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> HiBy R6 III 2025 High-Res Portable Audio Player User Manual

## HiBy R6 III 2025

# HiBy R6 III 2025 High-Res Portable Audio Player User Manual

MODEL: R6 III 2025

Brand: HiBy

## 1. Introduction

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Welcome to the user manual for your HiBy R6 III 2025 High-Res Portable Audio Player. This device is engineered for audiophiles, offering uncompromising sound quality and advanced features. It integrates four Cirrus Logic CS43198 DACs, switchable Class A/AB amplification, and supports high-resolution audio formats like DSD512, PCM768kHz/32bit, and MQA 16X. This manual will guide you through the setup, operation, and maintenance of your R6 III 2025 to ensure you get the best possible experience.

## 2. Safety Information

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Please read the following safety precautions carefully before using your device to ensure safe and proper operation.

- Do not expose the device to extreme temperatures, direct sunlight, or high humidity.
- Avoid dropping or subjecting the device to strong impacts.
- Do not attempt to disassemble, repair, or modify the device yourself. Refer all servicing to qualified personnel.
- Use only HiBy-approved chargers and cables to prevent damage and ensure safety.
- Prolonged listening at high volume levels can cause permanent hearing damage. Adjust volume to a moderate level.
- Keep the device away from water and other liquids.

## 3. What's in the Box

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Upon unboxing your HiBy R6 III 2025, please verify that all the following items are included:

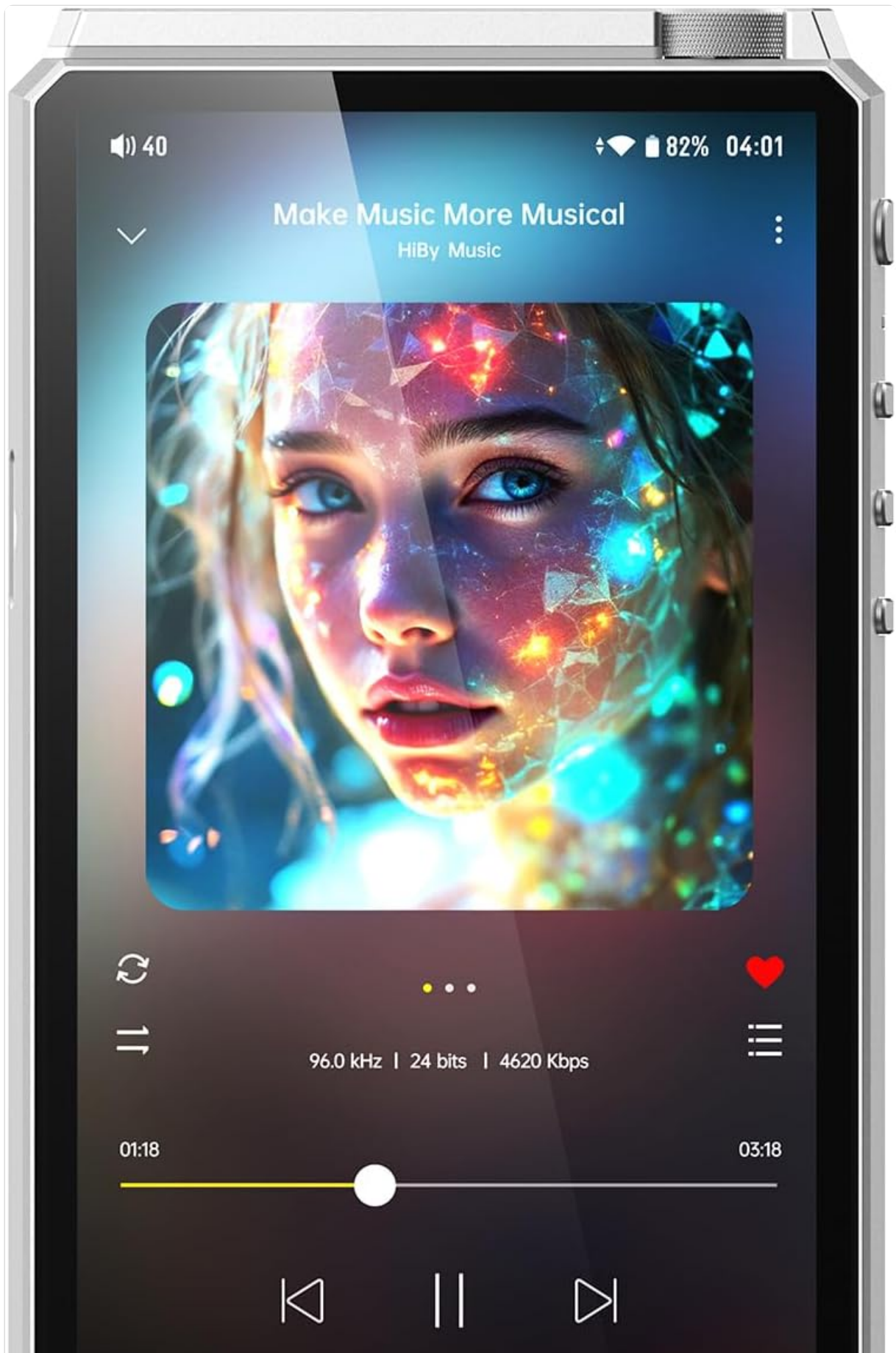
- HiBy R6 III 2025 Portable Audio Player
- Clear Protective Case
- Type-C to Type-C USB Charging Cable

