

PAIYON

DB-1 蓝牙解码器

产品使用说明书

Instruction Manual



深圳市派扬音响有限公司出品
Shen Zhen Paiyon Audio Ltd.

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技术参数Parameter

产品型号 (Model) : DB-1	产品类型 (Type) : 音频解码器(DAC)
输入接口(Input)	
蓝牙 (Bluetooth) : LDAC,aptX-HD,sbc,aac,aptx,aptxll,apt-Adaptive	
同轴 (Coaxial) : PCM24bit/192kHz,Dop64	
光纤 (Optical) : PCM24bit/192kHz,Dop64	
输出接口 (Output)	
RCA : 2.3Vrms	频率响应 (Frequency) :20-20KHz±0.15dB
信噪比 (S/N) : > 115dB	解码失真度 (Distortion) : < 0.0004%
动态范围 (Dynamic range) : 118dB	声道分离度 (Separation) : -120dB
电源Power	
电源及接口Power Tpye : Tpye-C DC5V/2A	整机功耗Power: 约3W

技术特点Feature

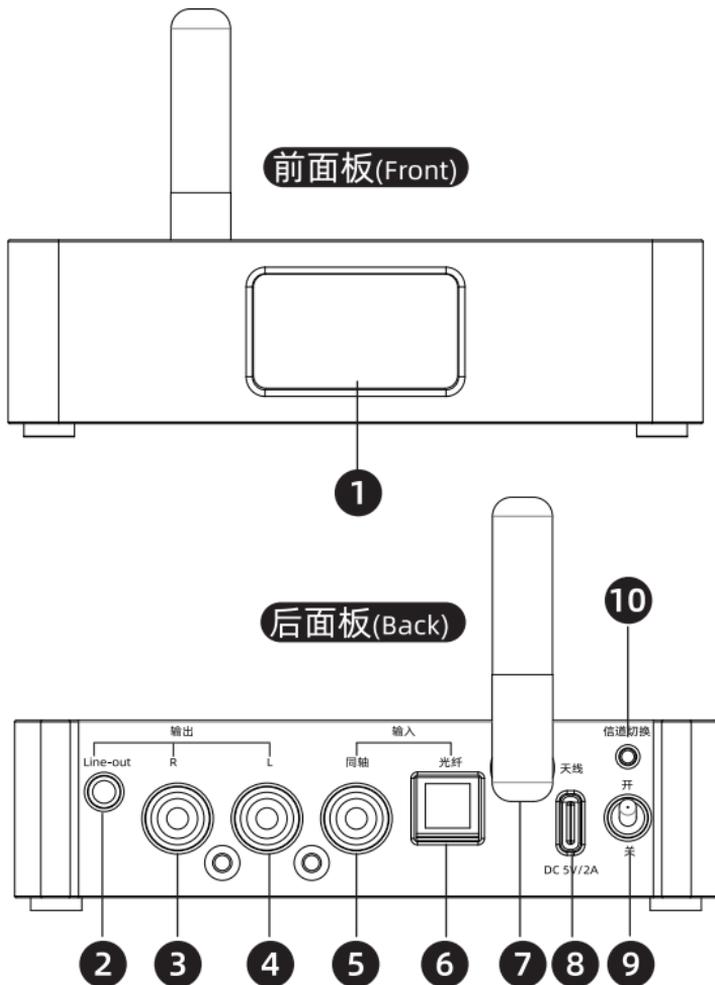
- 1、采用高通QCC5125蓝牙5.1版本模块，最高支持24bit/96Khz音频音乐；
 - 2、针对蓝牙音频而设计的CPLD，较低相噪的时钟，更清晰的细节和层次；
 - 3、采用ES9038Q2M解码，支持同轴、光纤输入（支持Dop64）；
 - 4、内置低噪声电源；
 - 5、采用4片NJM5532，丰富的音乐表现，模拟味浓郁；
 - 6、全铝CNC外壳，精湛的工艺，细腻质感。
1. Qualcomm Qcc5125 Bluetooth Version 5.1 Module, Supporting Up To 24bit/96khz Audio Music;
 2. Cpld Designed For Bluetooth Audio, Lower Phase Noise Clock, Clearer Details And Levels;
 3. Es9038q2m DAC Chiped Supporting Coaxial And Optica Input (Supporting Dop64);
 4. Low Noise Power Supply;
 5. 4 Chiped Njm5532 Pieces, Rich Music Expression And Rich Simulation Flavor;
 6. Cnc Shell,

