HiBy MUSIC

HIBY R5
INSTRUCTIONS

MAKE MUSIC
MORE MUSICAL

HIBY R5

使用说明书
Instructions

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前言 Introduction

感谢您购买了HiBy推出的便携高保真损失播放器R5。为了让R5给您带来更好的体验，这份说明书将介绍R5的功能和使用方法，希望让您更了解R5使用说明书。

HiBy R5是一款高性能、高保真的数字音频播放器，能支持DSD、DXD、WAV、FLAC、ALAC、APE、WMA无损/有损、AIFF、AAC、MP3、MP2、OggVorbis等多种无损/有损音乐格式，最高支持64bit/384kHz到DSD256，DSD为硬解，同时支持CUE索引播放、无缝播放、文件夹跳播、十段均衡器，且主供发MSEB等专业功能，R5内置高通骁龙425 SoC，能快速处理音乐数据甚至各种APP，并内置双CS43198音频解码器，务求将使用体验和音质同时提上新高峰。

Thank you for purchasing HiBy's new R5 High–res lossless Digital Audio Player. To enjoy the R5 to its fullest, please read this user guide thoroughly, please read this manual which will show how to operate the functions of the R5 smoothly.

The HiBy R5 is a high performance, high fidelity digital audio player that supports DSD, DXD, WAV, FLAC, ALAC, APE, WMA lossless/lossy, AIFF, AAC, MP3, MP2, Ogg Vorbis and other lossless/lossy music formats, at resolutions up to 64bit/384kHz and DSD256, both DSD and PCM being decoded in hardware; and also supports cue–file–based splitting of audio file into tracks, gapless playback, playing through folders, ten–band equalizer, as well as the inventive MSEB tone shaping function. The R5 features the Snapdragon 425 SoC, to quickly process all sorts of music data as well as Android apps, as well as dual CS43198 DACs for usability and musicality to new peaks.

注意

如果电池更换不当会有爆炸危险
只需用同样类型或等效类型的电池来更换
电池（电池组或组合电池）不得暴露在诸如日照、火焰或类似过热环境中

全国售后电话
请拨打4008 8200 32，或直接咨询购买的店铺。
Global after–sales service
Please contact us at service@hiby.com or directly contact the store you purchased from.

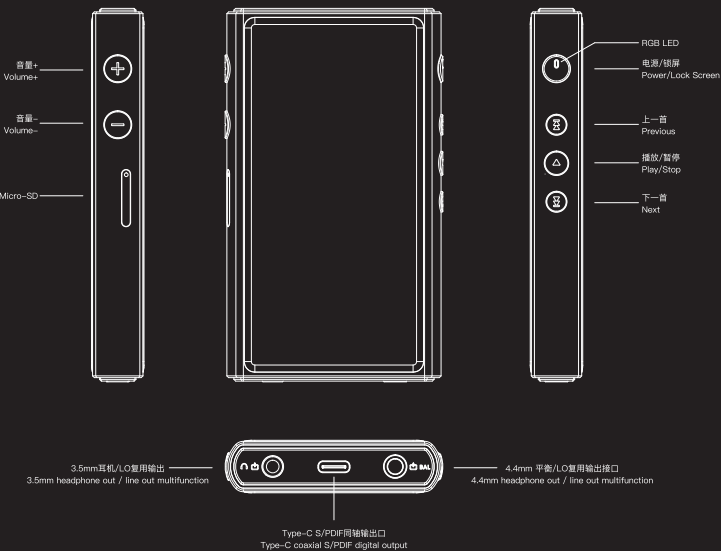想知道我们更多产品信息？
关注我们微信公众号、微博、FACEBOOK吧!
To learn more
Follow to our WeChat public account, Weibo, and Facebook!

Weibo-SINA 微博关注   WeChat 微信公众号

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海贝音乐APP HiByMusic App

R5配合海贝音乐APP使用体验更佳，支持WiFi传歌、把手机、电脑、平板歌曲通过同一WiFi传送到R5上；HiByLink遥控功能，通过手机海贝音乐APP蓝牙连接并控制R5，可从手机端切歌、选歌、管理歌单、扫码下载海贝音乐APP。

*R5上的"海贝音乐APP"与应用市场上的APP非同一版本，请勿前往应用市场更新

HiBy Music App
R5 works better together with the HiBy Music Android / IOS app. It supports WIFI music transfer and transmits songs on mobile phones, computers and tablet to the R5 via a shared WIFI. HiByLink remote control function connects to and controls the R5 via mobile phone Bluetooth. Change tracks, select songs, manage songs remotely.Scan the QR code here to download the HiBy Music app.

