UGREEN WS210

UGREEN HiTune S5 Wireless Open-Ear Headphones User Manual

Model: WS210

1. Introduction

Thank you for choosing the UGREEN HiTune S5 Wireless Open-Ear Headphones. These headphones are designed to provide a comfortable listening experience with an open-ear design, high-definition stereo sound, and advanced features like Bluetooth 5.4 connectivity and DNN Noise Reduction for clear calls. This manual provides detailed instructions on how to set up, operate, maintain, and troubleshoot your new headphones.

2. Package Contents

Please check the package to ensure all items are present:

- 1 x UGREEN HiTune S5 Bluetooth Headphones (Left and Right Earbuds)
- 1 x Charging Case
- 1 x User Manual (this document)
- 1 x USB-C Charging Cable

3. Product Overview

The UGREEN HiTune S5 headphones feature an innovative open-ear design for comfort and situational awareness. Key components include the earbuds with ear-clip design and the portable charging case.


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Figure 3.1: UGREEN HiTune S5 Headphones and Charging Case

This image displays the UGREEN HiTune S5 open-ear headphones, showing both the left and right earbuds along with their compact charging case. The earbuds feature a sleek, ergonomic design with integrated ear hooks for a secure fit.

3.1 Design and Comfort

The ear clip design ensures a comfortable wearing experience without causing pressure on the ear canal. The memory titanium alloy connector is bendable and durable, ensuring the headphones remain secure even during active use.



Figure 3.2: Open Ear Canal Design and Durable Titanium Alloy

This image illustrates the open-ear canal design of the HiTune S5 headphones, highlighting the ear-shaped neck design and the flexible, durable titanium alloy construction that ensures a comfortable and secure fit.

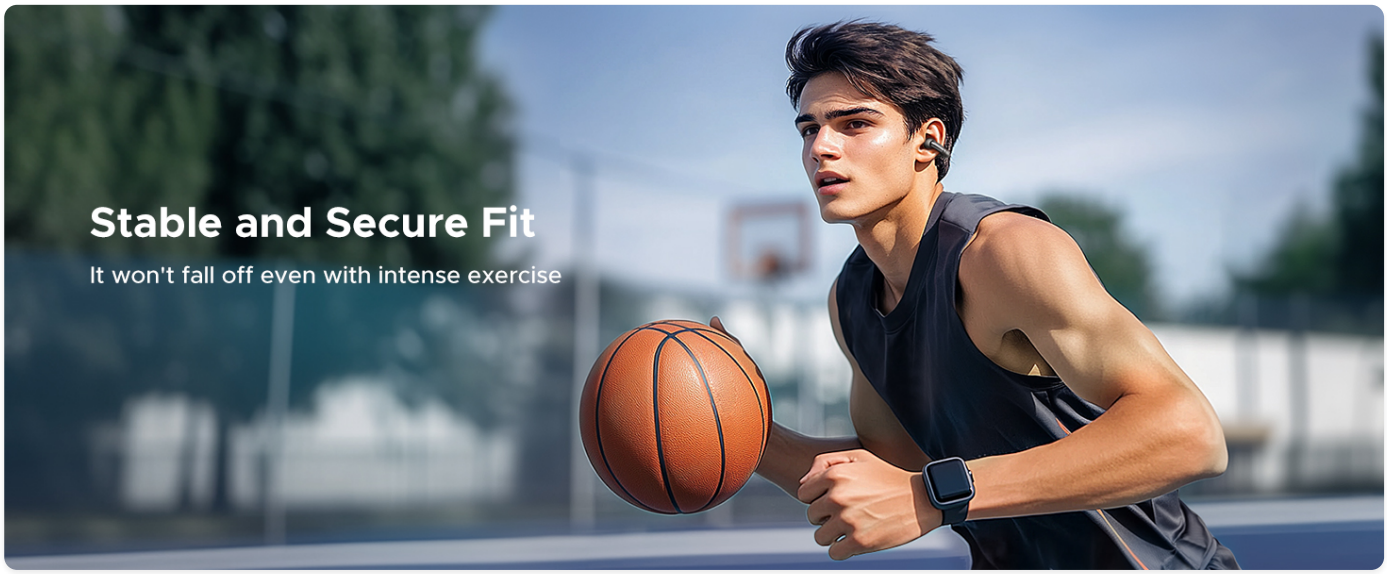


Figure 3.3: Stable and Secure Fit

This image shows a person playing basketball while wearing the UGREEN HiTune S5 headphones, demonstrating their stable and secure fit during intense physical activity.

3.2 Audio Technology

Equipped with a 12mm Silicone + Bio-diaphragm Unit, these headphones deliver high-definition stereo sound with powerful bass and clear audio details. The speaker's optimal opening range and angle ensure precise sound transmission and reduced sound leakage.



Figure 3.4: 12mm Biological Diaphragm Unit

This image provides a close-up view of the 12mm composite biological diaphragm unit within the UGREEN HiTune S5 headphones, illustrating its design for restoring sound details and delivering high-quality audio.

