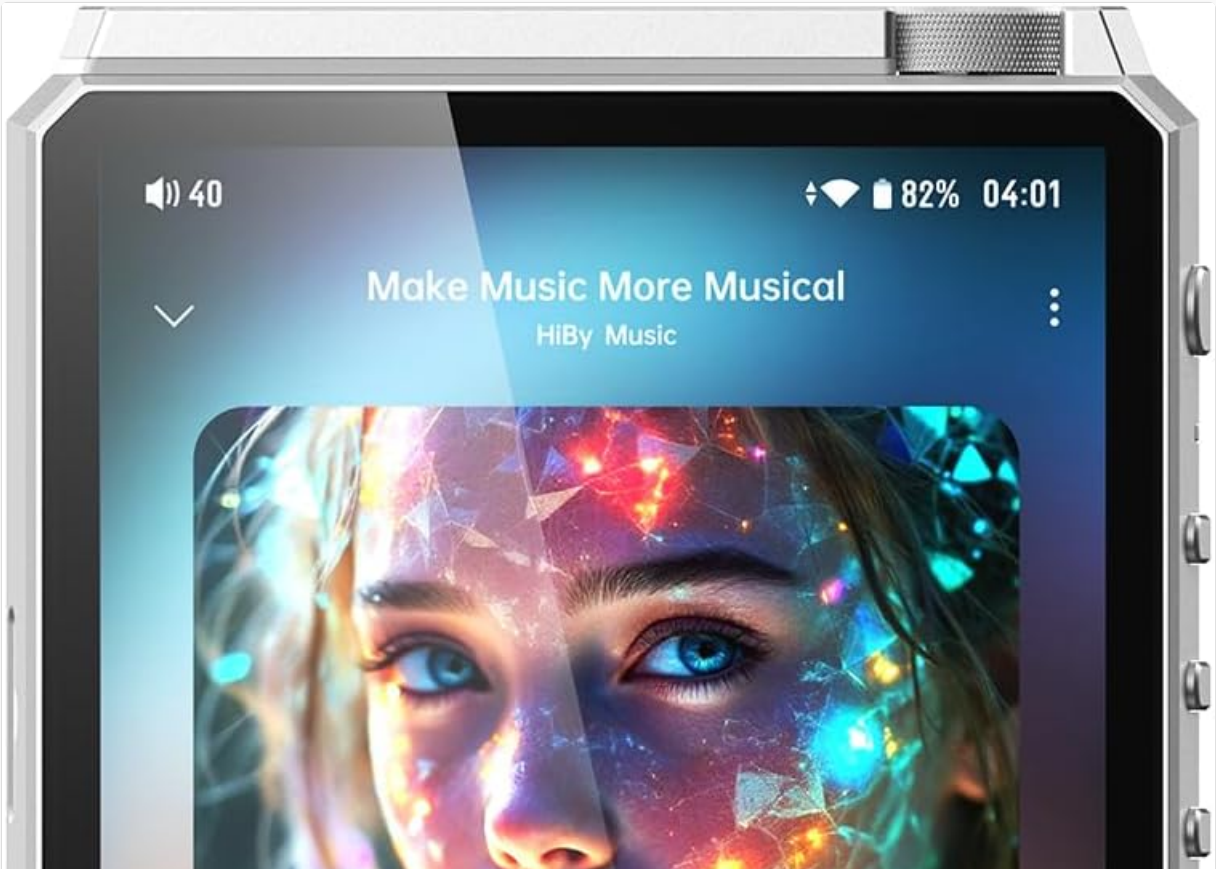
HiBy R6 III 2025

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

Model: R6 III 2025 | Brand: HiBy

1. Product Overview

The 2025 HiBy R6 III is a flagship portable digital audio player designed for audiophiles who demand uncompromising sound quality and cutting-edge technology. It features four Cirrus Logic CS43198 DACs, switchable Class A/AB amplification, and supports DSD512, PCM768kHz/32bit, and MQA 16X, delivering studio-level clarity and dynamic range. With a sleek diamond-cut glass backplate, dual-band WiFi, bi-directional Bluetooth 5.0, and a 4500mAh battery, the R6 III seamlessly blends performance, elegance, and versatility for music lovers on the go.