*The "HiBy Music App" on the R5 is not the same version as the app on the Google Play. Please do not update the app on Google Play.

HiBy Music APP Download   HiBy Music APP Download

无线连接功能 Wireless connections

1、蓝牙 Bluetooth
R5支持蓝牙4.2，支持aptX、aptX–HD、LDAC、UAT等蓝牙传输协议，R5支持双向蓝牙传输。
The R5 supports Bluetooth 4.2, supports Bluetooth audio protocols such as aptX, aptX–HD, LDAC, UAT, etc. Bidirectional Bluetooth audio transmission is supported.

2、UAT超级音频传输协议Ultra Audio Transmission—UAT
此为HiBy自主研发的一个全新蓝牙传输协议，最高可支持192kHz、1.2Mbps码流，需要发射设备亦支持此协议，可使用手机作为发射端，安装"海贝音乐APP"即可支持UAT蓝牙协议发射。
This is an all new Bluetooth audio transmission protocol developed by HiBy, supporting up to 192kHz sample rate over a 1.2Mbps bitstream. Both transmitting and receiving devices need to support the protocol for it to be used. You may use any Android smartphone as the transmitter by installing and using the HiByMusic app.

3、R5连接到新的蓝牙设备（如蓝牙耳机、蓝牙音箱等）时，需要先和该蓝牙设备进行配对，步骤如下：
a.下拉栏中点击设置–蓝牙界面；
b.打开蓝牙开关；
c.将要配对的设备(耳机、音箱等)设至配对模式，具体操作方法参见该设备的说明书；
d.点击"与新设备配对"，将会自动搜寻可用设备；
e.点击连接到相应设备，连接成功的设备将显示在"已配对的设备"栏。
To connect the R5 to new Bluetooth equipment (earphones, portable speakers, etc.) pair it up with the equipment thusly :
a)Pull down the notification shade, hold your finger on the Bluetooth icon to open the Bluetooth configuration interface;
b)Turn on the Bluetooth master switch;
c)Set the device to be paired (earphones, portable speakers, etc.) into pairing mode. (Refer to their manual for instructions)
d)Tap on "pair new device" to automatically search for devices to pair with
e)When the name of the desired device shows up, tap on it to pair with it. Successfully paired devices will be shown in the list of "Paired devices".

5、WIFI
R5支持2.4G/5G 双频WiFi，日常使用外，亦可以通过"海贝音乐APP"，通过WiFi传歌、使用WiFi下的HiByLink、使用私有云DLNA/局域网等。
The R5 supports WiFi at the dual frequencies of 2.4GHz and 5GHz. Other than getting the R5 online, it can also be used to transfer songs to/from the R5, remotely control the R5 via HiByLink, and access remote music stores via DLNA, all using the bundled HiByMusic app.

固件更新 Firmware updates

OTA在线升级 Over–the–air online updates:
1、连接WiFi网络;
2、R5会自动检测版本，如果检测到更新版本的固件，将在状态栏提示更新，或到设置—系统—无线升级—检测更新，如有新版本下载安装固件即可;
3、R5不支持逆回固件版本。
1.Connect to WiFi;
2.The R5 will automatically search for updates. If an updated version of firmware is found, a notification will be shown in the pul–down notification shade; Or you may check manually by going to Settings–>System–>Wireless Update–>Check for updates. If an update is found, download and install it;
3.The R5 does not support rolling back to an old firmware version.

充电 Charging

推荐使用支持QC3.0快充模块
It is recommended to use a charger that supports QC3.0 quick charge.

音量+
Volume+

音量–
Volume–

Micro-SD

RGB LED

电源/锁屏
Power/Lock Screen

上一首
Previous

播放/暂停
Play/Stop

下一首
Next

3.5mm耳机/LO复用输出
3.5mm headphone out / line out multifunction

4.4mm 平衡/LO复用输出接口
4.4mm headphone out / line out multifunction

Type–C S/PDIF同轴输出口
Type–C coaxial S/PDIF digital output

Type–C USB数据接口 Type–C USB data port

文件传输/数字转盘/传输数字音频信号 Data transfer, digital audio input / output

1、文件传输：Type–C数据线连接机器与电脑，连接成功后，需要在机器上把状态栏拉下，选择USB接入功能信息界，在弹出窗口中选择传输文件，即可在电脑中操作将文件拉入本机内存或外接SD卡中;
1.Data transfer: Connect the R5 to the computer using the provided type–C data cable. After connection, pull down the notification shade on the R5, tap on the "USB charging this device" notice and choose the File Transfer option to complete the connection. You may now access the R5's internal memory and/or the micro SD card inserted into the R5 from your computer*

