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› **Wireless Earbuds, 2024 Bluetooth 5.4 Earbuds Hi-Fi Stereo, 3g Mini Ear Buds with 4 ENC Mic, Bluetooth Headphones in Ear, 30H USB-C LED Charging Case, IP7 Waterproof Wireless Earphones for Android iOS**

Rinsmola MD053

Rinsmola MD053 Wireless Earbuds User Manual

Model: MD053 | Brand: Rinsmola

1. INTRODUCTION

Thank you for choosing the Rinsmola MD053 Wireless Earbuds. These earbuds feature advanced Bluetooth 5.4 technology, delivering Hi-Fi stereo sound, clear calls with 4 ENC microphones, and a comfortable, ultra-lightweight design. This manual provides essential information for setting up, operating, and maintaining your earbuds to ensure optimal performance and longevity.

2. WHAT'S IN THE BOX

Please check the package contents upon unboxing:

- Rinsmola Wireless Earbuds (L/R) x 1 pair
- 350mAh Charging Case x 1
- USB-C Charging Cable x 1
- User's Manual x 1



Image: The package contents of the Rinsmola MD053 Wireless Earbuds, showing the earbuds, charging case, USB-C cable, and

user manual laid out.

3. PRODUCT OVERVIEW

The Rinsmola MD053 earbuds are designed for comfort and high-quality audio. Each earbud weighs only 3g and features a 14.2mm dynamic driver for rich sound. The charging case includes an LED digital display to show battery levels.



Image: The Rinsmola MD053 Wireless Earbuds housed in their charging case, with a clear LED display indicating battery levels for both the case and individual earbuds.

Key Features:

- **Bluetooth 5.4:** Faster, more stable connection with low latency (60-70ms).
- **Hi-Fi Stereo Sound:** 14.2mm dynamic drivers for transparent highs and immersive bass.
- **Clear Calls:** 4 ENC (Environmental Noise Cancellation) microphones for clear conversations.
- **Ultra-Lightweight & Ergonomic:** Each earbud weighs 3g, designed for a comfortable fit.
- **IP7 Waterproof:** Protects against sweat and splashes, suitable for workouts and light rain.
- **Long Playtime:** Up to 30 hours with the charging case (5-6 hours per single charge).
- **Smart Touch Control:** Manage music, calls, and voice assistant with simple touches.



Image: An internal view highlighting the 14.2mm dynamic driver and the ENC noise cancellation microphone, demonstrating the audio technology.

4. SETUP

4.1 Charging the Earbuds and Case

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

1. Place the earbuds into the charging case.
2. Connect the USB-C charging cable to the charging port on the case and to a USB power source.
3. The LED digital display on the case will show the charging status. A full charge takes approximately 1 hour for the earbuds and 1.5 hours for the case.

30 Hours of Battery Life & Type-C Fast Charging



Image: The Rinsmola MD053 charging case being charged via a USB-C cable, with visual indicators for 6 hours of earbud playtime, 24 hours additional with the case, and 1 hour charging time.

Dual Digital Power Display with 30Hrs Playtime

 **5-6 Hrs**
Single Playtime

 **30 Hrs**
With Charging Case

 **Type-C**
Charging Port

 100
Power Display of
Charging Case

 Battery Status of
the Earbud



Image: A graphic demonstrating the dual digital power display on the charging case, showing individual earbud battery status and the case's remaining charge, along with playtime details.

4.2 Pairing with Your Device

The earbuds support automatic pairing after the initial setup.

1. **First-time Pairing:** Open the charging case and remove both earbuds. They will automatically enter pairing mode.
2. On your device (smartphone, tablet, laptop), go to Bluetooth settings and turn on Bluetooth.
3. Search for available devices and select "MD053" from the list.
4. Once connected, you will hear a confirmation tone, and the earbuds will be ready for use.
5. **Subsequent Use:** After the first pairing, simply remove the earbuds from the charging case, and they will automatically connect to the last paired device.



Image: A visual guide demonstrating the one-step pairing process, showing the earbuds in the case and a smartphone screen with 'MD053' selected in the Bluetooth device list.



