

LTC SS-503

LTC SS-503 TWS Wireless Earbuds

USER MANUAL

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your LTC SS-503 TWS Wireless Earbuds.

Product Overview



Image: The LTC SS-503 TWS Wireless Earbuds shown with their charging case, highlighting the sleek white design and RGB lighting on the case. The LTC SS-503 TWS Wireless Earbuds are designed for an immersive audio experience, featuring Bluetooth 5.1 connectivity, dual music and gaming modes, and a distinctive RGB light charging case. They are built for comfort and durability, with an IPX4 waterproof rating suitable for various activities.

Key Features:

- **Cool RGB Light:** Customizable lighting modes on the charging case.
- **IPX4 Waterproof:** Resistant to splashes and sweat, ideal for workouts.
- **Quick Charging & Long Playtime:** Fast charging via USB-C or wireless, with extended battery life.
- **Bluetooth 5.1 & Low Latency:** Stable connection and minimal audio delay.
- **Dual Mode (Music & Gaming):** Optimized sound profiles for different uses.
- **HiFi Stereo Sound:** Delivers clear audio with deep bass and crisp treble.

- **Simply Pairing & Touch Controls:** Easy device connection and intuitive touch-sensitive controls.

Setup

1. What's in the Box

Upon unboxing, ensure the following components are present:

- LTC SS-503 TWS Wireless Earbuds (Left and Right)
- Wireless Charging Case
- USB-C Charging Cable
- User Manual (this document)

2. Initial Charging

Before first use, fully charge the earbuds and the charging case.



Image: The charging case demonstrating both USB-C cable charging and wireless charging capabilities.

- **Via USB-C Cable:** Connect the provided USB-C cable to the charging case and a power source. The charging case will

indicate charging status.

- **Wireless Charging:** Place the charging case on a compatible wireless charging pad. Ensure the case is properly aligned for efficient charging.
- **Charging Time:** The charging case takes approximately 1.5 hours to fully charge. Earbuds charge when placed inside the case.

Note: Wireless charging devices with fast charging functions may adversely affect the charging case. Avoid using such devices to charge the case.

3. Pairing with Your Device

The earbuds support hassle-free pairing with iOS/Android phones, Mac, or Windows laptops.