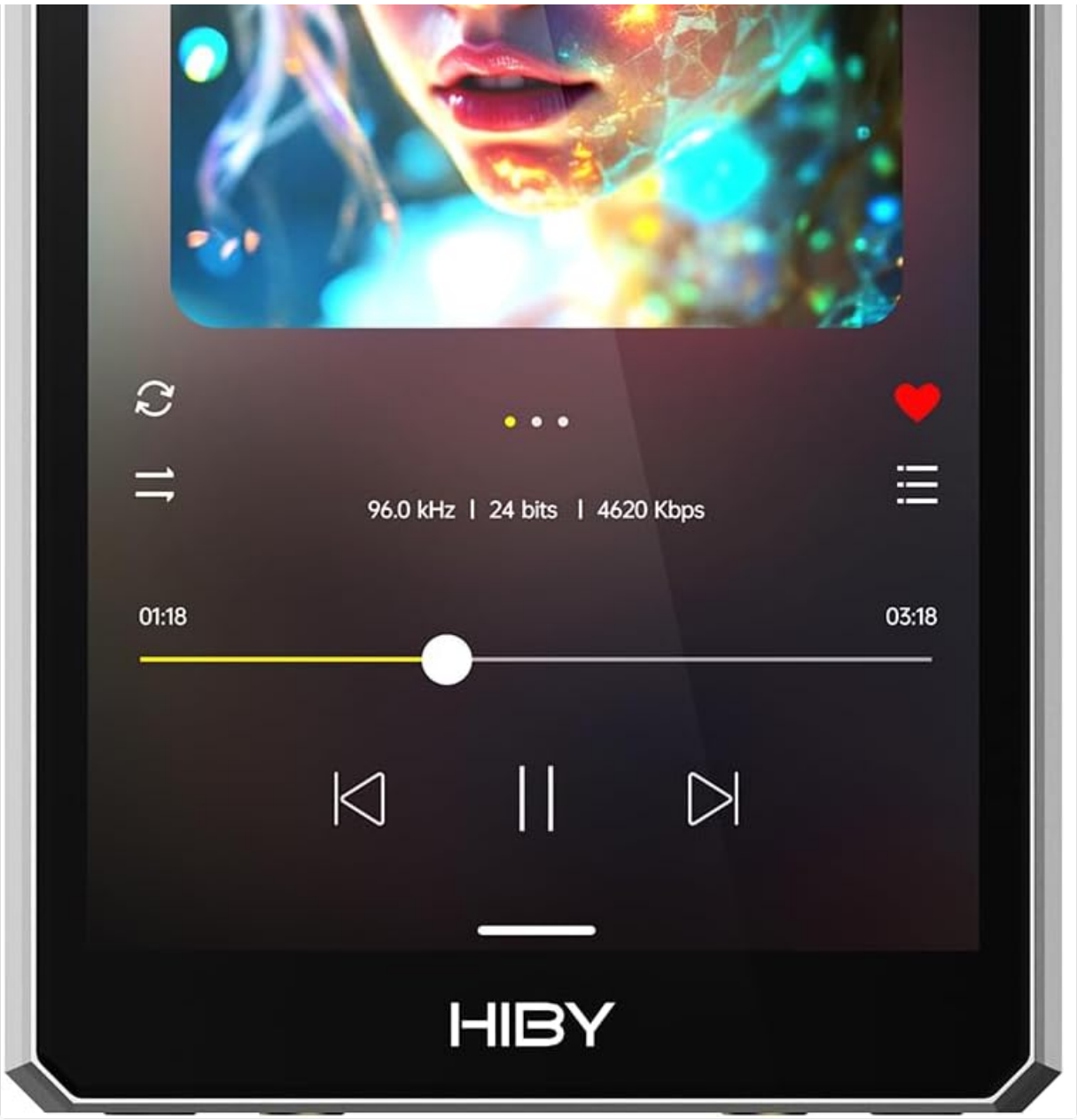


Figure 1.1: Front view of the HiBy R6 III 2025 displaying its user interface.