4. Setup

4.1 Charging the Headphones and Case

Before first use, fully charge the headphones and the charging case. The earbuds can last for 6 hours on a single charge, and the total playtime with the charging case is 24 hours. The earphones fully charge in 1.5 hours, and the charging case in 2 hours. A quick 10-minute charge provides 2 hours of music playback.



Figure 4.1: Battery Life and Charging Information

This image visually represents the battery life of the UGREEN HiTune S5 headphones, indicating 24 hours of total battery life with the charging case, 6 hours on a single charge, and that a 10-minute charge provides 2 hours of playback.

4.2 Pairing with Your Device

The HiTune S5 headphones support one-click pairing for quick connection.

- **Connect Bluetooth:** Press and hold the function button (or touch area) on the earbuds for 3 seconds. The headphones will enter pairing mode.
- **Reset:** To reset the headphones, press and hold the function button (or touch area) for 10 seconds.

Once in pairing mode, open the Bluetooth settings on your mobile phone, laptop, tablet, or smart speaker and select "UGREEN HiTune S5" from the list of available devices.



Figure 4.2: Pairing Instructions

This image illustrates the one-click pairing process for the UGREEN HiTune S5 headphones, showing the earbuds in their charging case next to a smartphone displaying the UGREEN HiTune S5 app interface, with instructions for connecting and resetting the Bluetooth connection.

5. Operating Instructions

5.1 Touch Controls

The HiTune S5 headphones feature intuitive touch controls for easy management of music and calls. Specific controls are typically managed via the UGREEN app or standard touch gestures:

Function	Action

Function	Action
Play/Pause Music	Single-tap the left/right earbud
Next Track	Long press the right ear for 1 second
Previous Track	Long press the left ear for 1 second
Answer/Hang up Call	Double-tap the left/right earbud
Reject Incoming Call	Long press the left/right earbud for 1 second
Activate Voice Assistant	Double-tap the left earbud
Music/Game Mode Toggle	Double-tap the right earbud

For detailed customization and additional features, please refer to the UGREEN app, which allows for app control as indicated in the specifications.



Figure 5.1: Overview of Touch Controls

This image displays a clear guide to the touch controls of the UGREEN HiTune S5 headphones, detailing actions for music playback, call management, and voice assistant activation.

5.2 Dual-Device Connection

The HiTune S5 headphones support simultaneous connection to two devices, such as a smartphone and a laptop, allowing seamless switching between audio sources.

- To pair two devices at the same time: When the headset is connected to the first device, place both headphones into the charging case, then press and hold the reset button on the case for 3 seconds to enter pairing mode for the second device.



Figure 5.2: Dual-Device Connectivity

This image demonstrates the ability of the UGREEN HiTune S5 headphones to connect to two devices simultaneously, showing compatibility with Windows, iOS, and Android operating systems.

5.3 Low Latency Performance

Equipped with Bluetooth 5.4, the headphones offer low latency, anti-interference capabilities, and low power consumption. The sound delay is within 80ms, ensuring audio and video synchronization for an enhanced gaming and audiovisual experience.

