from other equipment; therefore, please also inspect the other devices and relevant connections. If the problem persists, kindly reach out to your nearest authorized dealer or our after-sales department for further inspection and assistance.

Problem	Cause	Solution
Indicator Light Off	Power Not Connected	Check the power adapter’s power supply circuit
	Type-C Cable Not Properly Connected	Reinsert the Type-C plug securely
Remote Control Malfunction	External Interference	Check and remove the source of interference
	Remote Control Battery Low	Replace with new batteries
	Obstructions Between Remote Control and Device	Ensure there are no obstructions
No Line Output or No Sound from Headphones	Incorrect Source Input Selected	Incorrect Source Input Selection
	Bluetooth Device Connection Failure or No Playback	Reconnect the Bluetooth device and play the track
	Volume Knob at Minimum Position	Rotate the volume knob clockwise to increase the volume