功能面板 Function panel

功能面板介绍(Introduction off Function Panel):

正确设置和接线会让您的新设备发挥更出色，请仔细阅读接下来的篇章

Proper setup and wiring will make your new device perform better. Please read the following chapters carefully



功能面板Function Panel

1 LCD显示屏(Lcd Screen)

DB-1解码器状态显示屏，可以显示当前信道、音量、数字接口采样率等。
The DB-1 DAC status display screen can display the current channel, volume, digital interface sampling rate, etc.



2.Line-out线路输出

线路输出，可以接入具有3.5mm接口的功率放大器
Can be connected to a power amplifier with a 3.5mm interface

3/4.单端RCA输出口(RCA Output)

RCA单端输出接口，可以接入具有RCA接口的功率放大器
RCA output interface, which can be connected to a power amplifier with RCA interface

5 同轴数字输入接口(Coaxial Input)

当你的音源是数字同轴信号时，选用同轴线插入此接口。
When your audio source is a digital coaxial signal, s/pdf input

6 OPT光纤输入接口(Optical INPUT)

当你的音源为光纤数字信号时，使用光纤插入此接口。
When your audio source is a fiber optic digital signal, optical input

7 蓝牙天线接口(Antenna)

将附带的蓝牙天线顺时针拧在此插口上，天线垂直，无遮挡可以增强蓝牙信号。

Screw the included Bluetooth antenna clockwise onto this socket so that the antenna is vertical and unobstructed to enhance the Bluetooth signal.

8 DC 5V/2A电源输入插口 (Power Input)

请使用本产品配送的电源线插入您家里的市电插板，请使用随机配电源插入
Please use the Power Adapter provided with this product to plug into the mains power strip in your home. Please use the power supply that comes with it to plug in.

9 电源总开关 (switch)

电源总开关，将开关方向往上拨时为开机通电状态，方向往下打时为关机状态

Main power switch, when the switch direction is turned up, power-on state, and when the direction is turned down, power-off

10 信道切换 (Channel selector)

可通过此按钮作为同轴、光纤、蓝牙信道切换选择

This button can be used to selector between coaxial, optical and Bluetooth

使用说明Instructions

电源连接Power connection:

- 1、插上5V电源（TYPE-C接口的手机充电器即可）
- 2、电源开关拨到“开”即开机，“关”即关机

1. Plug in the 5V power supply (mobile TYPE-C interface will suffice)
2. Turn the power switch to “on” to turn it on, and “off” to turn it off

输出连接Output Connection:

1、首先将RCA音频线的一端RCA插入到解码器的R/L输出口，另外一端插到带音量调节的功放或者有源音箱的R/L单端RCA的输入口

2、如果你想用Line-out输出接口接入您的设备，可以准备一根3.5mm立体声插头的信号，一头插入解码器的Line-out接口，另一头插入到您的设备即可

1. First, plug one end of the RCA audio cable into the R/L output port of the decoder, and the other end into the R/L single-ended RCA input port of a power amplifier with volume adjustment or an active speaker.

2. If you want to use Connect the Line-out output interface to your device. You can prepare a signal from a 3.5mm stereo plug. Plug one end into the Line-out interface of the decoder and the other end into your device.

