



Hiby R6PRO II High Resolution Music Player User Manual

[Home](#) » [Hiby](#) » Hiby R6PRO II High Resolution Music Player User Manual 

Contents

- [1 Hiby R6PRO II High Resolution Music Player](#)
- [2 Buttons and ports](#)
- [3 Operating System](#)
- [4 Wireless connectivity](#)
- [5 Firmware update](#)
- [6 FCC](#)
- [7 Documents / Resources](#)
 - [7.1 References](#)
- [8 Related Posts](#)

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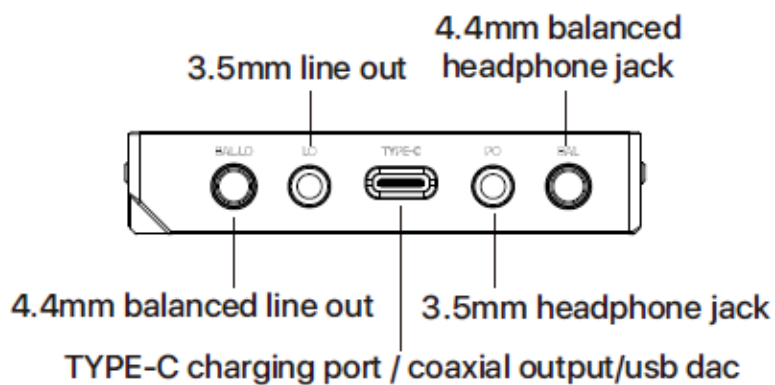
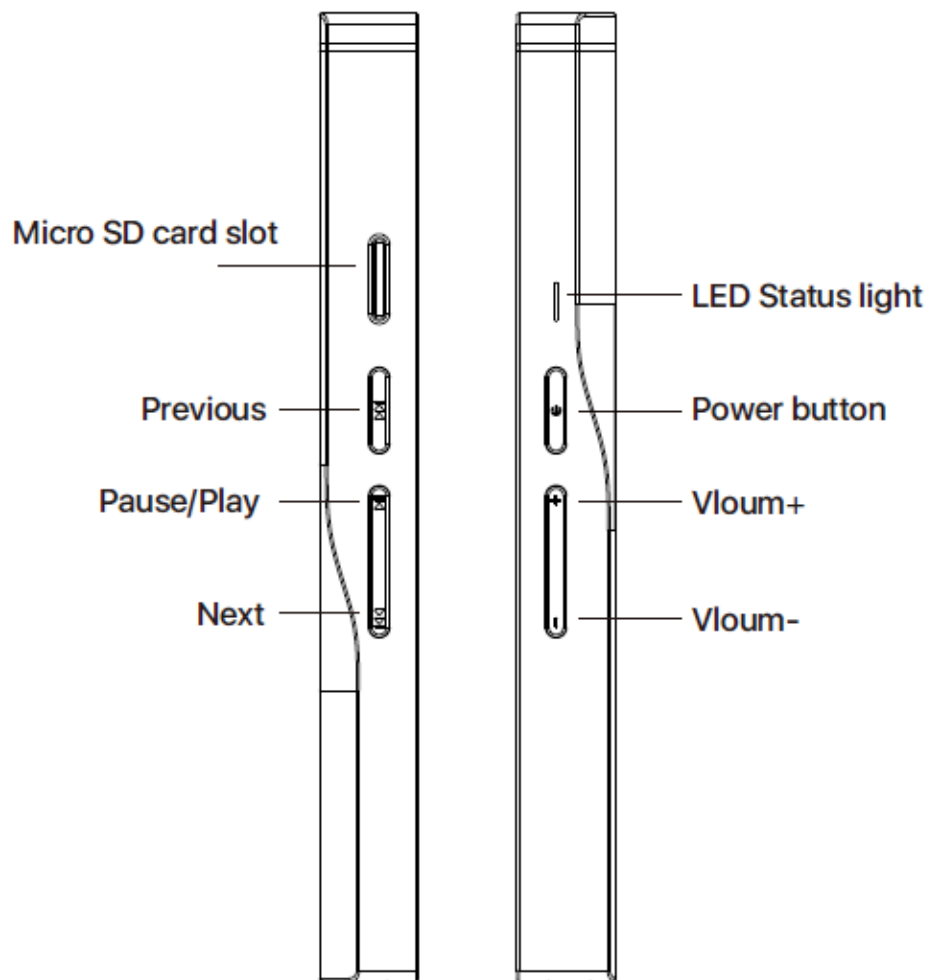
Hiby R6PRO II High Resolution Music Player



Foreword

Thank you for purchasing HiBy's new generation portable digital audio player, the R6PRO II. To help you get the best out of the R6PRO II, this user guide has been compiled to introduce you to the R6PRO II's features and how to use them. Please read thoroughly in the first days of ownership.