- Screen Protectors (x3) – 2 pre-applied and 1 extra
- User Manual (this document)

## 4. Product Overview

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Familiarize yourself with the physical components and controls of your HiBy R6 III 2025.



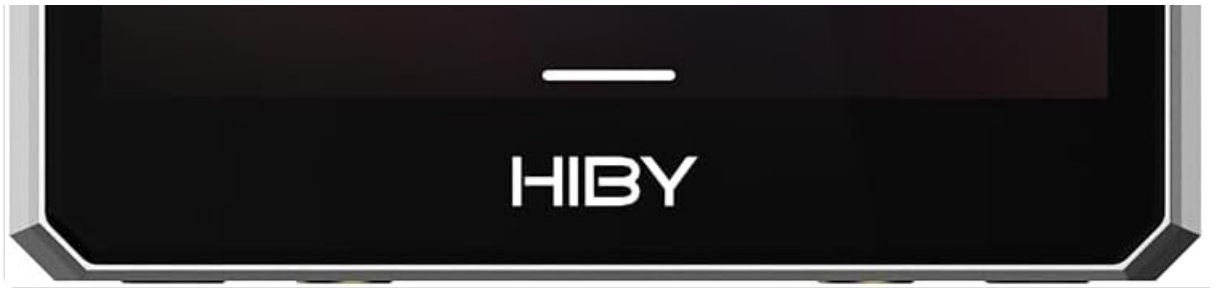
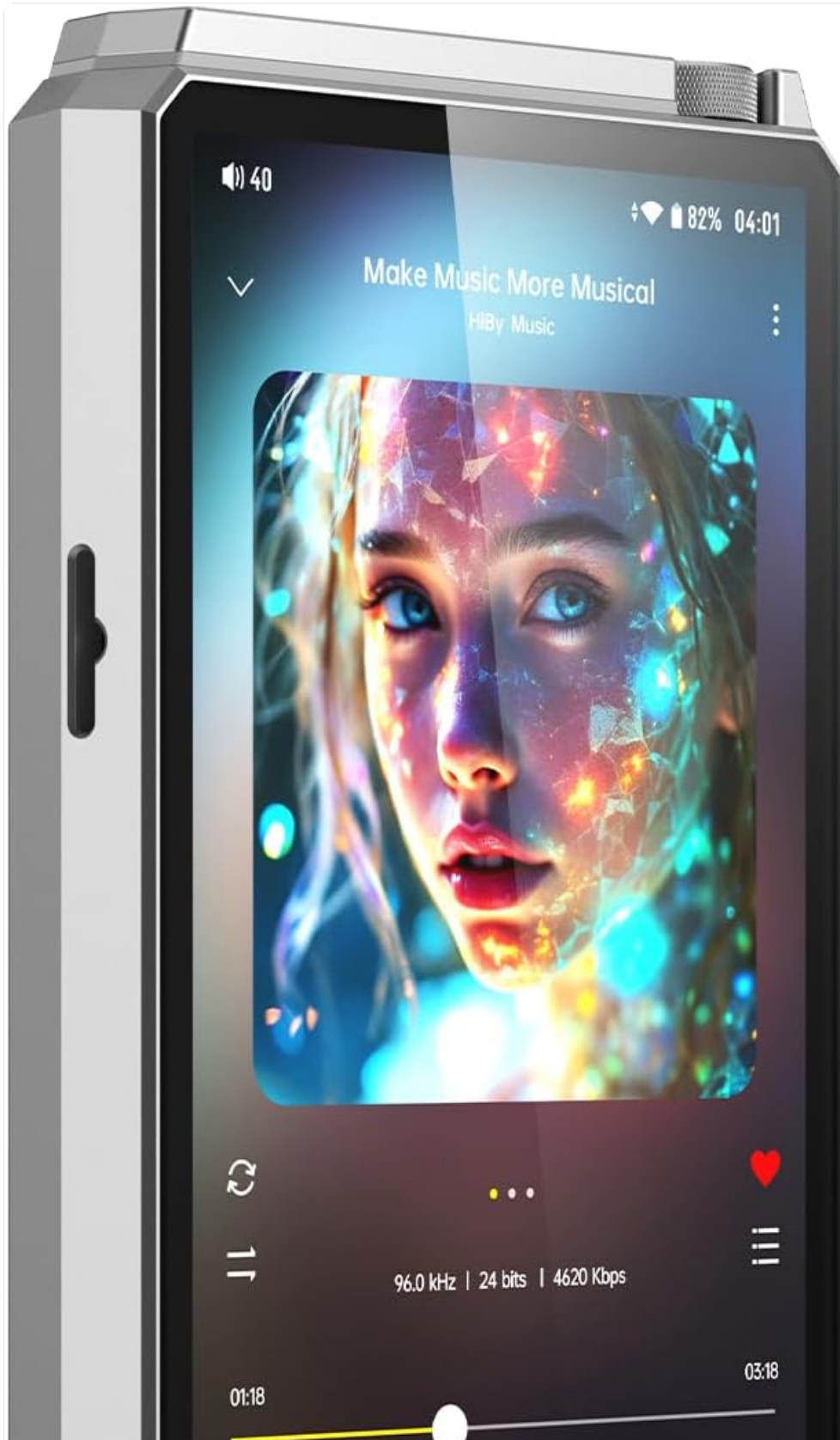