*Mac users, please install Android File Transfer here first: https://www.android.com/filetransfer/

2、数字转盘Digital audio output
a.通过USB口，使用R5外接解码放大器，在海贝音乐APP中，最高支持DSD256输出;
b.第三方APP都会受到重采样（SRC），UAC1协议中会重采样到96kHz，UAC2协议中会重采样至192kHz。
Connect the R5 to a USB DAC as follows:
R5–>OTG adapter–>USB cable–>USB DAC
a. Using the HiByMusic app, bit–perfect output is supported. Bit–perfect DSD output is also supported at up to DSD256;
b. Using third party apps (those not supporting bit–perfect output), sample rate conversion may occur. USB audio class 1 devices would receive audio at 96kHz while class 2 devices would receive at 192kHz.
3、传输数字音频信号： Digital audio input
a. 即作为电脑USB DAC，使用USB数据线与电脑连接后，下拉状态栏，把USB状态改为音频输入;
b. 并需要安装驱动程序，请前往www.hiby.com进入产品服务—产品支持—USB DAC IN驱动，下载并详细阅读内附的USB DAC使用方法.pdf
Connect the audio output device to the R5 as follows:
Computer USB port–>type–C USB cable–>R5
Or
Portable audio device–>OTG adapter–>type–C USB cable–>R5
a. Pull down the notification shade, tap on the notification "USB charging this device", select the "USB DAC in" option to activate USB audio input;
b. For computers running Windows before Windows 10, you would also need to download and install dedicated USB audio drivers for the R5 on the computer: go to store.hiby.com, scroll down to the bottom, click download–>USB DAC Cable Driver & Guidance–>USB DAC Driver Download and Installation Guide–>"Click here" to read and download the USB DAC driver.

DTA安卓全局无损输出架构 DTA full–time bitperfect android audio framework

1、DTA（Direct Transport Audio）安卓全局无损输出系统，通过软件层面绕过安卓系统中重采样SRC，直接输出原汁原味的声音;
2、R5内置满贝音乐APP可以直接输出包含DSD256及以下所有音频格式；大部分第三方APP，会受限于自身，导致无法直接输出高采样率的音频。
1.DTA (Direct Transport Audio) is the name of HiBy's full–time bitperfect android audio framework; it bypasses Android's sample rate conversion by modifying its audio stack to output bitperfect audio;
2.The HiByMusic app bundled with the R5 may bitperfectly output up to and including DSD256, however many third party apps assume bad Android resampling and will conduct "high quality" resampling internally, in which case it is impossible to obtain bitperfect audio from such apps despite DTA.

特殊辅助功能 Troubleshooting functions

双清 Factory reset
Factory reset may be performed to solve some serious system problems, e.g. if your R5 won't boot.
1、关机;
2、先按住音量加键，再按电源键开机，等待出现机器介面;
3、在机器人界面，按住电源键不放的同时按一下音量加;
4.音量+/–键为选择按钮，电源键为确认按钮，这个时候既可以进入选择列表的 wipe 开头的选项进行双清（全部数据清除，请谨慎！）。
1.Power off;
2.First press and hold the volume + button, then press and hold the power button at the same time for a few seconds. After showing the HiBy logo, an android with his chest opened, lying on his back will appear, together with the words "No command".
3.Now press and hold the power button then press the volume + button at the same time.
4.Now use the volume – button to scroll down (volume + button to scroll up) to highlight the option called "Wipe data/factory reset" and use the power button to select it. Caution: all data will be erased!

强制重启 Forced restart
强制重启：开机状态下，机器出现卡死状态或其异常情况无法正常关机或重启，可以长按电源键15秒，进行强制重启。
Force restart: while powered on, if the R5 is stuck at a particular screen in Android or cannot be turned off or restarted for some other reason, you may press and hold the power button for 15 seconds to perform a forced restart.

包装清单

播放器x1、USB线x1、说明书x1、保修卡x1、合格证卡x1、屏幕保护膜x3（其中一张已贴机）

Accessories list
Device*1, USB cable*1, User Guide*1, Warranty card*1, Certificate*1, Screen Protector*3 (One of them has been applied on the machine)

警告

·不可擅自维修、拆卸和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。
·接配电压过高的充电器充电可能会损坏机器，请选择维修使用的充电器进行充电。
·系统发生故障导致死机时，可尝试长按电源键15秒，强制重启机器。

WARNING
Do not repair, disassemble, or place the Product in 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 headphones, you will not be able to hear the external environment. For your safety, please avoid using headphones in a dangerous environment.
Charging with a charger with too high voltage without smart Quick Charge function may damage the Product. Please choose a Proper charger for charging.
the system fails and crashes, you can press and hold the power button for 15 seconds to force a restart.