Buttons and ports



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 R6PRO II 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 R6PRO II is powered on to lock / unlock screen;
4. Turn on screen: when R6PRO II is powered on with screen off, press power button briefly or double-tap the screen to turn it on.

Operating System

The R6PRO II sports a lightly customized Android 12 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;

Music player app

Preloaded with HiByMusic Professional edition, specially customized for HiFi digital audio players for powerful features, perfect sound and ease of use;

Micro SD card installation

Micro SD Card sizes of up to 2TB are accepted.

Charging

PD2.0 is supported.

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.

RGB LED

1. The LED on the R6PRO II power button doubles as an indicator light for the audio format being sent to the DAC:
2. MQA—green
MQA studio—blue
MQA core(MQB)—magenta
Not playing—pale blue

PCM:

- 48kHz and under—yellow
- 64-192kHz—cyan blue
- 192kHz—orange
- All DSD: white

Coaxial digital audio output

The R6 III 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.

USB Digital audio output

Connect USB DAC / amps to the R6PRO II USB type-C port.

File transfer: connect the R6PRO II to the computer via the provided USB type-C cable. After this, pull down the notification shade on the R6PRO II, scroll down to the bottom and tap twice on “USB for charging”, then select “File transfer” in the menu. Now the R6PRO II 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.

Acting as USB DAC

- connect the R6PRO II to the computer via the provided USB type-C cable. After this, pull down the notification shade on the R6PRO II, scroll down to the bottom and tap twice on “USB for charging”, then select “USB DAC in” in the menu.
- 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 R6PRO II USB DAC Driver Download and Installation Guide”

Wireless connectivity

1. Bluetooth5.0

Connect the R6PRO II with new Bluetooth audio devices as follows:

1. 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;
2. Turn on the Bluetooth master switch;
3. 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)
4. Tap on the name of your Bluetooth device on the R6PRO II to pair with it; once successfully paired, it will appear under the list of “paired devices”.

2. WiFi

The R6PRO II 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. Updating automatically via WiFi is recommended.
2. The R6PRO II will automatically detect updates and prompt about the update in the notification shade if an update is found.
3. You may also go to Settings->System- >SystemUpdates to manually check for and download updates.

Direct Transport Audio architecture for lossless digital audio on Android

1. DTA (Direct Transport Audio) is the name of HiBy’s full-time bit perfect 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 R6 III may bit perfectly output up to and including DSD512 / PCM 768kHz/32bit, however, many third party apps assume bad Android resampling and will conduct “high quality” resampling internally, in which case it is impossible to obtain bit-perfect audio from such apps despite DTA.

PD2.0 charging protocol

R6Pro II supports PD2.0 charging protocol. It is recommended to charge the R6Pro II with a USB PD2.0 charger; other chargers may cause charging failure or charging slowness.

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



International official website <http://store.hiby.com>

Global after-sales service

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

To learn more



Facebook

FCC

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radiofrequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

Cautions

1. Do not repair, disassemble, or place the product in a place with water.
2. When the product is not used for a long time, it is necessary to periodically charge the product to ensure battery life.
3. 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.
4. Charging with a charger with too high voltage may damage the device. Please choose a recommended charger to charge.
5. Hold the power button for 30 seconds to force restart the device if the system crashes.

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Documents / Resources

	<p>Hiby R6PROII High Resolution Music Player [pdf] User Manual R6PROII High Resolution Music Player, R6PROII, High Resolution Music Player, Resolution Music Player, Music Player</p>
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References

- [🌀 HiBy - Official Online Store - Music players, Earphones, Headphone amp – HiBy | Make Music More Musical](#)
- [User Manual](#)