2. What's in the Box

Upon unboxing your HiBy R6 III 2025, please verify that all the following components 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)

3. Key Features

- **Audio Perfection Redefined:** Powered by 4 Cirrus Logic CS43198 flagship DACs, delivering 8-channel monoblock outputs and supporting DSD512, PCM768kHz/32bit, and MQA 16X unfolding for breathtaking, studio-quality sound.
- **Class A / AB Amplification:** Switch between Class A for pure fidelity and Class AB for efficiency at the push of a button, with OPA1652 opamps and ELNA audiophile capacitors ensuring superior dynamic range and optimal drive

for all headphones.

- **Advanced Connectivity and Storage:** Enjoy bi-directional Bluetooth 5.0 with high-res codecs like UAT, LDAC, aptX HD, AAC, SBC, alongside dual-band WiFi (2.4G & 5G) for seamless streaming, DLNA casting, and ultra-stable connections. Store your music library with ease using 64GB internal memory, expandable up to 2TB via microSD card.
- **Stunning Design and Display:** Experience timeless elegance with a sleek aluminum alloy chassis and diamond-cut glass backplate, paired with a 5-inch 720p IPS display offering crisp visuals and a premium tactile feel.
- **Power That Lasts:** A massive 4500mAh battery delivers up to 13 hours of playback in SE mode, with PD2.0 fast charging providing a full charge in under 2 hours, perfect for extended listening sessions.

