HiBy HB-R2

HiBy R2 Portable Lossless Music Player User Manual

Model: HB-R2

Introduction

Welcome to the user manual for your new HiBy R2 Portable Lossless Music Player. The HiBy R2 is an entry-level Hi-Res audio player designed to deliver true high-fidelity sound quality in a compact and stylish form factor. This manual provides comprehensive instructions for setting up, operating, and maintaining your device to ensure optimal performance and an enjoyable listening experience.

Product Overview

The HiBy R2 is a versatile and portable music player, weighing only 85g and featuring a 2.45-inch full touch screen. It boasts a zinc alloy body with an HD glass rear cover, providing a premium feel. Powered by the HiBy OS, the device offers a smooth and user-friendly interface.



Figure 1: Front view of the HiBy R2 Portable Lossless Music Player, showcasing its compact design and touch screen interface.

Key Features:

- **Portable Design:** Compact and lightweight (85g) with a 2.45" full touch screen and durable zinc alloy body.
- **Hi-Res Audio:** Dual Hi-Res & Hi-Res Wireless Accreditation, featuring Ingenic X1000E SoC and ES9218 DAC chip for superior sound quality.
- **Advanced Wireless Connectivity:** Supports Bluetooth 5.0 with UAT / LDAC / aptX / AAC / SBC codecs. Includes DLNA / AirPlay / Wi-Fi song transfer and HiByLink for remote control via mobile devices.
- **Multi-purpose Functionality:** Functions as a recorder (dual microphones), E-book reader, supports Tidal & Qobuz online streaming, web radio, digital source, USB DAC, Bluetooth receiver, and Bluetooth transmitter.
- **Extensive Format Support:** Compatible with all lossy and most Hi-Res lossless music formats including MP3, WAV, APE, FLAC, DSF, DFF, ISO, CUE, WMA, OGG, OPU, AAC, AIFF, DSD128, and MQA.
- **Long Battery Life:** 1000mAh battery provides up to 10 hours of continuous play time.
- **Expandable Storage:** Supports up to 2TB expandable storage via MicroSD card slot (SD card not included).



Figure 2: Overview of key features and capabilities of the HiBy R2 player.



Figure 3: The ES9218 DAC chip, central to the HiBy R2's high-fidelity audio performance.



Figure 4: The HiBy R2 supports MQA and holds dual Hi-Res audio accreditations, ensuring high-quality sound reproduction.