操作及接口说明 Buttons and ports

开机/关机、重启/锁屏 Power on/off, restart/lockscreen
1、开机：长按电源键2–3秒即可开机；power on: press and hold the power button for 2 to 3 seconds to power on;
2、关机、重启：开机状态下长按电源键，即可弹出关机/重启菜单；with the R5 powered on, press and hold the power button to show the power off / restart menu;
3、锁屏：开机状态下，点击电源键即可锁屏；with the R5 powered on, press the power button briefly to lock and unlock the screen.

系统操作 System operation
HiBy R5内置安卓8.1系统，配置2G RAM & 16G ROM，可流畅运行各种APP，也可随意安装第三方APP，The HiBy R5 sports an Android 8.1 system with 2GB RAM and 16GB ROM, to smoothly run all sorts of apps, and allows installation of all sorts of 3rd party apps.

3.5mm PO/LO复用输出 3.5mm headphone out / line out multifunction port
接入普通3.5mm耳机，或作为3.5mm LO线路输出口，需要把状态栏下拉或到设置中打开音频设置，并在音频设置中选择对应耳机还是LO输出状态。For plugging in regular 3.5mm headphones or connecting to other line level audio output equipment via a 3.5mm line out cable. To switch between the two functions, tap the Audio settings button in the drag–down notification shade or in settings, and choose between headphone out and line out.

4.4mm PO/LO复用输出 4.4mm headphone out / line out multifunction port
可支持4.4mm平衡耳机或4.4mm LO线路输出，使用时，需要把状态栏下拉或到设置中打开音频设置，并在音频设置中选择对应输出端口的输出状态。For plugging in regular 4.4mm balanced headphones or connecting to other line level audio output equipment via a 4.4mm balanced line out cable. To switch between the two functions, tap the Audio settings button in the drag–down notification shade or in settings, and choose between headphone out and line out.

S/PDIF输出 S/PDIF digital output
USB接口亦作为Spdif输出，无任何耳机接入时，USB接口默认处于Spdif输出模式，直接使用专用的Type–C转3.5mm转接线连接到对应器件口，如需购买此线，可京东搜索"敏动数码专营店"此为官方京东专营店。(外语版），同轴线请到HiBy官网购买https://store.hiby.com/或到当地经销商购买）
The Type–C USB port doubles as a coaxial S/PDIF digital output. When no earphones are plugged in, the USB port defaults to S/PDIF mode. Using the dedicated Type–C to 3.5mm coaxial cable you can draw a coaxial digital S/PDIF signal to compatible equipment. The cable can be purchased from https://store.hiby.com/ or your local dealer.

RGB LED
1、机身顶部上的LED灯能显示当前播放音频格式与当前机器状态，分别对应显示不同颜色;
2、不插歌——淡蓝色、32k–48k蓝色、88.2k–192k绿色、352.8k–384k橙黄色、DSD白色;
3、充电时——红色
1.Multicolor LED: the LED on the R5's power button changes colors depending on what is playing in terms of sample rate:
2.Not playing–Pale Blue,32–48kHz–Blue, 88.2~192kHz–Green, 352.8~384kHz–Orange, DSD–White,
3.Charging–Red

Micro–SD卡插入
1、使用我们附赠的卡针，把Mirco–SD卡卡槽拿出，一并把Mirco–SD卡放入机身内，把卡槽放到合适位置;
2、机器会检查到新的Mirco–SD卡插入，状态栏会有提示，需要用户下拉状态栏点击由Mirco–SD卡信息，在弹出"设置您的SD卡"页面内，我们选择"用作外部储存设备"，选择完成，点击下一步，即可完成设置。
1.the R5 carries an external micro SD card slot for storage expansion. Insert the sharp end of the pin provided in the accessories package into the hole in the slot and push firmly to eject the card tray and pull it out completely with your fingers. Place your micro SD card to fit the cutout provided in the tray and push the tray back into the slot to complete installation of the card. The R5 supports micro SD card sizes of up to 2TB.
2.The R5 will detect insertion of the micro SD card and a prompt would appear in the notifications area. Please pull down the notifications shade, tap on the relevant notification and set the SD card to be used as "external storage", tap finish and next to complete setup.