Image: An illustration highlighting the advanced Bluetooth 5.4 chip, emphasizing its benefits such as stable connection, low power consumption, low latency, and extended transmission range.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

- **Power On:** Remove the earbuds from the charging case. They will power on automatically.
- **Power Off:** Place the earbuds back into the charging case. They will power off automatically and begin charging.

5.2 Wearing the Earbuds

For optimal sound quality and comfort, ensure the earbuds are correctly positioned in your ears.

1. Identify the 'L' (left) and 'R' (right) markings on each earbud.
2. Gently insert the earbud into your ear canal.
3. Rotate and adjust the earbud until it fits securely and comfortably, with the stem pointing downwards.

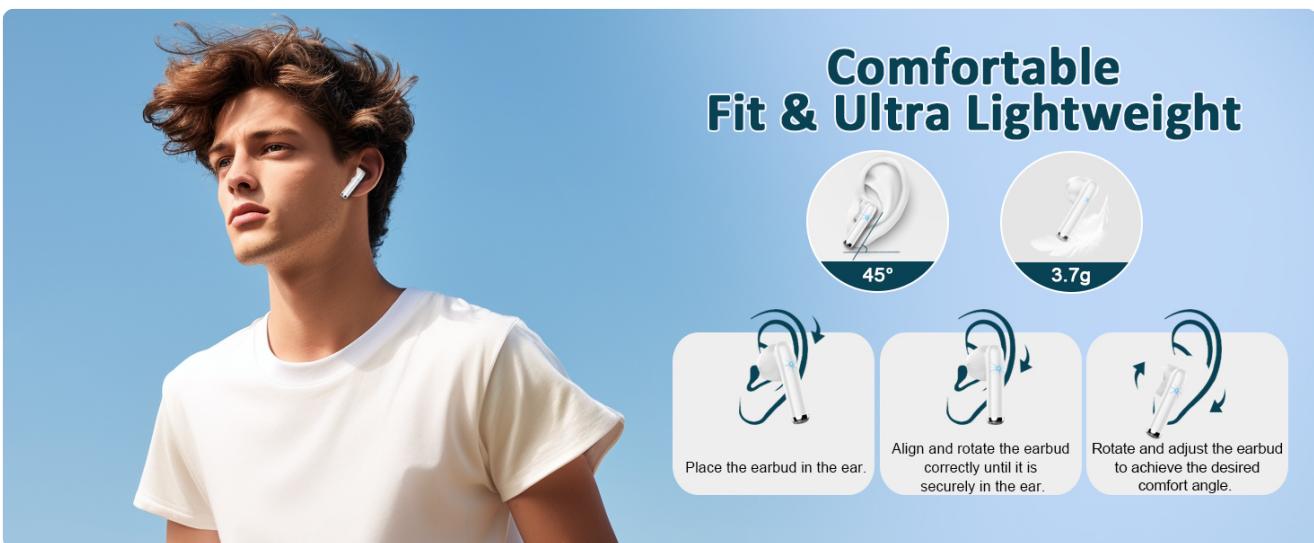


Image: A step-by-step guide on how to correctly place, align, and rotate the earbuds for a comfortable and secure fit, highlighting their lightweight design.

5.3 Smart Touch Controls

The earbuds feature sensitive touch controls on the outer surface of each earbud.

Action	Left Earbud (L)	Right Earbud (R)
Play/Pause	Tap x2	Tap x2
Next Track		Tap and Hold 2S
Previous Track	Tap and Hold 2S	
Volume Up		Tap x1
Volume Down	Tap x1	
Answer/End Call	Tap x2	Tap x2
Reject Call	Tap and Hold 2S	Tap and Hold 2S
Activate Voice Assistant (Siri/Google Assistant)	Tap x3	Tap x3



Image: A comprehensive guide to the smart touch controls, detailing actions like play/pause, volume adjustment, track skipping, call management, and voice assistant activation for both left and right earbuds.

5.4 Single/Twin Mode

The earbuds can be used individually (single mode) or together (twin mode).