蓝牙输入连接方法Bluetooth connectivity :

1、按压切换开关切换到蓝牙模式，面板会显示“等待连接...”，

2、此时将手机（或电视等）的蓝牙功能打开，搜索到 PAIYON DB-1点击配对并连接

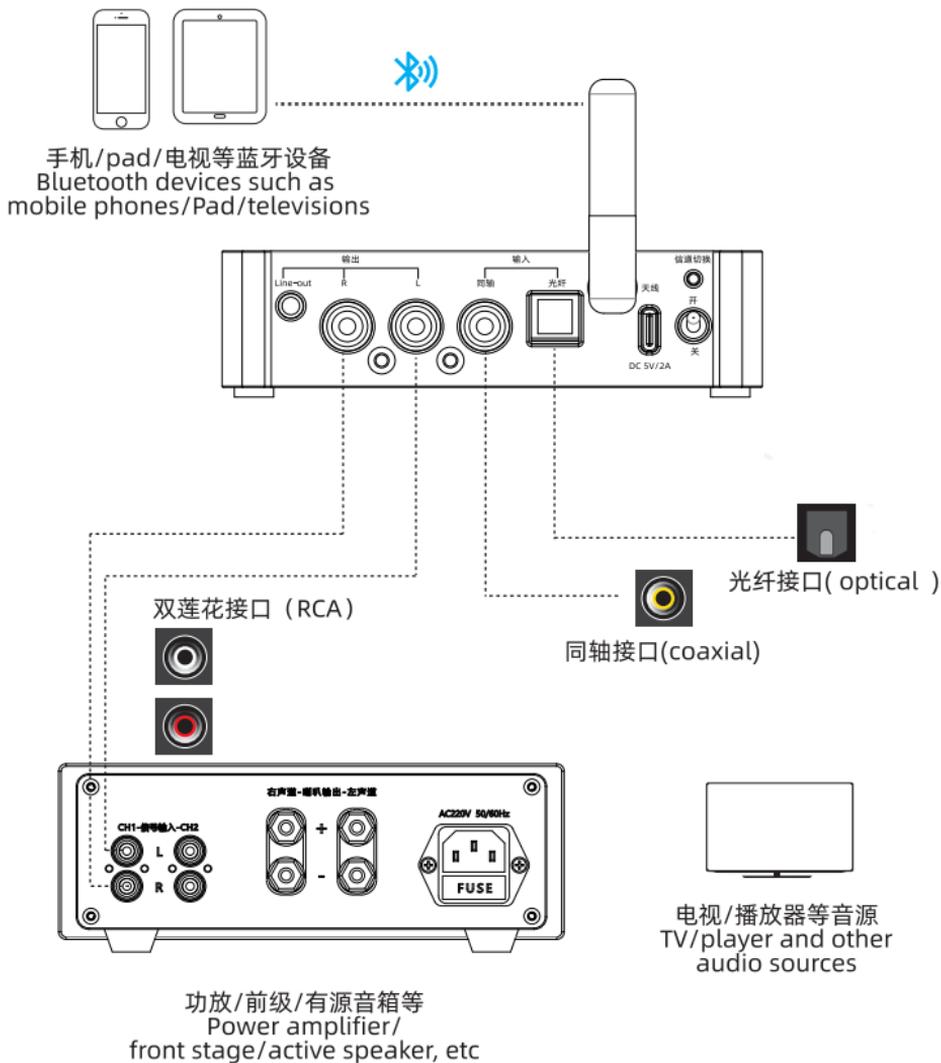
3、连接成功后显示屏显示“已连接”，手机（或电视等）播放音量调到合适即可

1. Press the switch to selector Bluetooth mode, and the panel will display "Waiting for Connection...";

2. At this point, turn on the Bluetooth function of your phone (or TV, etc.), searching for PAIYON DB-1, click pair and connect

3. After successful connection, the display screen shows "Connected", and the playback volume of the phone (or TV, etc.) can be adjusted to the appropriate level

接线示意图Wiring diagram:



光纤/同轴输入连接方法 Coaxial fiber optic input:

1、当您想用光纤或者同轴接入DB-1做解码器的时候，可以用光纤/同轴线，一头对应插入您的播放设备，另一头插入DB-1解码器的光纤/同轴输入接口按压切换开关切换到对应的同轴或者光纤输入即可。

1. When you want to use fiber optic or coaxial to connect to DB-1 DAC, you can use s/pdif/coaxial lines, with one end inserted into your playback device and the other end inserted into the fiber optic/coaxial input interface of DB-1 decoder. Press the switch to switch to the corresponding coaxial or fiber optic input.