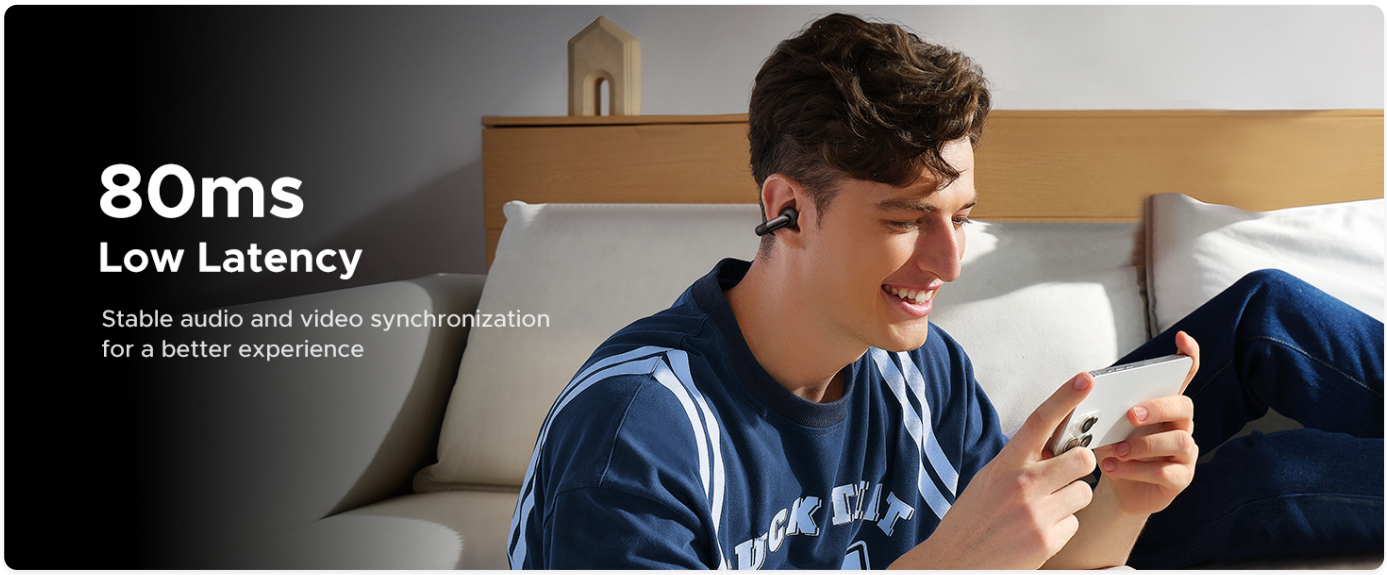


Figure 5.3: 80ms Low Latency for Synchronized Audio

This image shows a person enjoying content on a smartphone while wearing the UGREEN HiTune S5 headphones, illustrating the benefit of 80ms low latency for stable audio and video synchronization.

5.4 Noise Reduction for Calls

The headphones incorporate DNN (Deep Neural Network) Noise Reduction technology, utilizing an AI algorithm for effective noise reduction and directional call noise reduction, ensuring clear calls even in noisy environments.



Figure 5.4: DNN Noise Reduction in Action

This image depicts a user wearing the UGREEN HiTune S5 headphones in a setting that suggests noise reduction, with a visual representation of sound waves indicating the effect of DNN noise reduction technology.

6. Maintenance

6.1 Water Resistance

The UGREEN HiTune S5 earbuds are IPX5 water resistant, meaning they are protected against low-pressure water jets from any direction. This makes them suitable for use during exercise where they may be exposed to sweat.



Figure 6.1: IPX5 Water Resistance

This image shows a person engaged in a sport, highlighting the IPX5 water and sweat resistance feature of the UGREEN HiTune S5 headphones, indicating their suitability for active use.

6.2 Cleaning and Storage

- Regularly clean the earbuds and charging case with a soft, dry, lint-free cloth.
- Avoid using abrasive cleaners, alcohol, or chemical solvents.
- Store the headphones in their charging case when not in use to protect them from dust and damage.
- Keep the headphones away from extreme temperatures and direct sunlight.

7. Troubleshooting

Problem	Possible Cause	Solution
Headphones do not power on.	Low battery.	Place earbuds in the charging case and charge fully.
Cannot pair with device.	Headphones not in pairing mode; Bluetooth off on device; interference.	Ensure headphones are in pairing mode (hold for 3s). Turn device Bluetooth off/on. Move closer to device. Reset headphones (hold for 10s).
No sound or low volume.	Volume too low; headphones not connected; audio source issue.	Increase volume on both headphones and connected device. Reconnect headphones. Check audio output settings on your device.
Intermittent connection or audio dropouts.	Distance from device; interference; low battery.	Reduce distance between headphones and device. Avoid strong Wi-Fi or other Bluetooth signals. Charge headphones.
One earbud not working.	Connection issue; earbud not charged.	Place both earbuds back in the case, close, then reopen. Ensure both are charged. Reset headphones.

8. Specifications

Feature	Detail
Model Number	WS210
Connectivity Technology	Wireless (Bluetooth 5.4)
Ear Placement	Open Ear
Form Factor	True Wireless
Noise Control	Active Noise Cancellation (DNN Noise Reduction for calls)
Driver Size	12mm Silicone + Bio-diaphragm Unit
Charging Time (Earbuds)	1.5 Hours
Charging Time (Case)	2 Hours
Playtime (Single Charge)	Up to 6 hours
Total Playtime (with Case)	Up to 24 hours
Water Resistance Level	IPX5 Water Resistant
Compatible Devices	Mobile Phones, Laptops, Tablets, Smart Speakers
Control Type	App Control / Touch Control
Frequency Range	2400MHz-2483.5MHz
Product Dimensions	3.6 x 1.9 x 2.6 cm

Feature	Detail
Item Weight	130 g



Figure 8.1: Bluetooth 5.4 Technology

This image highlights the Bluetooth 5.4 chip, emphasizing its role in providing a more stable connection and faster data transmission for the UGREEN HiTune S5 headphones.

9. Warranty Information

The UGREEN HiTune S5 Wireless Open-Ear Headphones come with a **24-month warranty** from the date of purchase. This warranty covers manufacturing defects and issues arising from normal use. Please retain your proof of purchase for warranty claims.

The warranty does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear.

10. Customer Support

For any questions, technical assistance, or warranty claims, please contact UGREEN customer service. We offer**24-hour customer service** and **lifetime technical support**.

- **Online Support:** Visit the official UGREEN website for FAQs and support resources.
- **Email Support:** Refer to your product packaging or the UGREEN website for the dedicated support email address.
- **Phone Support:** Check the UGREEN website for regional contact numbers.

When contacting support, please have your product model number (WS210) and proof of purchase ready.

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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.

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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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