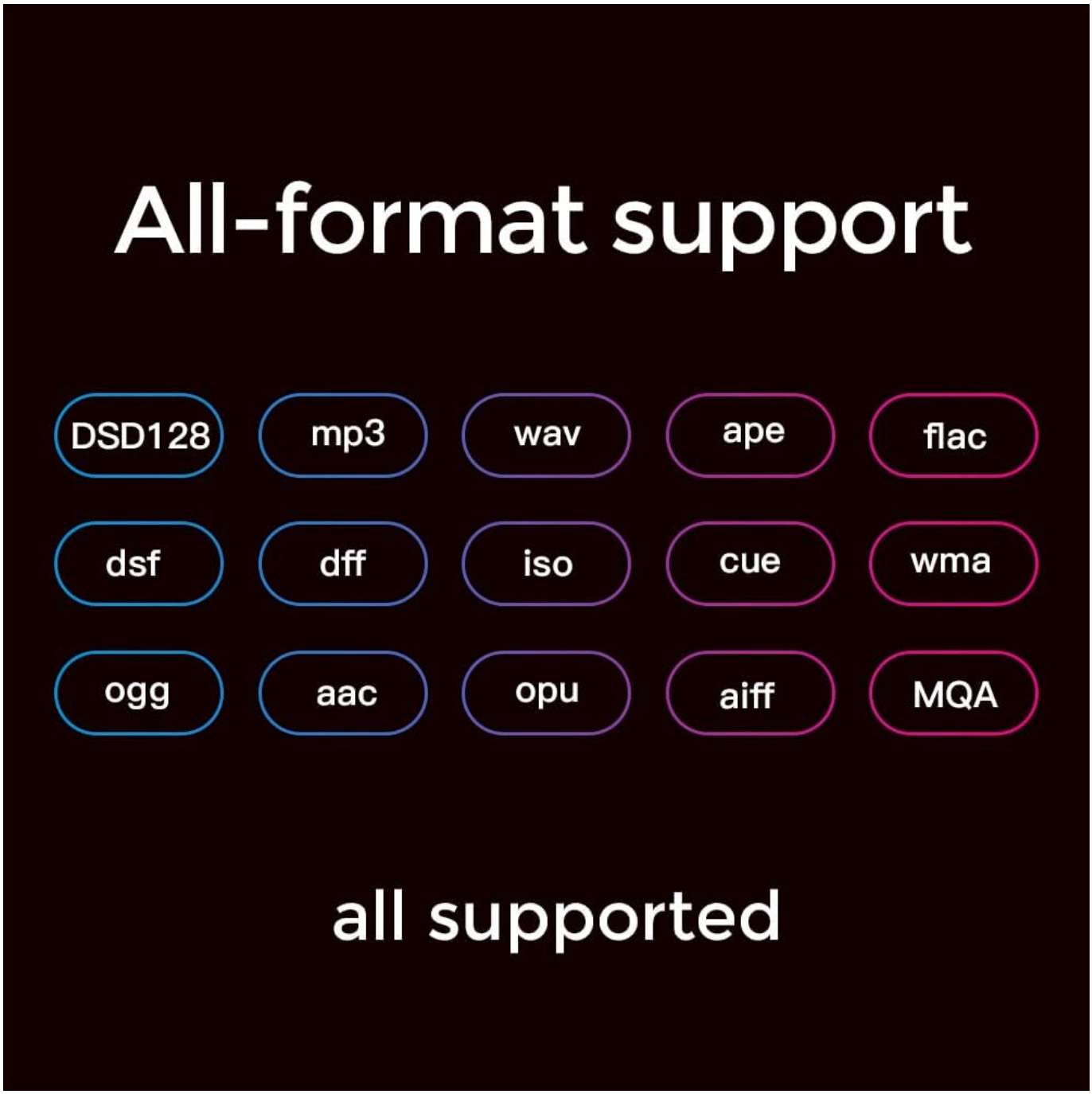


Figure 5: The HiBy R2 offers comprehensive support for a wide range of audio formats, including high-resolution and lossless files.

Figure 6: Battery specifications for the HiBy R2, highlighting its 1000mAh capacity and extended playback time.

Official Product Video:

[redacted]

Video 1: An official overview of the HiBy R2 Portable Lossless Music Player, demonstrating its features and design.

Setup

1. Charging the Device:

Before first use, fully charge your HiBy R2. Connect the included USB cable to the device's USB-C port and the other end to a compatible USB power adapter (not included) or a computer's USB port. The charging indicator will show the

charging status. A full charge provides approximately 10 hours of continuous playback.

2. Inserting a MicroSD Card:

The HiBy R2 does not have built-in memory for music storage. It requires a MicroSD card (not included) for storing your music files.

1. Locate the MicroSD card slot on the side of the device.
2. Gently insert the MicroSD card into the slot until it clicks into place. Ensure the card is oriented correctly.
3. The device supports MicroSD cards up to 2TB.

3. Powering On/Off:

To power on the device, press and hold the power button until the screen illuminates. To power off, press and hold the power button and select "Power Off" from the on-screen options.

Operating Instructions

Navigation:

The HiBy R2 features a full touch screen for intuitive navigation. Swipe, tap, and use the physical buttons on the side for volume control and playback. The HiBy OS provides a streamlined user experience.



Figure 7: The HiByOS interface and HiByLink feature, allowing remote control via a smartphone.

Music Playback:

The R2 supports a wide array of audio formats. Transfer your music files to the MicroSD card. Navigate to the music library on the device to browse and play your tracks.

Bluetooth Connectivity:

The HiBy R2 supports Bluetooth 5.0 and advanced codecs like UAT, LDAC, aptX, AAC, and SBC for high-quality wireless audio.

1. Go to Settings > Bluetooth.
2. Turn on Bluetooth and scan for available devices.
3. Select your Bluetooth headphones or speaker to pair.



