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HiBy R2 II

HiBy R2 II Bluetooth MP3 Player

USER MANUAL

1. Introduction

The HiBy R2 II is a compact and versatile Hi-Res audio player designed for audiophiles and music enthusiasts. Featuring an ES9219C DAC chip, it supports a wide array of audio formats, including DSD256 native, PCM384KHz/32bit, and MQA8X. With integrated Bluetooth and Wi-Fi capabilities, the R2 II offers flexible connectivity options for both local playback and streaming services like Tidal and Qobuz. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your HiBy R2 II player.

2. Product Overview

The HiBy R2 II features a sleek design with intuitive controls and essential ports for a comprehensive audio experience.



Front view of the HiBy R2 II MP3 Player, showing its compact size and the main menu interface on the screen.

2.1 Components and Controls

- **Screen:** 1.77-inch OLED display for navigation and information.
- **Volume Knob/Power Button:** Located on the side for power on/off and volume control.
- **Playback Control Buttons:** Dedicated buttons for play/pause, next track, and previous track.
- **USB-C Port:** For charging, data transfer, and USB DAC functionality.
- **3.5mm Headphone Jack:** Standard audio output.
- **MicroSD Card Slot:** For expandable storage of music files.
- **Microphones:** Dual microphones for audio recording functionality.



Rear view of the HiBy R2 II, highlighting its Hi-Res Audio and Hi-Res Audio Wireless certifications.

2.2 Key Features

- **DAC Chip:** ES9219C for high-fidelity audio processing.
- **Audio Formats:** Supports DSD256 native, PCM384KHz/32bit, MQA8X, mp3, wav, ape, flac, dsf, dff, iso, cue, wma, ogg, aac, opus, aiff, and more.
- **Connectivity:** Bluetooth (UAT, LDAC, aptX, AAC, SBC) and Wi-Fi (song transfers, upgrades, DLNA, AirPlay).
- **Operating System:** HiByOS for intuitive user experience.
- **Streaming Services:** Built-in Tidal and Qobuz apps, Internet radio support.
- **Versatile Functions:** Functions as a recorder, USB DAC, sound card, digital audio turntable, headphone amplifier, and e-book reader.

3. Setup

3.1 Charging the Device

Connect the HiBy R2 II to a power source using the provided USB-C cable. The device will indicate charging status on the screen. A full charge typically takes approximately 2 hours.

3.2 Inserting a MicroSD Card

Locate the MicroSD card slot on the side of the device. Gently insert a MicroSD card (up to 2TB supported) into the slot until it clicks into place. Ensure the card is formatted correctly (FAT32 or exFAT) for optimal performance. A high-quality SD card is recommended for reliable operation.

3.3 Initial Power On

Press and hold the power button (usually integrated with the volume knob) until the HiBy logo appears on the screen. Follow the on-screen prompts for initial setup, including language selection and Wi-Fi configuration.

4. Operating Instructions

4.1 Basic Music Playback

Navigate to the 'Music' icon on the main screen. You can browse your music library by artist, album, genre, or folder. Select a track to begin playback. Use the physical playback control buttons or the on-screen controls to play, pause, skip tracks, and adjust volume.



The HiBy R2 II displaying the MQA 8x unfolding playback interface, indicating high-resolution audio capability.

4.2 Bluetooth Connectivity

To connect Bluetooth headphones or speakers:

1. Go to 'Wireless' on the main menu and select 'Bluetooth'.
2. Turn on Bluetooth and put your external device into pairing mode.
3. Select your device from the list of available devices to pair.

The R2 II supports various high-resolution Bluetooth codecs including UAT, LDAC, aptX, AAC, and SBC.



The HiBy R2 II demonstrating high-resolution Bluetooth codec support during music playback.

4.3 Wi-Fi and Streaming

To connect to Wi-Fi:

1. Go to 'Wireless' on the main menu and select 'Wi-Fi'.
2. Choose your network and enter the password.

Once connected, you can access built-in streaming apps like Tidal and Qobuz, or listen to Internet radio. Wi-Fi also enables song transfers, firmware upgrades, DLNA, and AirPlay functionalities.



The HiBy R2 II interface displaying options for streaming music from Tidal, Qobuz, and Internet Radio.

4.4 HiByOS Features

The HiBy R2 II runs on HiByOS, offering various advanced features:

- **MSEB (MageSound Eight-Ball):** A unique sound tuning system allowing granular control over audio characteristics like temperature, thickness, vocal, and bass. Access this feature through the 'System' settings.
- **HiByLink:** Control your R2 II remotely using the HiByLink app on your smartphone via Bluetooth or Wi-Fi.
- **USB DAC Mode:** Connect the R2 II to a computer via USB-C to use it as an external sound card for enhanced audio output.
- **Recorder:** Utilize the dual microphones for high-quality audio recording.



The MSEB (MageSound Eight-Ball) interface on the HiBy R2 II, providing advanced audio tuning options.

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Official product video showcasing the design and key features of the HiBy R2 II MP3 Player.

5. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the device. Avoid liquid cleaners or abrasive materials.
- **Storage:** Store the player in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the device regularly, even if not in use for extended periods.
- **Firmware Updates:** Regularly check for and install firmware updates from the official HiBy website or through the device's Wi-Fi settings to ensure optimal performance and access to new features.

6. Troubleshooting

6.1 Common Issues and Solutions

Problem	Possible Cause	Solution
Device does not power on	Low battery; System crash	Charge the device for at least 30 minutes. If unresponsive, perform a hard reset (refer to manual for specific button combination, usually holding power button for 10-15 seconds).
Bluetooth connectivity issues	Interference; Outdated firmware; Device not in pairing mode	Ensure both devices are in pairing mode and close to each other. Update firmware to the latest version. If issues persist, contact customer service.
SD card not recognized or slow performance	Incorrect formatting; Low-quality SD card; Card not fully inserted	Ensure the SD card is formatted to FAT32 or exFAT. Use a high-speed, reputable brand SD card. Reinsert the card firmly.
Wi-Fi connection unstable	Weak signal; Network interference	Move closer to the Wi-Fi router. Restart the Wi-Fi on the device.

Problem	Possible Cause	Solution
Audio playback issues (skipping, distortion)	Corrupt audio files; Low battery; Software glitch	Try playing different audio files. Ensure battery is sufficiently charged. Restart the device.

7. Specifications

Feature	Detail
Product Dimensions	2.8 x 2.48 x 0.49 inches
Item Weight	7.4 ounces
Manufacturer	HiBy
Batteries	1 Lithium Ion battery (included), 1000mAh
Screen Size	1.77 inches
Display Technology	OLED
Connectivity Technology	Bluetooth, Wi-Fi, USB, Aux
Compatible Devices	Headphones
Media Type	SD Card
Included Components	USB Cable, 3.5mm Headphones/Audio Cable
Color	Black
DAC Chip	ES9219C
Continuous Playback	Up to 15 hours
Standby Time	Up to 20 days



Visual representation of the ES9219C Professional HiFi DAC chip, a core component of the HiBy R2 II.



Internal view highlighting the 1000mAh battery, providing up to 15 hours of continuous playback and 20 days of standby time.

8. Warranty and Support

The HiBy R2 II comes with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included in your product packaging or visit the official HiBy website. For technical support, firmware updates, or any inquiries not covered in this manual, please contact HiBy customer service through their official channels.
It is recommended to keep your purchase receipt as proof of purchase for warranty claims.

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