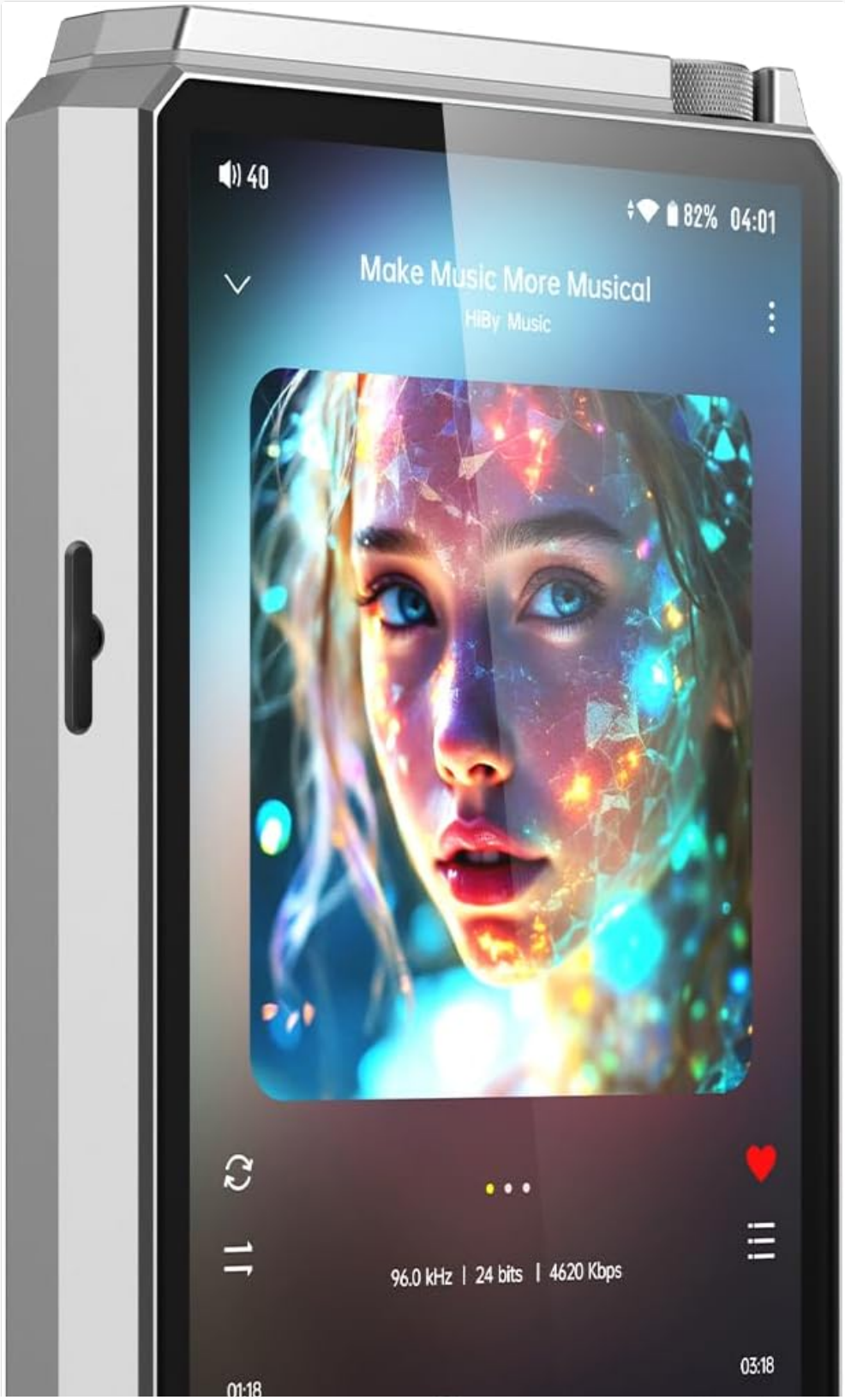




Figure 3.1: Rear view of the HiBy R6 III 2025, highlighting its design and audio certifications.

4. Setup Guide

4.1 Initial Charging

Before first use, fully charge the HiBy R6 III 2025. Connect the provided Type-C 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 device supports PD2.0 fast charging.

4.2 Powering On/Off

- **To Power On:** Press and hold the Power button (located on the side) for a few seconds until the screen illuminates.
- **To Power Off:** Press and hold the Power button until a power-off menu appears. Select 'Power off' to shut down the device. A short press will turn the screen on/off.

4.3 Inserting a MicroSD Card

The HiBy R6 III 2025 has 64GB of internal storage and supports microSD cards up to 2TB for expanded storage. Locate the microSD card slot on the side of the device. Gently insert the microSD card into the slot until it clicks into place. To remove, push the card inward until it springs out.

4.4 Initial System Setup

Upon first power-on, the device will guide you through an initial setup process. This typically includes selecting your preferred language, connecting to a Wi-Fi network, and agreeing to terms and conditions. Follow the on-screen prompts to complete the setup.