Figure 8: The HiBy R2's support for UAT, Bluetooth 5.0, and 5GHz Wi-Fi for enhanced wireless audio and connectivity.

Wi-Fi Features:

Connect to Wi-Fi for online streaming, firmware updates, and wireless file transfer.

- **Online Streaming:** Access services like Tidal and Qobuz directly on the device.
- **Wi-Fi Song Transfer:** Easily transfer music files from your computer or other devices over Wi-Fi.
- **DLNA** / **AirPlay:** Stream audio from compatible devices using DLNA or AirPlay protocols.
- **Web Radio:** Tune into various internet radio stations.

HiByLink:

Use the HiByLink function to control your R2 remotely via a mobile phone or tablet. This allows for playback control, volume adjustment, and playlist management.

Recording Function:

The R2 features dual microphones, enabling it to function as a portable voice recorder.



Figure 9: The HiBy R2's support for TIDAL streaming and its built-in microphone for recording audio.

E-book Function:

The device supports an E-book function with bookmark capabilities, allowing you to read text files on the go.

MSEB Tuner:

The HiBy R2 includes the MSEB (MageSound 8-Ball) tuner, which allows you to modulate your own music style by adjusting various sound parameters.

USB DAC Mode:

Connect the R2 to your computer via USB to use it as an external DAC (Digital-to-Analog Converter), enhancing your computer's audio output quality.

Maintenance

Cleaning:

Use a soft, dry, lint-free cloth to clean the device's screen and body. Avoid using abrasive cleaners or solvents.

Battery Care:

To prolong battery life, avoid exposing the device to extreme temperatures. If storing the device for an extended period, ensure it has a partial charge (around 50%).

Software Updates:

Periodically check for firmware updates through the device's settings or the official HiBy website to ensure optimal performance and access to new features.

Troubleshooting

Problem	Possible Cause	Solution
Device does not power on.	Low battery; device frozen.	Charge the device for at least 30 minutes. If still unresponsive, press and hold the power button for 10-15 seconds to force a restart.
No sound or distorted sound.	Volume too low; headphones/speakers not connected properly; corrupted audio file; incorrect output settings.	Increase volume. Ensure headphones/speakers are fully plugged in or correctly paired via Bluetooth. Try a different audio file. Check audio output settings.
Bluetooth connection unstable.	Interference; distance from paired device; outdated firmware.	Ensure no strong interference sources nearby. Keep the R2 closer to the paired device. Check for and install any available firmware updates.
MicroSD card not recognized.	Card not inserted correctly; card corrupted; unsupported format.	Reinsert the MicroSD card. Try a different card. Ensure the card is formatted to a compatible file system (e.g., FAT32, exFAT).
Touch screen unresponsive or erratic.	Temporary software glitch; screen protector interference; physical damage.	Restart the device. Ensure the screen is clean and free of debris. If a screen protector is installed, ensure it is applied correctly and not causing issues.

Specifications

Feature	Detail
Model Name	HiBy R2 (HB-R2)
Dimensions	2.4 x 0.47 x 2.4 inches
Item Weight	8.1 ounces (approx. 230g)

Feature	Detail
Screen Size	2.45 Inches
DAC Chip	ES9218
Connectivity	Bluetooth 5.0 (UAT, LDAC, aptX, AAC, SBC), Wi-Fi (5GHz), USB, Aux
Memory Storage	Supports up to 2TB via MicroSD card (not included)
Battery Capacity	1000mAh Lithium Ion
Continuous Play Time	Up to 10 hours
Included Components	Earphone, Case, USB Cable
Supported Audio Formats	MP3, WAV, APE, FLAC, DSF, DFF, ISO, CUE, WMA, OGG, OPU, AAC, AIFF, DSD128, MQA, etc.

Warranty and Support

The HiBy R2 Portable Lossless Music Player is manufactured by HiBy. For specific warranty information, please refer to the warranty card included with your product or visit the official HiBy website.
For technical support, troubleshooting assistance, or further inquiries, please contact HiBy customer service or visit their official support channels.
You can find more information and support resources on theHiBy Store on Amazon.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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