HIDIZS

DH80 & DH80S Manual
www.Hidizs.com

Hi-Res AUDIO | DSD Direct Stream Digital | MQA

Dear users,thank you for purchasing Hidizs DH80 & DH80S,a Hi-Res Audio and MQA certified HiFi Balanced DAC AMP.

The DH80 & DH80S features a powerful ESS9281C PRO DAC chip, dual independent op amps RT6863C and dual crystal oscillators.Native DSD64/128 and MQA audio technology is supported. Your music will be played back accurately by master clock for the powerful processing ability. With features like elegant design,compact body,3-level gain selection,sampling rate indicator light,up to 32Bit/384KHz sampling frequency, supporting Windows 10,Mac OS,iPad OS,Android,iOS,plug and play.

Professional HiFi acoustic tuning,which incorporates the unique insights of the Hidizs audio team on sound and rich experience in designing high-fidelity products.

MQA (Master Quality Authenticated)

MQA is an award-winning British technology that delivers the sound of the original master recording. The master MQA file is fully authenticated and is small enough to stream or download.

The DH80 & DH80s includes MQA Renderer technology,which can connect to an MQA Core signal and complete the final unfold of an MQA file.The LED glows magenta to indicate that the unit is rendering an MQA stream or file.This delivers the final unfold of the MQA file.

Hope Hidizs DH80 & DH80S makes your bad days tolerable and good days better!

For more information about Hidizs,please follow our official website,Weibo,Facebook!
Hidizs official site:www.hidizs.com OR www.hidizs.net

Quickstart Guide

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- 4.4mm Balanced headphone output jack
- Built-in magnet
- DH80 Audio data interface
- Volume up
- Volume down
- Battery indicator
- Power
- 3-level gain selection
- Power port
- Sampling rate indicator light
- 3.5mm SE headphone output jack
- Audio data interface

User Manual

Android User Guide

1.Connect the Android phone via the OTG cable.

2.Turn on the "USB debugging mode"of the phone,and the "OTG" option if there is one.

3.It is recommended to install the latest version of Hiby Music Player and turn on "Hiby Exclusive USB Output" in "Settings",if the phone's self-contained music player is unstable while using with DH80 & DH80S.

iPhone & iPad User Guide

1.Connect the New iPad via the Hidizs customized Type-C cable.

2.Please note: the Lightning to Type-C cable with OTG function has to be purchased separately to support iOS.

Windows PC User Guide

1.Connect the computer via a USB cable.

2.Only supports computers running Windows 10, no need to install a driver,plug and play.

3.PC settings:"Control panel"-"Sound" -"Playback"- select this product (DH80 & DH80S) as the default device.

Mac OS PC User Guide

1.Connect the Mac OS PC via a USB cable.

2.PC settings:"System preferences"-"Sound"-select this product as the default device.

Sampling Rate Indicator Light

Red:44.1k-48k
Blue:88.2k-384k
Pink:MQA

Power

1.Turn the DH80 & DH80S on,the LED indicator flashes while DH80/DH80S is in the correct connection with playback device, and lights up in different colors synchronized with the sampling rate of the currently played track. After pausing playback for 5 seconds, the indicator light is off and DH80 & DH80S goes into sleep mode.

With the independent power supply design,the charging port of DH80 & DH80S is independent,not for data processing or transmission.

(No need to worry if the power cable is mistakenly inserted into the data interface. Hidizs DH80 & DH80S have independent power control with safety protection)

2.It is a normal phenomenon if DH80 & DH80S is slightly overheating during charging.

Battery Indicator

Low battery: Red

Fully charged: constant green during charging, green light goes off after fully charged.

Charging: Green

Gain Selection & Volume Control

1. Volume control: + -

2. Gain selection: 3-level gain selection(high,medium,low).

Generally,choose the low gain for longer runtime.Choose the medium or high gain for more awesome audio experience when using with high-impedance headphones.

3.Recommended headphone impedance range:

High gain:100Ω-600Ω
Medium gain:50Ω-100Ω
Low gain:8Ω-50Ω

3.5mm SE & 4.4mm Balanced Headphone Output Jack

1. Please set the volume to the suitable level to avoid hearing damage. Set to 0 is recommended before insert the headphones.

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2. Output power: L:100mW + R:100mW@32Ω 3.5mm SE / L:200mW + R:200mW@32Ω Balanced 4.4mm.