5. Operating Instructions

5.1 Physical Buttons and Ports



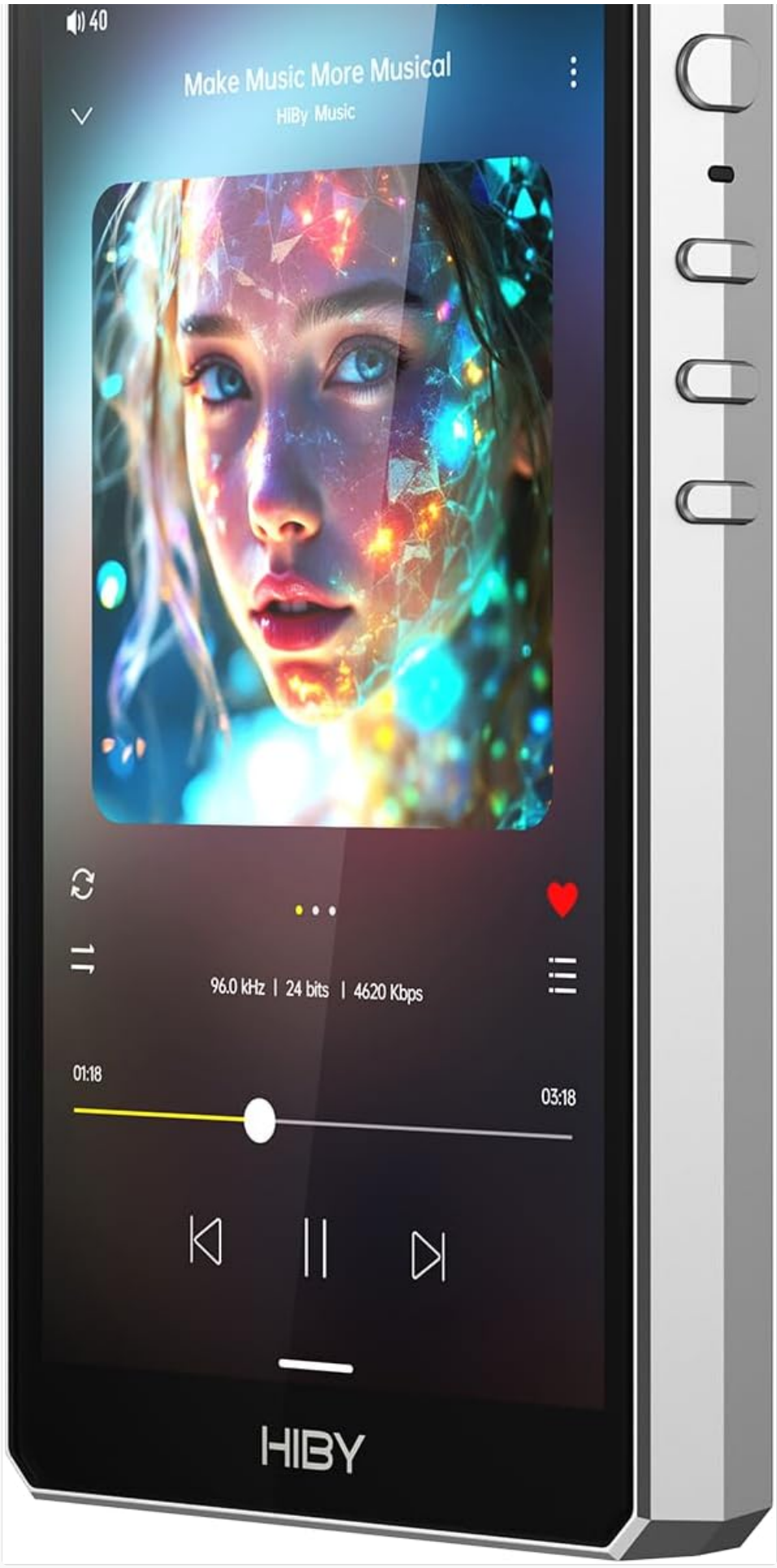


Figure 5.1: Side view of the HiBy R6 III 2025, illustrating button layout.

- **Power Button:** Power on/off, screen on/off.
- **Volume Up/Down:** Adjusts audio output volume.

- **Play/Pause Button:** Controls music playback.
- **Previous/Next Track Buttons:** Skips to the previous or next song.
- **3.5mm Headphone Jack:** Standard single-ended audio output.
- **4.4mm Balanced Headphone Jack:** Balanced audio output for compatible headphones.
- **USB-C Port:** For charging, data transfer, and USB DAC functionality.

5.2 Touch Screen Navigation

The HiBy R6 III 2025 features a 5-inch 720p IPS touch display. Navigate the Android 12 operating system by swiping, tapping, and pinching gestures similar to a smartphone. The HiBy Music app is pre-installed for optimal audio playback.

5.3 Music Playback

Open the HiBy Music application to manage and play your audio files. The app supports a wide range of formats including DSD, PCM, MQA, FLAC, WAV, MP3, and more. Use the on-screen controls or physical buttons for playback, volume adjustment, and track navigation.

