



HIBY R8 QUICK GUIDE

MAKE MUSIC
MORE MUSICAL

Foreword

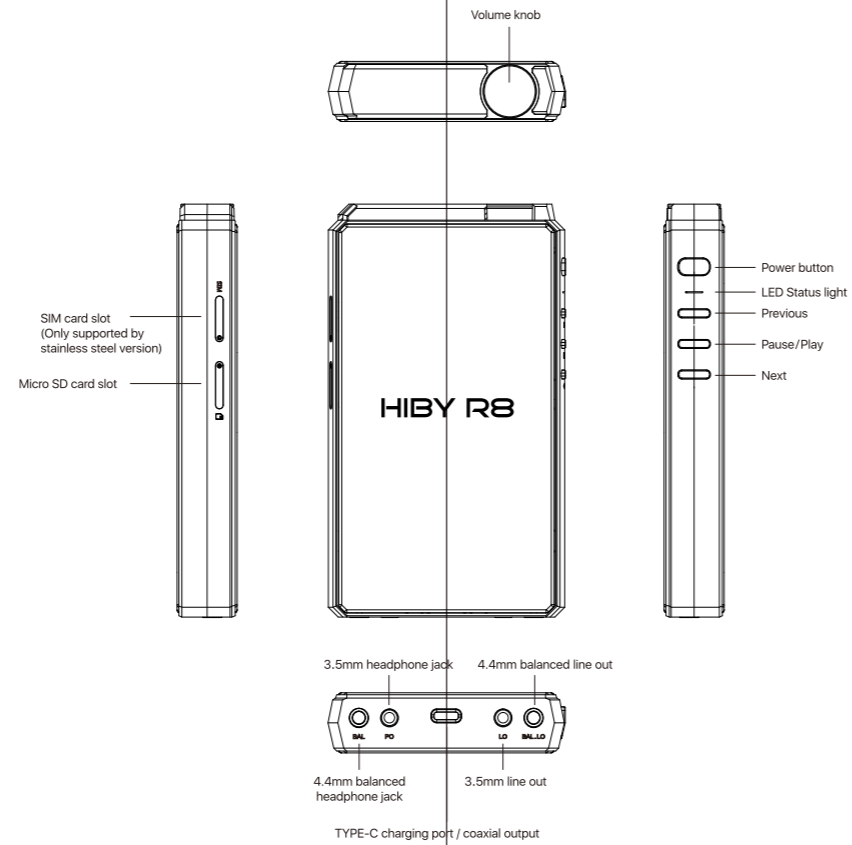
Thank you for purchasing HiBy's new flagship portable digital audio player, the R8. To help you get the best out of the R8, this user guide has been compiled to introduce you to the R8's features and how to use them. Please read thoroughly in the first days of ownership.

Introduction

The HiBy R8 is a high-performance, high-fidelity digital audio player, supporting various lossless / lossy DSD, DXD, WAV, FLAC, ALAC, APE, WMA lossless / lossy, AIFF, AAC, mp3, mp2, Ogg Vorbis etc. Supporting up to 64bit/768kHz/DSD512 (via direct hardware conversion for DSD), it also supports CUE-indexed playback, gapless playback, playing through folders, ten-band equalizer, proprietary MageSound 8-ball (MSEB) audio mastering function etc. With a Snapdragon 660 SoC onboard, the R8 can process audio data of highest bitrates at the highest precision levels possible with processing power left over to apply current and future audio enhancement algorithms where desired. Turning this all into the final audio signals are the dual AKM4497 DACs, pushing the R8's performance to new heights in both digital and analog stages.

The R8 features MQA rendering to 16x. MQA is an award-winning technology that captures and reproduces the sound of the original studio master in a file that's small enough to stream and download. HiBy is collaborating with MQA to deliver the true original sound quality to listeners.

Buttons and ports



Operation and ports explained

Power on/off, restart, screen locking /unlocking

- 1.Power on: press and hold power button for two seconds
- 2.Power off / restart: hold power button while R8 is powered on to bring up power off / restart option screen; (press briefly to unlock the screen first if it is locked)
- 3.Lock screen: Press power button briefly while R8 is powered on to lock /unlock screen;
- 4.Turn on screen: when R8 is powered on with screen off, press power button briefly or double-tap the screen to turn it on.