Precautions

Please do not pull cable strongly to avoid breaking the cable.

When installing or unplugging the cable,please make sure the cable and the DH80 & DH80S are kept on the same line,otherwise it may results in cable breaking or loose contact.

Please keep the DH80 & DH80S away from fire,damp,strong magnetic field and children.

For your safety,please avoid using the DH80 & DH80S in dangerous environment.

If it is to be left unused for a long time,please unplug your DH80 & DH80S from the playing device.

Please set the volume to a suitable level to avoid hearing damage.
Refer to the following chart.(dB:volume, h:timeit)

90dB	92dB	95dB	97dB	100dB	102dB	105dB	110dB	115dB
8h	6h	4h	3h	2h	1.5h	1h	0.5h	0.25h

Warranty

1.From the date of purchase,the DH80 & DH80S are under warranty for twelve months and the cables are six months.

2.Please provide a valid purchase invoice or proof of purchase during repairs.

3.If any malfunction is caused by quality related problems within 7 days from the date of purchase,as well as the original packaging and all accessories were kept without damage,the product can be replaced for free or be refunded.

4.Within between 8th to 15th day from the date of purchase,-customers can apply for the replacement service only.

5.Repairs will be charged when out of warranty.

This warranty does not apply:

❶ Dismantling or repairing products without authorization.
❷ Products not sold by Hidizs company or Hidizs authorized distributors.
❸ Damages by water,drop,crash and others.
❹ Damages by natural hazards or accidents.
❺ Other damages not caused by Hidizs company.
❻ Fail to provide valid warranty proof.

Technical Support & After-Sales Service

1.Follow Hidizs Weibo,Facebook,Head-fi forum,QQ group (33504015) and Baidu Post for more information and after-sales service.

2.Please fill in your details on Hidizs "Contact us" page.

3.Official after-sales email: hello@hidizs.net
4.Business email: hidizs@hidizs.com

Manufacturer:Hidizs Technology Company Limited

Address: 2F, Building 40-1, Chuangye 1st Road, Changping Town,Dongguan City,Guangdong Province,China

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亲爱的用户，感谢您购买Hidizs DH80 & DH80S平衡解码耳放，一款经过MQA,Hi-Res认证的HiFi解码放大器。

DH80 & DH80S内置强悍的ESS9281C PRO解码芯片，双晶振和双独立运放RT6863C，支持MQA音频解码技术，支持原生本地DSD64/128硬解，可对数字音频进行高效的时钟处理，使数字时钟得以精确还原，处理能力强大。采样率支持高达32Bit/384KHz，支持Windows 10，Mac OS, iPad OS, Android，iOS, 增加3档增益选择，独立电源管理，声音更为纯净。在保持良好轻薄尺寸的同时，兼容3.5mm单端耳机口，4.4mm平衡耳机口，采样率指示灯的应用更是增添了真玩与趣味。

DH80 & DH80S支持MQA音频解码技术，可使用支持MQA的音乐软件（如海贝音乐，TIDAL等）可获得额外MQA X4展开，X6展开品质音乐更出几。

由Hidizs专业音频团队精准调校，听感调整愈加细腻微妙，确保纯粹通透的声音质量。希望DH80&DH80S能给您带来愉悦的使用体验。

如需了解Hidizs更多信息，请关注官网，微博，Facebook吧!

Hidizs官方网站：www.hidizs.com 或 www.hidizs.net

@ Weibo f Facebook

DH80&DH80S产品示意图

- 4.4平衡耳机输出口
- 磁铁位置
- DH80音频数据接口
- 3档增益开关
- 音量键+音量键
- 电源指示灯
- 电源开关
- 采样率指示灯
- 3.5单端耳机输出口
- 音频数据接口