Figure 4.1: Front View of HiBy R6 III 2025. This image shows the device's 5-inch IPS display, which is currently displaying a music playback interface with album art, song title, artist, and playback controls. The HiBy logo is visible at the bottom of the screen.



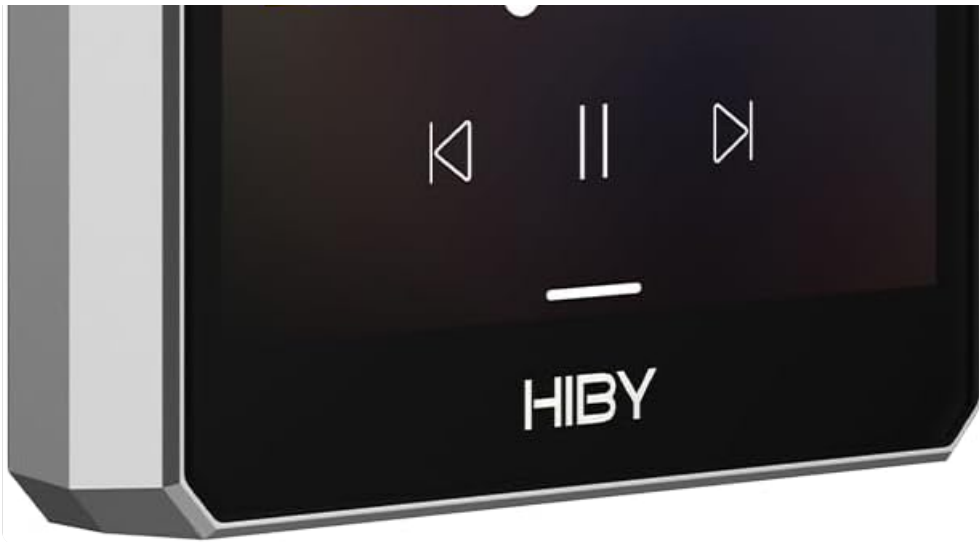


Figure 4.2: Side View with Controls. This image highlights the physical buttons on the side of the device, including volume up/down, play/pause, and track skip buttons. The overall sleek aluminum alloy chassis design is also visible.