Operating System

The R8 sports a lightly customized Android 9 operating system which may be operated in the same way as most smartphones, including the installation of 3rd party audio and general apps and use of the Play Store;

- 1.Music player app
Preloaded with HiByMusic Professional edition, specially customized for HiFi digital audio players for powerful features, perfect sound and ease of use;
Play Store
Play Store is supported for download and installation of any app on the market.

3.5mm and 4.4mm line out

Auto line out mode switch: the device automatically detects when it is connected to an amplifier rather than headphones and switches automatically to Line Out mode.

Coaxial digital audio output

The R8 includes a coaxial digital output in its type-C USB port. This output may be utilized using the including the type-C to RCA adapter cable included in the package. The player defaults to this coaxial digital output when no other audio output connections are detected (conversely, this output is muted when any other connections are detected).

RGB LED

- 1.The LED on the R8 power button doubles as an indicator light for the audio format being sent to the DAC:
- 2.Not playing—pale blue
PCM:
48kHz and under—blue
64-192kHz—green
>192kHz—orange
All DSD: white
- 3.Charging: red (pulsating one cycle in 5s in quick charging, one cycle in 10s in slow charging)

Micro SD card installation

- 1.Eject the micro SD card tray by pushing the included tray ejector pin into the tray pinhole; fit your micro SD card into the tray and push the tray back in. Card sizes of up to 2TB are accepted.
- 2.The R8 will detect the insertion of the SD card and show "SD card inserted" in the notification shade; pull down the shade and tap on the "new ... SD card detected" line. In the set-up menu that appears, we recommend you to choose "use as external storage". Confirm the selection and tap Next to finish set-up.

SIM card installation(Only supported by stainless steel version)

- 1.The card tray fits nano SIM cards; larger cards are not supported.
- 2.Chinese / Japanese (Softbank, DoCoMo) SIM cards are supported.

Charging

Battery capacity is 10,000 mAh and Quick Charge 4.0 is supported. A full charge takes 5 hours using QC4.0.

Type-C USB 3.1 port

File transfer / digital audio input / output

- 1.Android File Transfer/File transfer: connect the R8 to the computer via the provided USB type-C cable. After this, pull down the notification shade on the R8, scroll down to the bottom and tap twice on "USB for charging"; then select "File transfer" in the menu. Now the R8 will function as an MTP storage device for file transfer. On a Mac it is necessary to also install Android File Transfer to enable MTP file transfer.
- 2.USB Digital audio output
a.Connect USB DAC / amps to the R8 USB type-C port; bit-perfect output is supported via HiByMusic up to DSD256.
b.Third party apps without special USB drivers will have resampled USB audio output—96kHz for UAC1 USB devices and 192kHz for UAC2 USB devices.
3.Acting as USB DAC
a.connect the R8 to the computer via the provided USB type-C cable. After this, pull down the notification shade on the R8, scroll down to the bottom and tap twice on "USB for charging"; then select "USB DAC in" in the menu.
b.On windows 7 it would be necessary to install the USB audio driver for this; go to store.hiby.com -> Scroll to bottom -> Click "download" under Support -> "USB DAC Driver & Guidance" -> "HiBy R8 USB DAC Driver Download and Installation Guide"

Wireless connectivity

1.Bluetooth 5.0

- Connect the R8 with new Bluetooth audio devices as follows:
- a.Pull down the notification shade then pull down again to expand the list of quick status indicator buttons; press and hold on the Bluetooth icon to enter the Bluetooth setup screen;
 - b.Turn on the Bluetooth master switch;
 - c.Tap "Pair new device" to search for nearby Bluetooth devices (set the Bluetooth device to be paired to broadcast or pairing mode according to its instructions)
 - d.Tap on the name of your Bluetooth device on the R8 to pair with it; once successfully paired, it will appear under the list of "paired devices".

2.WiFi

The R8 supports both 2.4GHz and 5Hz WiFi. Apart from using it to connect it to the internet for music streaming, internet etc., it can also be used for music transfer, remote control via HiByLink and/or playing music from network resources via DLNA /LAN etc.