注意:

*连接音频信号线时请将电源开关置于关闭位置

*连接时一定要确保接触良好，防止插头松动而造成对音质的损害

*连接信号线的好坏直接影响声音重放质量，建议使用高品质hifi专用信号线

*Please place the power switch in the off position when connecting the audio signal cable

*Ensure good contact when connecting to prevent damage to sound quality caused by loose plugs

*The quality of connecting signal cables directly affects the quality of sound playback. It is recommended to use high-quality hifi cables

保养与一般故障Maintenance

保养maintainance:

本产品选料考究，工艺精细，在符合要求的环境下，可以长期稳定工作，一般不需要做特别的护理。机器表面应避免接触腐蚀性液体和气体，不宜长期放置于高温、潮湿及温度、湿度变化很大的场所，也不宜长期放置于阳光直射处，设备上(或旁边)不能放置花瓶等带液体之类物体。如有灰尘可定期用洁净的软布清除，如有污渍，可用不含强化学溶剂的清洁剂擦拭。

This product has carefully selected materials and fine workmanship. Under an environment that meets the requirements, it can work stably for a long time and generally does not require special care. The surface of the machine should avoid contact with corrosive liquids and gases. It should not be placed in places with high temperature, humidity, or places with large changes in temperature and humidity for a long time. It should not be placed in direct sunlight for a long time. Do not place vases or other liquid-containing objects on (or next to) the equipment. class object. If there is dust, it can be removed regularly with a clean soft cloth. If there are stains, it can be wiped with a detergent that does not contain strong chemical solvents.

一般故障General fault:

1.音质变坏

- a.检查播放的音源是否有损坏
- b.检查音源、解码、功放、音箱之间的连接线是否牢固
- c.检查音箱扬声器是否全部在发声，判断是否有扬声器故障或损坏

1. The sound quality deteriorates

- a. Check whether the played sound source is damaged.
- b. Check whether the connection cables between the sound source, decoder, power amplifier and speakers are firm.
- c. Check whether all the speakers of the speaker box are making sound, and determine whether any speakers are faulty or damaged.

2.完全无声

- a.检查电源线是否连接好，开关电源是否在打开状态
- b.检查音源、解码、功放、音箱之间的连接线是否脱落或者接触不良
- c.检查设备音量是否在最小音量位置

2. Completely silent

- a. Check whether the power cord is connected properly and whether the switch power supply is on.
- b. Check whether the connection cables between the audio source, decoder, power amplifier and speakers are detached or have poor contact.
- c. Check whether the device volume is at the minimum volume position.

售后服务和安全警告 After-sales service

关于保修 About warranty:

本设备内部没有用户可以自行维修的地方，所有问题必须由有家电维修资质的专业人员进行，如果参照“一般故障”仍无法排除故障，请及时与派扬音响售后客服联系，我们会针对具体情况妥善处理。

整机免费保修一年，如果是网络邮购需要返厂修理的，在保修期间双方各自承担运输费用，如果用户能够自己动手的我们将提供技术支持，免费寄送元器件，保修期限以购买日期为准。

There is no place inside this equipment that users can repair by themselves. All problems must be handled by professionals with home appliance repair qualifications. If the fault still cannot be eliminated by referring to "General faults", please contact Paiyang Audio after-sales customer service in time. We will deal with the specific situation. Dispose of it properly. The whole machine has a free one-year warranty. If it is purchased online and needs to be returned to the factory for repair, both parties will bear the transportation costs during the warranty period. If the user is able to do it himself, we will provide technical support and send components free of charge. The warranty period is based on the purchase date. allow.