Figure 4.3: Back View. The back of the device features a diamond-cut glass backplate with the HiBy logo prominently displayed. "Hi-Res Audio" and "Hi-Res Audio Wireless" certifications are visible, along with regulatory information and the model number.

## 4.1. Components and Controls

- **5-inch IPS Display:** High-resolution touchscreen for navigation and content display.
- **Power Button:** Located on the top/side, used for turning the device on/off and screen lock/unlock.
- **Volume Buttons:** Dedicated buttons for adjusting audio output volume.
- **Playback Control Buttons:** Buttons for Play/Pause, Next Track, and Previous Track.
- **3.5mm Headphone Output:** Standard single-ended audio output.
- **4.4mm Balanced Headphone Output:** Balanced audio output for enhanced sound quality with compatible headphones.
- **USB Type-C Port:** For charging, data transfer, and USB DAC functionality.
- **MicroSD Card Slot:** For expanding storage capacity.

## 5. Setup

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### 5.1. Initial Power On

1. Press and hold the Power button until the HiBy logo appears on the screen.
2. Follow the on-screen prompts to select your preferred language and region.

### 5.2. Connecting to Wi-Fi

1. From the home screen, swipe down from the top to access the quick settings panel.
2. Tap the Wi-Fi icon to enable Wi-Fi.
3. Tap and hold the Wi-Fi icon to enter Wi-Fi settings.
4. Select your desired network from the list and enter the password if prompted.

### 5.3. Inserting a MicroSD Card

The device supports microSD cards up to 2TB for expanded storage.

1. Locate the microSD card slot on the side of the device.
2. Gently insert the microSD card into the slot with the gold contacts facing down until it clicks into place.

3. To remove, gently push the card in until it clicks, then release to eject.

## 6. Operating the Device

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### 6.1. Basic Navigation

- **Touchscreen:** Navigate through menus and applications by tapping, swiping, and pinching.
- **Home Screen:** Access your installed apps and widgets.
- **Notification Panel:** Swipe down from the top of the screen to view notifications and quick settings.

### 6.2. Music Playback

1. Open the HiBy Music app.
2. Browse your music library by artist, album, genre, or folder.
3. Tap on a song to begin playback.
4. Use the on-screen controls or physical buttons for play/pause, skip track, and volume adjustment.

### 6.3. Power On/Off and Screen Lock

- **Power On:** Press and hold the Power button until the device starts.
- **Power Off:** Press and hold the Power button, then select "Power off" from the options.
- **Screen Lock/Unlock:** Briefly press the Power button to turn the screen on or off.

## 7. Connectivity

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### 7.1. Bluetooth Connectivity

The R6 III 2025 features bi-directional Bluetooth 5.0, supporting high-resolution codecs.

- **Pairing:** Go to Settings > Connected devices > Bluetooth. Turn on Bluetooth and select "Pair new device" to find and connect to your Bluetooth headphones or speakers.
- **Supported Codecs:** UAT, LDAC, aptX HD, AAC, SBC.
- **Bi-directional:** The device can transmit audio to Bluetooth headphones/speakers and receive audio from other Bluetooth devices (e.g., a smartphone acting as a source).

### 7.2. Wi-Fi and Streaming

With dual-band Wi-Fi (2.4G & 5G), the R6 III 2025 enables seamless online streaming and network features.

- **Online Streaming:** Install and use your favorite streaming apps (e.g., Tidal, Qobuz, Spotify) via Wi-Fi.
- **DLNA Casting:** Stream music from your device to DLNA-compatible network players.

### 7.3. HiByLink

HiByLink allows you to control your R6 III 2025 remotely from your smartphone or tablet.

1. Download the HiBy Music app on your smartphone.
2. Ensure both your R6 III 2025 and smartphone are connected to the same Wi-Fi network.
3. Open the HiBy Music app on both devices and follow the instructions to establish a HiByLink connection.

