English
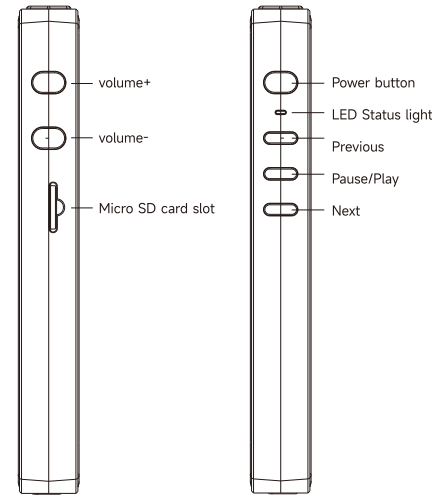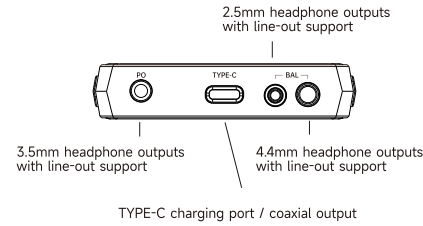
Thank you for choosing the HiBy product. To help you enjoy the product to its fullest,this manual will introduce its functions and how to use it.

MQA (Master Quality Authenticated)

The HiBy R5 includes MQA technology, which enables you to play back MQA audio files and streams, delivering the sound of the original master recording.MQA' or 'MQA Studio' indicates that the product is decoding and playing an MQA stream or file, and denotes provenance to ensure that the sound is identical to that of the source material. 'MQA Studio' indicates it is playing an MQA Studio file, which has either been approved in the studio by the artist/producer or has been verified by the copyright owner.

Buttons and ports

2.5mm headphone outputs with line-out support

3.5mm headphone outputs with line-out support

4.4mm headphone outputs with line-out support

TYPE-C charging port / coaxial output

volume+
volume-
Micro SD card slot

Power button
LED Status light
Previous
Pause/Play
Next

Operation and ports explained

1. Power on/off, restart, screen locking / unlocking
a. Power on: press and hold the power button for 2 to 3 seconds to power on;
b. Power off, restart: with the R5 powered on, press and hold the power button to show the power off / restart menu;
c. Lockscreen: with the R5 powered on, press the power button briefly to lock;
d. Unlockscreen: with the R5 powered on, press the power button briefly or to double tap the screen to unlock the screen;
e. Forced restart: hold power button for 20s.

2. Operating System
The HiBy R5 comes preloaded with Android 8.1, and operates similarly to your regular Android smartphone. You may install 3rd party apps at will. Preloaded software include the HiByMusic audio player, and the CoolApk android app market app (or Google Play on international version units).

3. 2.5mm/3.5mm/4.4mm headphone outputs with line-out support
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.

4. Coaxial digital output
The R5 supports coaxial digital output via its type-c port. This may be adapted to regular RCA connectors via our Type-C->RCA interconnect, available at store.hiby.com or one of the various retail partners listed at the end of this document.

5. RGB LED
Multicolor LED: the LED on the R5's power button changes colors depending on what is playing in terms of sample rate:
PCM≤48kHz: blue
PCM 64kHz~192kHz: green
PCM>192kHz: orange
DSD: white
Charging / battery low (<20%): red

Type-C USB data port

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. USB digital audio output
The R5 may be connected to external DACs via its USB audio output. USB cables with OTG functionality is required. Available at store.hiby.com or one of the various retail partners listed at the end of this document.

3. USB DAC Digital audio input
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.

Wireless connections

1. Bluetooth
1) 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".

2. Bluetooth audio input
The R5 may act as a Bluetooth audio receiver, receiver audio from Bluetooth audio sources and playing through its headphone ports / digital outputs as follows:
a. Turn on Bluetooth;
b. tap "Bluetooth audio input"to open the Bluetooth audio input interface and keep the screen open (screen on/off is ok)

c. search for and pair with the R5 as a Bluetooth audio device on the Bluetooth playback device;
d. The R5 will now play the audio you're playing on the Bluetooth playback device e.g. your smartphone.

3. WiFi
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.

Firmware update

OTA Over-the-air updates
1. Connect to WiFi with internet access;
2. The R5 will search for updates automatically and prompt you to update within the notifications shade if/when updates are available;
3. You may also go to Settings->System->Wireless Update->Tap "check for updates" to check for and download updates immediately.
4. Please note that as with all Android devices, the R5 does not support firmware rollback / "downgrades".e Bluetooth playback device e.g. your smartphone.

DTA full-time bitperfect android audio framework

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.

Special operations

Factory reset via device wipe
1. Turn the device off
2. Press and hold the power button while holding the volume + button until the picture with the Android under maintenance appears;
3. Release the power button, then hold it again and press the volume + button while holding it; the Android recovery menu appears. Release the buttons.
4. Use volume+/- to navigate up/down, power button to select highlighted operation. You may proceed to and select "Wipe data / factory reset" to perform a factory reset from outside of Android, even if you can't enter the Android OS normally. (Note all data on the device will be erased).

Forfurther in-depth operation instructions, please scan the QR code.

注意事项 Notes and precautions

·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。
·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

消费者若使用电源适配器充电，则应购买配套使用获得CCC认证 并满足标准要求的电源适配器

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