Easy to Pair and Connect

Open charging box or take out the earbuds
Connect bluetooth<SS-503>

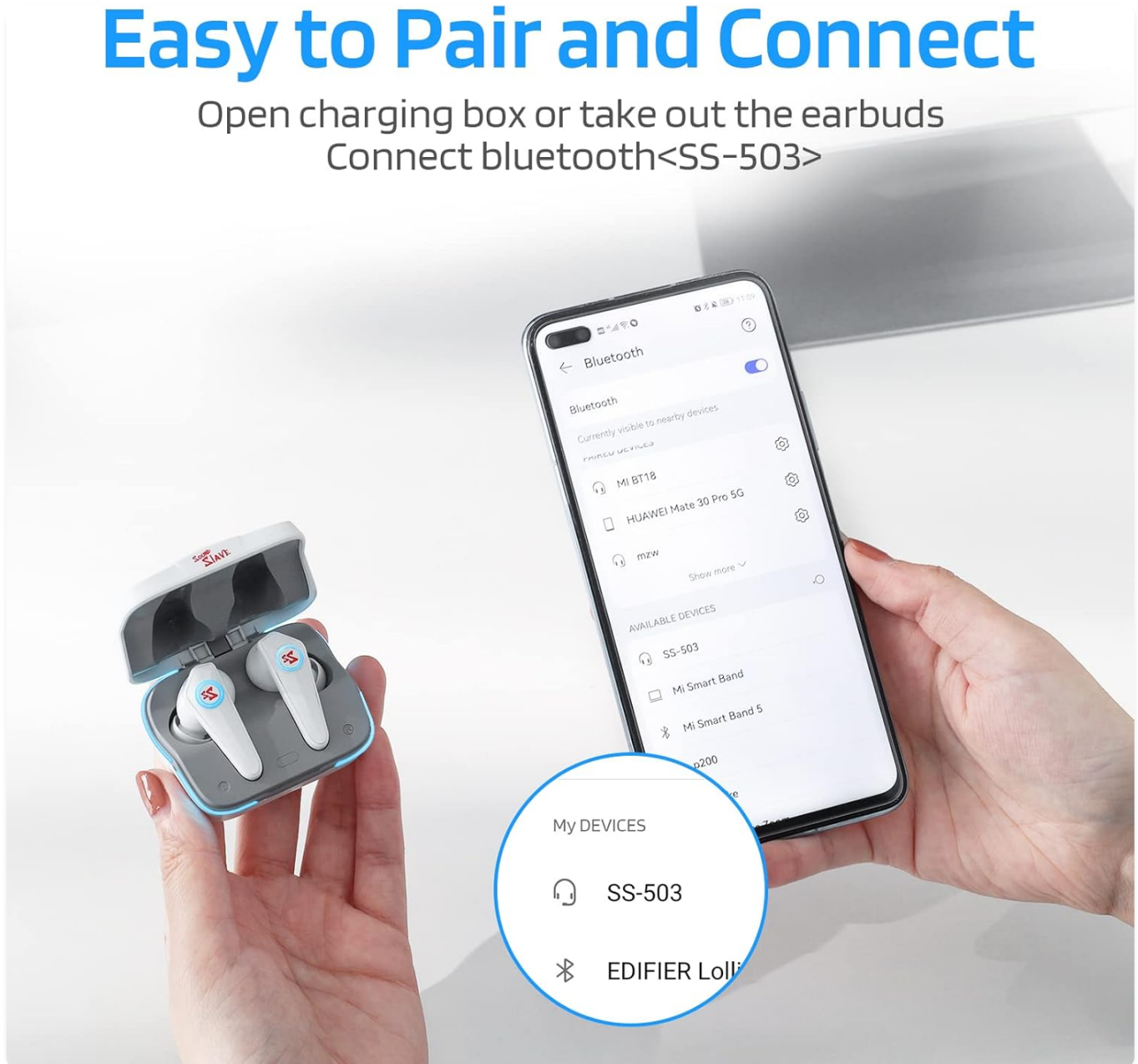


Image: A smartphone displaying Bluetooth settings, showing the "SS-503" earbuds available for connection, with the charging case open beside it.

1. First-time Pairing:

- Open the charging case. The earbuds will automatically power on and enter pairing mode.
- On your device (smartphone, tablet, laptop), enable Bluetooth and search for available devices.
- Select "SS-503" from the list of found devices to connect.
- Once connected, a voice prompt will confirm successful pairing.

2. Connecting to Other Devices:

- To connect to a new device or reset pairing, open the earbud compartment without removing the earbuds.
- Press and hold the function key (MFB) in the middle of the charging case for approximately 5 seconds until both earbud indicators light up simultaneously. This indicates a successful reset.
- When the earbud indicators begin single blinking, the headset is in pairing state and ready to connect to a new device.

Operating Instructions

1. Power On/Off

- **Power On:** Open the charging case, and the earbuds will automatically power on and connect to the last paired device.
- **Power Off:** Place the earbuds back into the charging case and close the lid. They will automatically power off and begin charging.

2. Touch Controls

The earbuds feature intuitive touch controls on both the left and right earbuds (MFB - Multi-Function Button).



Image: Diagram illustrating the touch control functions on the earbuds, including play/pause, track navigation, call management, and voice assistant activation.

Function	Action
Play/Pause	Single tap on either earbud.
Next Song	Double tap on the right earbud.
Previous Song	Double tap on the left earbud.
Answer/End Call	Single tap on either earbud.
Reject Call	Press and hold either earbud for 2 seconds.
Activate Voice Assistant (Siri/Google)	Triple tap on the left earbud.