## 8. Audio Features

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The HiBy R6 III 2025 is designed for superior audio performance.

- **DACs:** Equipped with four Cirrus Logic CS43198 flagship DACs, providing 8-channel monoblock outputs for exceptional clarity and detail.
- **Amplification:** Features switchable Class A/AB amplification.
  - *Class A:* Offers pure fidelity and rich sound, ideal for critical listening.
  - *Class AB:* Provides higher efficiency, suitable for extended listening sessions.

The amplification circuit utilizes OPA1652 opamps and ELNA audiophile capacitors for superior dynamic range.

- **Supported Audio Formats:** Supports DSD512, PCM768kHz/32bit, and MQA 16X unfolding, ensuring compatibility with a wide range of high-resolution audio files.

## 9. Storage

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The R6 III 2025 offers ample storage for your music library.

- **Internal Memory:** 64GB built-in storage.
- **Expandable Storage:** Supports microSD cards up to 2TB (Micro SDXC) for significant expansion of your music collection.

## 10. Battery and Charging

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The device is equipped with a high-capacity battery for extended playback.

- **Battery Capacity:** 4500mAh.
- **Playback Time:** Up to 13 hours in single-ended (SE) mode.
- **Charging:** Supports PD2.0 fast charging. A full charge can be achieved in under 2 hours using a compatible fast charger and the provided Type-C to Type-C USB cable.
- **Charging Indicator:** The screen will display a charging icon, and the battery percentage will increase as it charges.

## 11. Maintenance

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- **Cleaning:** Use a soft, dry, lint-free cloth to clean the device. For stubborn smudges, a slightly damp cloth with water can be used, but ensure no moisture enters ports. Avoid harsh chemicals or abrasive materials.
- **Software Updates:** Regularly check for firmware updates via Wi-Fi in the device's settings to ensure optimal performance and access to new features.
- **Storage Management:** Periodically review your stored files and delete unnecessary data to free up space and maintain performance.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently and store the device with a partial charge if not used for extended periods.

## 12. Troubleshooting

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Problem	Possible Cause	Solution
Device does not turn on.	Low battery; system crash.	Charge the device for at least 30 minutes. If unresponsive, press and hold the Power button for 10-15 seconds to force a restart.
No sound from headphones.	Volume too low; headphones not properly connected; incorrect output selected.	Increase volume. Ensure headphones are fully plugged into the correct port (3.5mm or 4.4mm). Check audio output settings in the system.

Problem	Possible Cause	Solution
Cannot connect to Wi-Fi.	Incorrect password; out of range; router issue.	Verify Wi-Fi password. Move closer to the Wi-Fi router. Restart your Wi-Fi router.
MicroSD card not recognized.	Card not inserted correctly; card corrupted; unsupported format.	Reinsert the card. Try a different microSD card. Ensure the card is formatted to a compatible file system (e.g., FAT32, exFAT).
Device is slow or unresponsive.	Too many apps running; low storage; software glitch.	Close background apps. Free up internal storage. Restart the device. Consider a factory reset if issues persist (backup data first).

## 13. Specifications

Feature	Detail
Model Name	R6 III 2025
Product Dimensions	0.61 x 2.88 x 5.09 inches
Item Weight	8.8 ounces
Screen Size	5 Inches
Color	Silver
Memory Storage Capacity	64 GB (Internal), up to 2TB (Micro SDXC)
Connectivity Technology	3.5mm and 4.4mm ports, Bluetooth 5.0 (UAT, LDAC, aptX HD, AAC, SBC), DLNA, HiByLink, Wi-Fi (2.4G & 5G)
Special Feature	Hi-Res Audio, Touch Screen, Class A/AB Amp, 4 DACs
Batteries	1 Lithium Polymer battery (4500mAh, included)

## 14. Warranty and Support

For detailed warranty information, please refer to the warranty card included with your product or visit the official HiBy website. HiBy provides customer support for technical assistance and service inquiries.

- **Official Website:** [www.hiby.com](http://www.hiby.com) (Please check the website for the most current support contact information and FAQs.)
- **Product Registration:** Registering your product may provide additional benefits and streamline support processes.