保修条款Warranty:

(一)保修范围本公司生产和销售的产品在保用期内(一年), 正常使用和维护的情况下, 产品本身器件材料及工艺出现问题或发生故障并经公司技术人员检查确认属实, 免费维修;购买成功15天内确有严重质量问题的, 可以选择退/换货家有特殊承诺的, 按厂家规定办理, 保修期间产生的运费双方各自承担50%。

(二)非保修范围

- 1、不可控制之意外, 及不可抗力因素造成的损坏
- 2、用户的疏忽而引起或导致的人为磨损或损耗3自行修改产品任何部分(如线路、零件等等)(不予维修)
- 4、电压不稳定或电压超过额定标准电压造成损坏的
- 5用户操作不当或保管不当造成损坏的
- 6、自然灾害(如雷击等)造成损坏的擅自打开机器或与原提供产品有明显物理性差别的(不予维修)

(三)非保修范围的收费

- 1、凡是本公司销售产品发生非保修范围内之问题的, 仅收取元件成本费, 不收任何人工费。
- 2、维修期间产生的所有运费由客户自行承担。

(一) Warranty Scope During the warranty period (one year) of the products produced and sold by our company, under normal use and maintenance, if there is a problem or malfunction in the component materials and workmanship of the product itself and it is confirmed to be true by the company's technical personnel, Free maintenance; if there are serious quality problems within 15 days of purchase, you can choose to return/exchange the product. If the manufacturer has a special commitment, it will be handled in accordance with the manufacturer's regulations. Both parties will bear 50% of the freight incurred during the warranty period.

(二) Non-warranty scope

1. Damage caused by uncontrollable accidents and force majeure factors

2. Man-made wear or loss caused or caused by the user's negligence
3. Modify any part of the product (such as lines, parts, etc.) by yourself (not allowed) Maintenance)
4. Damage caused by unstable voltage or voltage exceeding the rated standard voltage
4. Damage caused by unstable voltage or voltage exceeding the rated standard voltage
- 5 Damage caused by improper operation or improper storage by the user
6. Damage caused by natural disasters (such as lightning strikes, etc.) Opening the machine without authorization or having obvious physical differences with the original product Different (no repairs)

(三) Charges outside the scope of warranty

1. If a product sold by our company has a problem that is not within the scope of the warranty, only the component cost will be charged, and no labor fees will be charged.
2. All freight costs incurred during the maintenance period shall be borne by the customer.

警告warn:

为了减少火灾或触电的危险，请不要让本设备遭受雨淋或液体溅洒，并确保设备使用环境干燥无潮湿，确保设备上不放置任何盛有液体的物体，如花瓶、鱼缸、茶杯等。本设备使用220V交流电源，务必遵守安全用电规定，确保设备出厂设置功率要求与您所处地的市电电源相匹配。本设备应安装在靠近电源插座的地方，并确保能方便切断电源，确保能方便地从交流电源插座拔下电源插头，以完全断开交流电源。当设备长期不使用时或外出家中无人时，从交流插座拔下本机电源插头，确保本机完全断电。不要将本设备放置在密闭的空间内，对散热不利，影响使用寿命。不要拆开本设备，私自拆解和磨机会自动失去保修权利，且内部有触电危险。

To reduce the risk of fire or electric shock, please do not expose this device to rain or liquid splashes, make sure the environment in which the device is used is dry and moisture-free, and ensure that no objects containing liquids are placed on the device, such as vases, fish tanks, tea cups, etc. This equipment uses 220V AC power supply. Be sure to comply with safe power usage regulations and ensure that the factory-set power

requirements of the equipment match the mains power supply in your location. This equipment should be installed near an electrical outlet and ensure easy disconnection of the power supply. Ensure easy removal of the power plug from the AC outlet to completely disconnect the AC power source. When the device is not in use for a long period of time or when there is no one at home, unplug the power plug of the device from the AC outlet to ensure that the device is completely powered off. Do not place this device in a closed space, as this is detrimental to heat dissipation and affects its service life. Do not disassemble this equipment. Disassembling and grinding it without permission will automatically void the warranty, and there is a risk of electric shock inside.