3. Dual Mode Switching (Music/Gaming)

The LTC SS-503 earbuds offer two distinct audio modes for optimized performance.

High-Quality Dual Mode

Music Mode

Crystal music output



OFF

Gaming Mode

Low latency



ON

Image: A smartphone screen displaying both music playback and a gaming interface, with icons indicating "Music Mode" and "Gaming Mode" for the earbuds.

- **Switching Modes:** Press the right earbud's MFB for 3 seconds to switch between modes.
- **Gaming Mode:** This mode is designed to weaken ambient sound and strengthen specific in-game audio cues, such as footsteps, providing a low-latency experience for immersive gaming.
- **Music Mode:** This mode produces high-fidelity stereo sound with deep bass and clear treble, optimized for general music listening.

4. RGB Light Control (Charging Case)

The charging case features customizable RGB lighting.



Image: The charging case illuminated with vibrant RGB lights, emphasizing its colorful and fashionable design.

- **Switching Light Modes:** Short press the MFB (Multi-Function Button) in the middle of the charging box to cycle through 9 different light modes.
- **Turning Lights On/Off:** Double-press the MFB in the middle of the charging box to turn the RGB lights on or off.

Maintenance

Proper maintenance ensures the longevity and optimal performance of your earbuds.

- **Cleaning:** Regularly wipe the earbuds and charging case with a soft, dry, lint-free cloth. Avoid using abrasive materials or harsh chemicals. For ear tips, remove them and clean with mild soap and water, then dry thoroughly before reattaching.

- **Water Resistance (IPX4):** The earbuds are IPX4 waterproof, meaning they are resistant to splashing water from any direction. This makes them suitable for workouts and light rain. However, they are not designed for submersion in water, swimming, or showering. Do not expose them to pressurized water or high-velocity water.
- **Storage:** When not in use, store the earbuds in their charging case to protect them and keep them charged. Store in a cool, dry place away from extreme temperatures and direct sunlight.
- **Battery Care:** To preserve battery life, avoid fully discharging the earbuds and charging case frequently. Charge them regularly, even if not used for extended periods.



Image: The earbuds and charging case shown with water droplets, illustrating their IPX4 waterproof capability.

Troubleshooting

If you encounter issues with your LTC SS-503 earbuds, refer to the following common problems and solutions:

Issue 1: Only one earbud has sound.

This product supports a dual-host function, allowing use of a single earbud. If only one earbud has sound when both are in use, it may require a reset.

- **Solution:** Place both earbuds back into the charging case. Close the lid, then open it again. This will reset and re-pair the earbuds. If the issue persists, perform a full reset as described in the "Connecting to Other Devices" section under Setup.

Issue 2: Occasional disconnection or unstable connection.

Bluetooth 5.1 technology provides a stable connection, but environmental factors can affect performance.

- **Solution:**
 - Ensure the effective connection distance (less than 10 meters) is maintained between the earbuds and your device.
 - Avoid signal-blocking objects such as thick walls or large metal structures between your device and the earbuds.
 - Ensure there is no significant electromagnetic interference from other electronic devices nearby.
 - Try resetting the earbuds and re-pairing them with your device.

Issue 3: Earbuds or charging case not charging.

If your device is not charging as expected, check the following:

- **Solution:**

- Verify that the USB-C cable is securely connected to both the charging case and the power adapter.
- Ensure the power adapter is functioning correctly and plugged into a live outlet.
- If using wireless charging, ensure the charging case is correctly positioned on the wireless charging pad and the pad is powered.
- Try using a different USB-C cable or power adapter to rule out faulty accessories.
- Clean the charging contacts on both the earbuds and inside the charging case with a dry cotton swab to ensure good connection.