- **Twin Mode:** Remove both earbuds from the charging case. They will automatically connect to each other and then to your device.
- **Single Mode:** Remove only one earbud from the charging case. It will automatically connect to your device. The other earbud can remain in the case or be used separately with another device if desired.

5.5 Making and Receiving Calls

The built-in ENC microphones ensure clear call quality.

- **Answer/End Call:** Tap either earbud twice.
- **Reject Call:** Tap and hold either earbud for 2 seconds.

Crystal Clear Call

Built-in MEMS microphones, accurately capture your voice in real-time, ensure the other party can hear you more clearly.

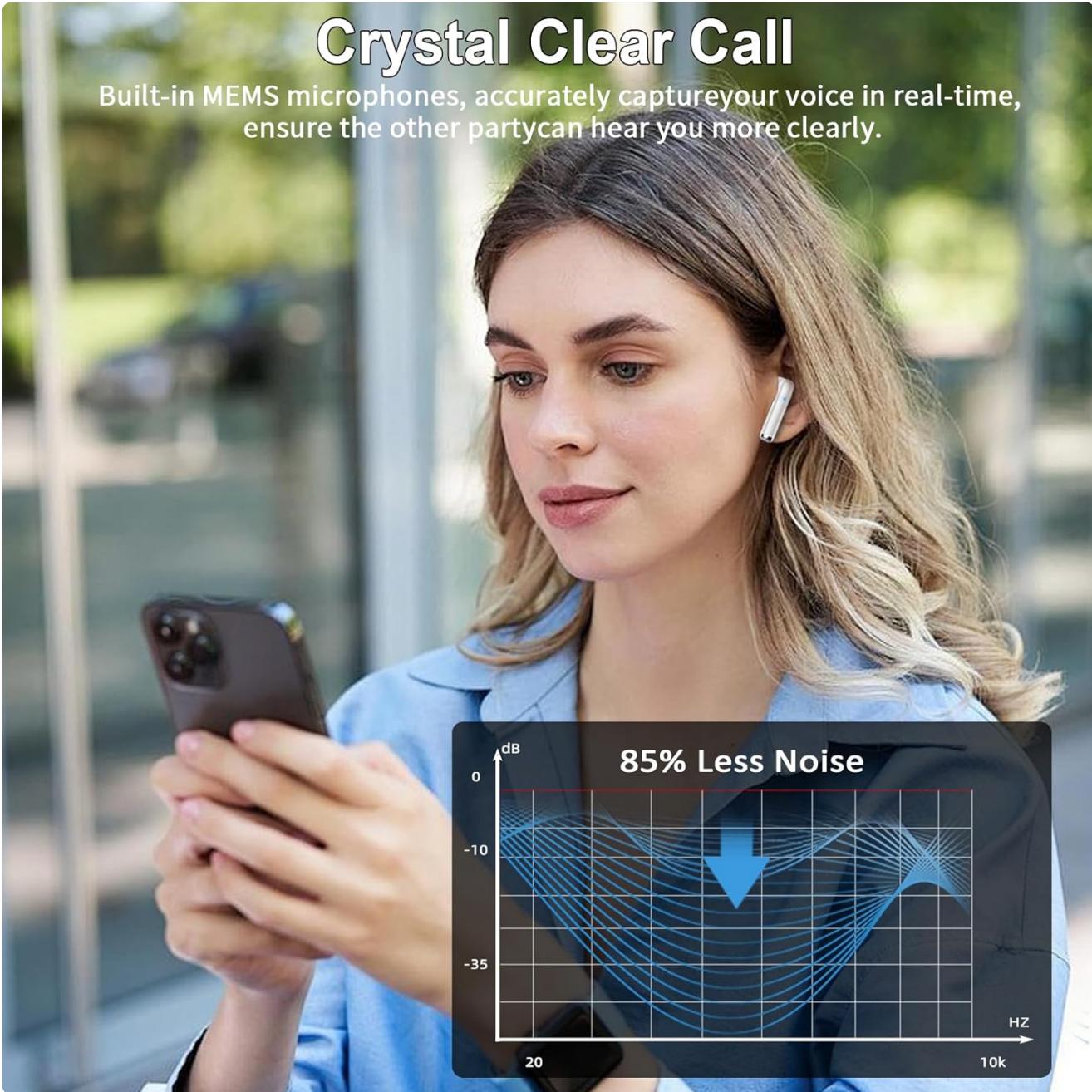


Image: A woman making a phone call using the Rinsmola MD053 earbuds, illustrating the crystal clear call feature with an accompanying graph showing 85% noise reduction.