Fireware update

Over-the-air online update

- 1.Connect to the Internet; WiFi connection is recommended to save on data costs;
- 2.The R8 will automatically detect new firmware versions online and prompt you to update via notifications; tap the notification to update;
- 3.You may also manually check for, download and install updates using the FOTA Update app;
- 4.Please note that roll-back to old firmware versions is not supported on Android devices.

Direct Transport Audio architecture for lossless digital audio on Android

- 1.HiBy's proprietary modifications to the Android audio stack, trademarked DTA, allows audio from any [Android app that does not actively resample audio before sending it to the audio stack] to pass unaltered directly to the dual AK4497 DACs onboard;

- 2.HiByMusic on the R8 can output all supported PCM and DSD audio formats directly to the dual DACs; apps that do not actively resample can support lossless PCM playback up to *** kHz and DSD(???) playback up to DSD***; apps that actively resample will output at 44.1/48kHz as on other Android devices.

Special operations

Factory reset

- 1.Turn off the R8;
- 2.Press and hold the volume + button and then the power button at the same time for a few seconds. The R8 will power on but then an Android lying on its back will appear, together with a "no command" line;
- 3.Now press and hold the power button and then press the volume + button at the same time, then release both buttons; you will have entered Recovery Mode on the R8;
- 4.Use volume +/- buttons to move the selection and the Power button to activate it. Move the selection to "Wipe data / factory reset" and activate it. (Please back up all data on your device before doing this as all data on the R8 will be deleted)

Forced power off

While the R8 is powered on, if there is any software malfunction blocking usual access to the power off / reset menu, you may press and hold the power button for 15 seconds to perform a forced power-off.

For further in-depth operation instructions, please visit (URL) or scan the following QR code:



全国售后 Global after-sales service

请拨打4008 8200 32, 或直接咨询您购买的店铺

Please contact us at service@hiby.com or directly contact the store you purchased.

注意事项 Notes and precautions

- 不可擅自维修、拆卸或将产品放在有水的地方。
- 当长期没有使用本产品时, 需要定期给产品充电, 以保证电池寿命。
- 当您使用耳机时, 会因此听不清外界环境声, 为了您的安全, 请避免在危险环境中使用耳机。
- 搭配电压过高的充电器充电可能会损坏机器, 请选择推荐使用使用的充电器进行充电。

Do not repair, disassemble, or place the product in a place with water.

When the product is not used for a long time, it is necessary to periodically charge the product to ensure battery life.

When you use the headphones, you will not be able to hear the external environment. For your safety, please avoid using the headphones in a dangerous environment.

Charging with a charger with too high voltage may damage the machine. Please choose to use the charger to charge.

注意

如果电池更换不当会有爆炸危险

只能用同样类型或等效类型的电池来更换

电池(电池包或组合电池) 不得暴露在诸如日照, 火烤或类似过热环境中

本产品不搭配电源适配器销售

警告 Warning

为了减少人体射频暴露, 请在距人体20cm以上的地方使用本设备。

In order to reduce human body radio frequency exposure, please use this equipment away from the human body for more than 20cm.

人体の高周波被ばくを低減するために、この機器を人体から20cm以上離して使用してください

想知道我们更多产品信息? To learn more

关注我们微信公众号、微博、FACEBOOK吧!

Pay attention to our Facebook, Weibo, WeChat public account.



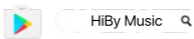
Weibo-SINA 微博关注



Facebook关注



WeChat 微信公众号



HiBy Music



HiBy Music

HiBy官方直营店
HiBy Official Online Store

官方天猫店 Tmall
<https://hibysm.tmall.com>

官方直营京东店 JD.com
<https://mall.jd.com/index-852084.html>

Website
www.hiby.com

东莞市敏动电子科技有限公司

电话: 400-8820-032 网址: www.hiby.com
地址: 东莞市南城街道宏伟三路39号联泰大厦12楼

DONGGUAN SMARTACTION TECHNOLOGY CO., LTD.

TEL: 0086-769-23182216 Website: www.hiby.com
Email: service@hiby.com
Address: 12F, Liangyuan Mansion, No. 39, Hongwei 3rd Road, Nancheng District, Dongguan, Guangdong