Specifications

Detailed technical specifications for the LTC SS-503 TWS Wireless Earbuds:

Feature	Detail
Model Name	Sound Slave (SS-503)
Connectivity Technology	Wireless (Bluetooth 5.1)
Bluetooth Range	Up to 10 Meters
Water Resistance Level	IPX4 (Water Resistant)
Earbud Battery Life	Up to 5 Hours
Total Playtime (with Charging Case)	Up to 20 Hours
Charging Time (Case)	1.5 Hours
Control Type	Touch Control (Media Control)
Audio Driver Type	Dynamic Driver
Frequency Range	20 Hz - 20,000 Hz
Material	Plastic
Item Weight	5 ounces (total package)
Color	White

Warranty and Support

LTC products are manufactured with high standards of quality. For specific warranty details, please refer to the warranty card included with your product or visit the official LTC website. Keep your purchase receipt as proof of purchase for any warranty claims.

For further assistance, technical support, or inquiries, please refer to the official user manual PDF available online or contact LTC customer service through their official channels. The user manual PDF can be accessed via this link: [LTC SS-503 User Manual \(PDF\)](#).



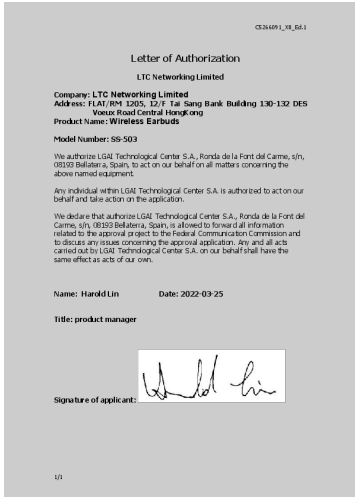
[pdf] User Manual

SS503 v1 LTC SS 503 TWS Wireless Earbuds Bluetooth 5.1 in Ear Earphones with Charging Case IPX4 Waterproof Built Mic RGB Stereo Headphones for Sport Gaming Black User Manual B0BGRDGM4L B09KRT2WLS B09YGZFDLJ B1qidsj0R1L m media amazon images I |||

S-S 503 True Wireless Stereo Gaming EarBuds 01 Package Content **SS-503** TWS Gaming Earbuds Ear Bud Cups L S Type-C Charging Cable S-S 503 True Wireless Stereo Gaming EarBuds User Manual 02 How To Charging 1Using Type-C Cable

Recommand in 5V 500mA power source 2. Using Wireless Charge Reco...

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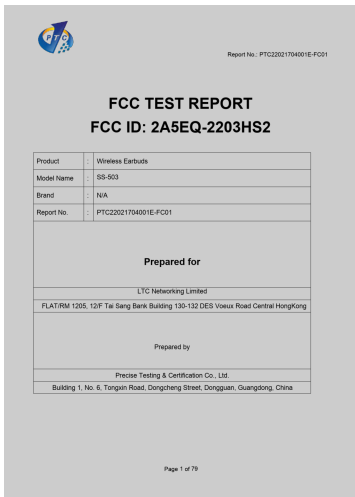


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Adria Galin Pons Letter Authorization LTC Networking Limited 2203HS2 2A5EQ 2A5EQ2203HS2 2203hs2

C5266091_X8_Ed.1 Letter of Authorization LTC Networking Limited Company: LTC Networking Limited Address: FLAT/RM 1205, 12/F Tai Sang Bank Building 130-132 DES Voeux Road Central HongKong Product Name: Wireless Earbuds Model Number: **SS-503** We authorize LGAI Technological Center S.A., Ronda de la Font...

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[pdf] Test Report

Administrator Test reports LTC Networking Limited 2203HS2 2A5EQ 2A5EQ2203HS2 2203hs2

Report No.: PTC22021704001E-FC01 FCC TEST REPORT FCC ID: 2A5EQ-2203HS2 Product Model Name Brand Report No. : Wireless Earbuds : **SS-503** : N/A : PTC22021704001E-FC01 Prepared for LTC Networking Limited FLAT/RM 1205, 12/F Tai Sang Bank Building 130-132 DES Voeux Road Central HongKong Prepared by Pr...