6. MAINTENANCE

6.1 Cleaning

Regular cleaning helps maintain sound quality and hygiene.

- Use a soft, dry, lint-free cloth to wipe the earbuds and charging case.
- Do not use abrasive cleaners, solvents, or aerosol sprays.
- Gently remove any earwax or debris from the earbud mesh using a small, soft brush or cotton swab.

6.2 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.

6.3 Water Resistance (IP7)

The earbuds are IP7 waterproof, meaning they are protected against immersion in water up to 1 meter for 30 minutes. This makes them suitable for sweating during exercise or walking in light rain.

- Do not intentionally submerge the earbuds in water for extended periods.
- Ensure the earbuds are dry before placing them back into the charging case to prevent damage to the charging contacts.



Image: A visual representation of the earbuds' super lightweight design (3.7g) and IPX7 waterproof rating, suitable for active use.

7. TROUBLESHOOTING

If you encounter any issues, please refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Earbuds not pairing/connecting	Bluetooth off on device; earbuds not in pairing mode; previously paired device interfering.	Ensure Bluetooth is on. Place earbuds in case, then remove to re-enter pairing mode. Forget "MD053" on your device and re-pair.

Problem	Possible Cause	Solution
Only one earbud working	One earbud not charged; earbuds not connected to each other.	Ensure both earbuds are charged. Place both earbuds in the case, close it, then open and remove both simultaneously to force re-connection.
Low volume or poor sound quality	Earbuds not properly seated; earbud mesh blocked; device volume low.	Adjust earbuds for a secure fit. Clean earbud mesh. Increase volume on your device.
Charging issue	Charging cable faulty; charging port dirty; earbuds not correctly seated in case.	Try a different USB-C cable and power source. Clean charging contacts on earbuds and case. Ensure earbuds are firmly placed in the case.
Touch controls unresponsive	Earbuds frozen; dirty touch sensor.	Place earbuds back in the case for 10 seconds, then remove. Clean the touch sensor area.

If the issue persists, please contact Rinsmola customer support.

8. SPECIFICATIONS

Feature	Detail
Model Name	MD053
Bluetooth Version	5.4
Bluetooth Range	15 Meters
Audio Driver Size	14.2 Millimeters
Frequency Range	20 Hz - 20,000 Hz
Sensitivity	108 dB
Impedance	32 Ohm
Audio Latency	31 Milliseconds
Battery Life (Earbuds)	5-6 Hours (single charge)
Total Playtime (with case)	30 Hours
Charging Case Capacity	350 Milliamp Hours
Charging Time (Earbuds)	1 Hour
Charging Time (Case)	1.5 Hours
Charging Port	USB-C
Water Resistance	IP7 Waterproof

Feature	Detail
Earbud Weight	3 Grams (each)
Case Weight	35 Grams
Compatible Devices	iOS Phones, Android Phones (Samsung, Huawei, Xiaomi, etc.), tablets, computers. iOS 9.0 / Android 5.0 or above.

9. WARRANTY AND SUPPORT

Rinsmola products come with a 2-year warranty. For any product-related inquiries, technical support, or warranty claims, please contact Rinsmola customer service through the retailer where you purchased the product or visit the official Rinsmola website.

- **Returns & Refunds:** 30-day policy.
- **Warranty:** 2-year limited warranty.



Image: A graphic detailing Rinsmola's commitment to quality service, including customer focus, 30-day returns and refunds, a 2-year warranty, and quick delivery.

Related Documents - MD053

	Hero Band III Color Screen Fitness Tracker User Manual - Rinsmola User manual for the Rinsmola Hero Band III Color Screen Fitness Tracker. Learn about its appearance, functions, app installation, operation, troubleshooting, and important attention points for optimal use.
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