温馨提醒：

您必须注意未在本手册中明确许可的任何变动或修改均可能导致操作本设备无效，严重时可能导致设备损坏。

此产品仅适用于海拔2000米以下地区安全使用，仅适用于非热带气候条件下安全使用，正常工作环境温度在-30~32摄氏度，连续工作时间不宜超过8小时，若您需要长期不间断工作，请确保使用环境温度不高于25摄氏度且放置空间空气有对流，可以充分散热，否则，会由于过热启动保护装置。

*本产品存在不同批次的生产中可能会根据实际需求进行内部功能的升级，变更，具体变动恕不另行通知。如发现产品与描述不相符，请以实物为准

You must be aware that any changes or modifications not expressly approved in this manual may render the equipment ineffective or, in severe cases, cause damage to the equipment.

This product is only suitable for safe use in areas below 2,000 meters above sea level. It is only suitable for safe use in non-tropical climate conditions. The normal working environment temperature is -30~32 degrees Celsius. The continuous working time should not exceed 8 hours. If you need to work continuously for a long time, please ensure that the ambient temperature is not higher than 25 degrees Celsius and that the air in the placement space has convection and can fully dissipate heat. Otherwise, the protection device will be activated due to overheating.

*This product is produced in different batches and may undergo internal function upgrades and changes based on actual needs. Specific changes will be made without prior notice. If you find that the product does not match the description, please refer to the actual product.

产品中有害物质的名称及含量

Name and content of harmful substances in the product

部件名称 (Part Name)	有害物质Harmful substances					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cd(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
金属成分 (Metal)	X	○	○	○	○	○
塑胶部件 (Plastic)	○	○	○	○	○	○
电线电缆 (Cable)	X	○	○	○	○	○
电路板组件 (circuit board)	X	○	○	○	○	○
金属电镀件 (Electroplating)	○	○	○	X	○	○

本表格依据SJ/T 11364的规定编制。

This table is prepared in accordance with the provisions of SJ/T 11364.

○:表示该有害物质在该部件所有均值材料中含量均在GB/T 26572规定的限量要求以下。

x:表示该有害物质至少在该部件的某一均质材料中的含量超出GB/T 26572规定的限量要求。表中标有“X”的所有部件都符合欧盟RoHS法规(2011/65/EU号指令)。

注:环保使用期限取决于产品正常工作的温度和湿度等条件。

Indicates that the content of the hazardous substance in all mean materials of the component is below the limit requirements specified in GB/T 26572.

The content of the hazardous substance in at least one homogeneous material of the component exceeds the limit requirements specified in GB/T 26572. All components marked with "X" in the table comply with the EU RoHS regulation (Directive 2011/65/EU).

Note: The environmentally friendly usage period depends on the temperature and humidity conditions under which the product operates normally.

PAIYON 产品保修卡

产品名称 (Name)		产品型号 (model)	
产品编码 (Product code)		旺旺ID	
用户姓名 (User Name)		邮政编码 (Postal Code)	
购买日期 (Purchase date)			
用户地址 (User address)			
保修日期 (Warranty date)	故障描述 (Fault description)	完成日期 (Completion date)	

合格证 Certificate

型 号： _____
(Model)

出 产 日 期： _____
(Date)

检 验 员： _____
(Inspectors)

执 行 标 准： _____
(Standards)

GB/T 9254. 1-2021
GB 4943. 1-2022
GB 17625. 1-2022

派扬音响 不同凡响

致力于超高性价比发烧音响的研发和制造，
让普通工薪百姓享受高素质音乐是我们一贯的追求！

深圳市派扬音响有限公司
SHEN ZHEN PAIYON AUDIO CO.,LTD.

更多高性价比音响产品，请访问我们的
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Q Q：469884785
用 户 群：1358836



打开微信扫一扫
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