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 RF EXPOSURE EVALUATION	
Product Name	Wireless Earbuds
Model Name	SS-503
Additional model	N/A
Specification	BT 5.0 BDR-EDR
Operation Frequency	2402-2480MHz
Number of Channel	79 channels for BDR-EDR
Type of Modulation	GFSK, 1/4-DQPSK,8DPSK For DSS
Antenna Installation	PCB antenna
Antenna Gain	2.67 dBi
Rated Power Supply	DC 5V via Adapter or DC 3.7V via Battery
Test Power Supply	AC 120V/60Hz or DC 3.7V
Hardware Version	N/A
Software Version	N/A
<p>Standard Requirement</p> <p>According to § 15.247(f) and § 1.1307(h)(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy levels in excess of the Commission's guidelines. See FCC 47408.001 General RF Exposure Guidance v06, section 4.3.1.</p> <p>The 1-g and 10-g SAR test exclusion thresholds for 100MHz to 6GHz at test separation distances ≤ 50mm are determined by:</p> <ul style="list-style-type: none">• (max. power of channel, including back-off tolerance, mW)/(min. test separation distance, mm²) ≤ 3.5 for 1-g SAR and ≤ 7.5 for 10-g SAR, where• 100MHz is the RF channel transmit frequency in GHz.• Power and distance are rounded to the nearest mW and mm before calculation.• The result is rounded to one decimal place for comparison. <p>The test exclusions are applicable only when the minimum test separation distance is ≤ 50mm and for transmission frequencies between 100MHz and 6GHz. When the minimum test separation distance is >50mm, a distance of 50mm is applied to determine SAR test exclusion.</p> <p>1 / 2</p>	



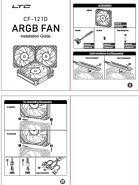

[\[pdf\]](#) Specifications SAR Rating

RF EXPOSURE EVALUATION zhaowen Exposure LTC Networking Limited 2203HS2 2A5EQ 2A5EQ2203HS2 2203hs2

RF EXPOSURE EVALUATION Product Name Model Name Additional model
Specification : Wireless Earbuds : **SS-503** : N/A : BT 5.0 BDR EDR Operation
Frequency : 2402-2480MHz Number of Channel : 79 channels for BDR EDR Type of
Modulation : GFSK, /4-DQPSK,8DPSK For DSS Antenna installation : PCB antenna

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lang:en score:9 filesize: 131.22 K page_count: 2 document date: 2022-03-30

Related Documents

	<p>LTC NB831 Keyboard User Manual</p> <p>User manual for the LTC NB831 Wireless 75% Triple Mode Mechanical Keyboard, covering Bluetooth, 2.4GHz, and wired connections, basic controls, multimedia functions for Windows and Mac, and battery status.</p>
	<p>LTC Neon75 Mechanical Keyboard User Manual - Wireless 75% Triple Mode</p> <p>Comprehensive user manual for the LTC Neon75 Wireless 75% Triple Mode Mechanical Keyboard. Learn how to connect via Bluetooth 5.0, 2.4G, or USB-C, control RGB lighting, use multimedia functions for Windows and Mac, and check battery status. Features hot-swappable switches and a compact 84-key layout.</p>
	<p>LTC CF-121D ARGB FAN Installation Guide - PC Cooling</p> <p>This installation guide provides step-by-step instructions for the LTC CF-121D ARGB FAN. It details the included accessories, how to install and disassemble the fan, and how to connect the ARGB and PWM cables for optimal PC cooling and lighting effects.</p>
	<p>LTC MKM-051 Gaming Mouse Quick Guide and Product Information</p> <p>Official quick guide for the LTC MKM-051 MMO Gaming Mouse. Provides details on button functions, warranty information, driver download instructions, and product dimensions. Features 10 programmable buttons and adjustable DPI.</p>