5.4 Connectivity

- **Wi-Fi:** Connect to 2.4G or 5G Wi-Fi networks via the Android settings menu for streaming services, firmware updates, and DLNA casting.
- **Bluetooth:** The device supports bi-directional Bluetooth 5.0. Pair with Bluetooth headphones or speakers for wireless audio output, or connect to a smartphone to use the R6 III as a Bluetooth DAC. Supported codecs include UAT, LDAC, aptX HD, AAC, and SBC.
- **HiByLink:** Use the HiByLink feature to control the R6 III remotely from your smartphone via Bluetooth.

5.5 Amplification Modes (Class A/AB)

The HiBy R6 III 2025 allows switching between Class A and Class AB amplification modes. Access this setting within the device's audio settings or quick settings panel. Class A mode provides a purer, more linear sound, while Class AB offers greater power efficiency and is suitable for most listening scenarios.

6. Maintenance

6.1 Cleaning the Device

Use a soft, dry, lint-free cloth to clean the device's screen and body. For stubborn smudges, slightly dampen the cloth with water. Avoid using harsh chemicals, abrasive materials, or excessive moisture, as these can damage the device.

6.2 Battery Care

To prolong battery life, avoid fully discharging the device frequently. Store the device in a cool, dry place when not in use for extended periods. If storing for a long time, ensure the battery is charged to approximately 50-70%.

6.3 Software Updates

Periodically check for firmware updates to ensure optimal performance and access to new features. Connect the device to Wi-Fi and navigate to System Settings > About device > System update to check for and install available updates.

7. Troubleshooting

7.1 Common Issues and Solutions

- **Device not powering on:** Ensure the device is sufficiently charged. Connect it to a power source and try again. If

the issue persists, perform a forced restart by holding the power button for an extended period (e.g., 10-15 seconds).

- **No sound output:** Check headphone connections (3.5mm or 4.4mm). Ensure volume is not muted or set too low. Verify that the correct output mode is selected in audio settings. Test with different headphones.
- **Bluetooth connectivity issues:** Ensure Bluetooth is enabled on both the R6 III and the target device. Unpair and re-pair the devices. Clear Bluetooth cache if necessary.
- **Wi-Fi connection unstable:** Ensure you are within range of the Wi-Fi router. Try forgetting the network and reconnecting. Restart the Wi-Fi router if other devices are also experiencing issues.
- **Device freezing or unresponsive:** Perform a forced restart by holding the power button until the device reboots.

7.2 Factory Reset

If persistent issues occur, a factory reset may resolve them. **Warning:** A factory reset will erase all data on the device, including music files, apps, and settings. Back up important data before proceeding. To perform a factory reset, navigate to System Settings > System > Reset options > Erase all data (factory reset).

8. Specifications

Feature	Detail
Model Name	R6 III 2025
Product Dimensions	0.61 x 2.88 x 5.09 inches
Item Weight	8.8 ounces
Manufacturer	HiBy
Batteries	1 AA batteries required (included)
Special Feature	Hi-Res Audio, Touch Screen
Connectivity Technology	3.5mm and 4.4mm ports, Bluetooth, DLNA, HiByLink, Wi-Fi
Memory Storage Capacity	64 GB internal, expandable up to 2TB via Micro SDXC
Color	Silver
Screen Size	5 Inches
DACs	4 Cirrus Logic CS43198
Amplification	Switchable Class A/AB
Supported Audio Formats	DSD512, PCM768kHz/32bit, MQA 16X, and more
Bluetooth Codecs	UAT, LDAC, aptX HD, AAC, SBC
Battery Capacity	4500mAh
Charging	PD2.0 Fast Charging

9. Warranty and Support

Warranty information for the HiBy R6 III 2025 is typically provided with your purchase documentation. Please refer to the warranty card or contact your retailer for specific details regarding warranty coverage and duration.

For technical support, software updates, or additional assistance, please visit the official HiBy website or contact their customer service department. Keep your purchase receipt and product serial number readily available when seeking support.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

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.

Submit question