DH80 & DH80S使用说明

安卓系统手机的使用方法：

1、通过OTG数据线连接安卓系统手机。

2、开启手机，"USB调试模式"，若有 "OTG" 选项也打开去。

3、如手机自带的音乐播放器在使用DH80&DH80S过程中出现不稳定的情况，建议安装最新版海贝音乐播放器，在"设置"里打开"海贝独占USB输出"。

苹果系统手机、平板电脑的使用方法：

1、通过定制Type-c数据线连接New iPad后即可使用，免驱动。

2、如果需要支持Lightning接口的iPad、苹果手机系统，请客户另行购买带采带苹果相机组件功能的Lightning转Type-C连接线。

Windows系统电脑的使用方法：

1、通过USB数据线连接电脑系统。

2、仅支持操作系统为Windows10的电脑，无需安装驱动，即插即用。

3、电脑设置:"控制面板"－"声音"－"播放"－选择此产品（DH80 & DH80S）为默认设备。

Mac OS系统电脑的使用方法：

1、通过USB数据线连接Mac OS系统电脑。

2、电脑设置："系统偏好设置"－"声音"－在选项中选择此产品为默认设备。

采样率指示灯：

红：44.1k-48k
蓝：88.2k-384k
粉：MQA

电源

1、拨动为 ON，正确选择DH80&DH80S数据接口连接播放设备，此时显即LED灯闪烁。播放音乐时显即LED灯将根据采样率显示不同颜色。停止播放状态下5秒则进入睡眠省电模式，此时LED熄灭。

DH80&DH80S采用独立电源设计，因此充电口是独立的，仅具有充电功能，不具数据处理及传输，请用户注意区别。（如电源接误插入数据接口，无须担心，DH80&DH80S带独立电源控制，安全保护）

2、充电过程中如DH80&DH80S机身轻微发热，属正常情况。充电状态下的DH80&DH80S可正常使用。

电源指示灯

电量低: 红色
电量满: 充电过程中显示绿色灯，充电完成绿灯灭
充电中: 绿色

3档增益开关及音量

1、音量调节: + -

2、DH80&DH80S增益调节分为高、中、低三档。一般应用时可选择低增益以获得更持久的续航体验；使用高阻抗耳机等设备时，可选择高或中增益以获得更畅快的音质享受。

建议耳机适配范围:

高增益适配耳机范围: 100Ω-600Ω
中增益适配耳机范围: 50Ω-100Ω
低增益适配耳机范围: 8Ω-50Ω

3.5单端和4.4平衡耳机输出口

1、采用国际标准3.5mm单端和4.4mm平衡耳机输出接口，当使用耳机输出口时，应注意音量大小，以防声音过大令耳朵受

损，建议插入耳机前把声音调至0。

2、3.5单端耳机输出口输出功率为: L:100mW + R:100mW@32Ω、4.4平衡耳机输出口输出功率为: L:200mW + R:200mW@32Ω，请调节音量至合适范围，注意保护听力!

注意事项

*请勿直接用力拉拉线材，以免线材变形或断制，造成USB口损坏。

*按插耳机线时应平行接插，以避免出现接口接触不良的现象。

*请将产品远离火，水，强磁场及儿童。

*为了您的人身安全，请避免在危险的环境下使用产品。

*长时间不使用时，请将耳机断出播放设备。

*请调节音量至合适范围，以保护听力，请参考以下推荐使用。

（OSHA条例1910.95, dB:分贝; h:小时）

90db	92db	95db	97db	100db	102db	105db	110db	115db
8h	6h	4h	3h	2h	1.5h	1h	0.5h	0.25h

保修条款

1、自购买之日起，主体保修期为12个月，线材保修期为6个月

2、维修时应提供有效的购买发票或购买凭证。

3、自购买之日起7日内，因产品本身质量问题，在保持原包装及附件齐全且无损坏，可享受包退换服务。

4、自购买之日起第8且15日，只享受包换服务

5、物流及运费：客户寄自费维护产品寄到官方指定售后点，维修完毕后由官方负责寄回。

6、超过保修期需司会根据实际情况酌情收取维修费及元器件更换费用。

以下情况不在保修范围内

a、自行拆解或未经授权维修产品。
b、非经本公司及授权经销商出售的产品。
c、触水，跌落，撞击等引起的故障。
d、各种自然灾害引起的损坏。
e、其它非本公司造成的损坏。
f、无法提供有效保修凭证。

技术支持及售后

1、关注Hidizs官方微博、Facebook、Head-fi论坛、QQ交流群33504015I百度贴吧以获取更多信息并参与线上交流。

2、在官网的"联系我们"页面中提交信息，以联系技术和售后部门。

3、官方售后邮箱：hello@hidizs.net
4、商务邮箱：hidizs@hidizs.com

制造商：东莞市海帝思科技有限公司

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