

Matast C16

Matast C16 Wireless Earbuds User Manual

Model: C16

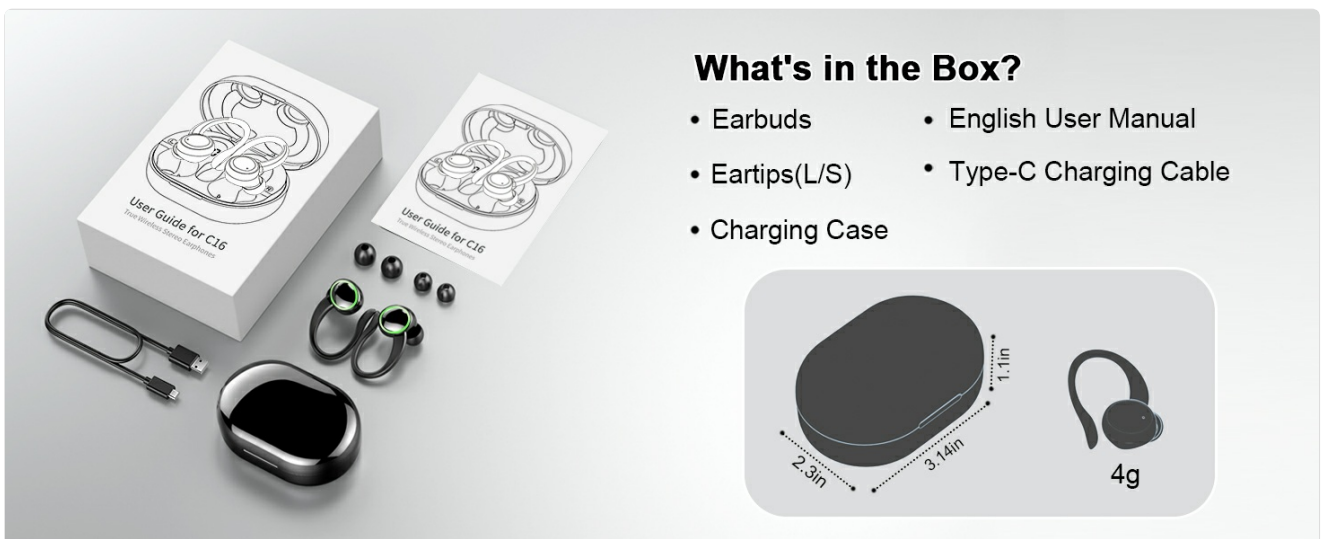
1. INTRODUCTION

Thank you for choosing the Matast C16 Wireless Earbuds. These earbuds are designed to provide a high-quality audio experience with advanced features such as Bluetooth 5.4 connectivity, Environmental Noise Cancellation (ENC) for clear calls, deep bass, and an IP7 waterproof rating, making them ideal for sports and daily use. This manual will guide you through the setup, operation, and maintenance of your new earbuds.

Package Contents

Please check the package to ensure all items are present:

- Wireless Earbuds (Left and Right)
- Super Portable Charging Case with LED Power Display
- USB-C Fast Charging Cable
- User Manual
- Ear Tips (S, M, L sizes)



What's in the Box?

- Earbuds
- English User Manual
- Eartips(L/S)
- Type-C Charging Cable
- Charging Case

cable, a user manual, and various sizes of ear tips.

2. SAFETY INFORMATION

Please read these safety instructions carefully before using your earbuds to prevent damage or injury.

- Do not disassemble or modify the earbuds or charging case.
- Keep away from extreme temperatures (hot or cold) and high humidity.
- Avoid dropping or subjecting the device to strong impacts.
- Do not expose to fire or dispose of in fire.
- Clean only with a dry, soft cloth. Avoid harsh chemicals.
- Prolonged exposure to loud volume may cause hearing damage. Adjust volume to a safe level.
- Keep out of reach of children and pets.

3. PRODUCT OVERVIEW

Familiarize yourself with the components of your Matast C16 Wireless Earbuds.



Image: The Matast C16 Wireless Earbuds shown with their charging case. The case features an LED digital display indicating battery percentage. The earbuds have ear hooks for a secure fit and touch control areas.

Key Features

- **Bluetooth 5.4:** Ensures stable connection and low latency.
- **Hi-Fi Sound Quality:** 14.2mm graphene drivers for clear audio and deep bass.
- **ENC Noise Cancelling Mic:** Four high-definition microphones for clear calls.
- **IP7 Waterproof:** Resistant to sweat, rain, and accidental water exposure.
- **Ergonomic Earhooks:** Flexible design for secure and comfortable fit during activities.
- **Smart Touch Control:** Intuitive controls for music, calls, and voice assistant.
- **Digital LED Display:** Battery percentage display on the charging case.

4. SETUP

4.1 Initial Charging

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

1. Place both earbuds into the charging case.
2. Connect the USB-C charging cable to the charging port on the case and the other end to a USB power adapter (not included).
3. The LED digital display on the charging case will show the battery percentage, flashing during charging and remaining solid when fully charged.
4. A full charge takes approximately 1.5 hours for the case. The earbuds provide 8 hours of playback per charge, and the case can recharge them six times for a total of 60 hours of playtime.

LONG BATTERY LIFE

1.5hrs
Case charging Time

8hrs
Earbuds Playtime

50hrs
with Charging Case



Model No. C16
FCC ID: 2AYEL-C55
MADE IN CHINA

Please clean both charging contacts of the earbud and charging case before use to avoid charging failed.

RoHS
CE

Charge Case Power

Left and Right Earbud Power

USB-C Charging Port

Image: The Matast C16 charging case with earbuds inside, illustrating the digital battery display and the USB-C charging port. The image highlights the 1.5 hours case charging time, 8 hours earbud playtime, and 50 hours total playtime with the case.

4.2 Pairing with Your Device

The earbuds feature one-step pairing for convenience.

1. Ensure the earbuds are charged and placed inside the charging case.
2. Open the lid of the charging case. The earbuds will automatically power on and enter pairing mode.
3. On your device (smartphone, tablet, computer), enable Bluetooth and search for available devices.
4. Select "C16" from the list of found devices to connect.
5. Once connected, you will hear a confirmation tone, and the earbuds will be ready for use.
6. For subsequent uses, the earbuds will automatically reconnect to the last paired device when the case lid is opened.

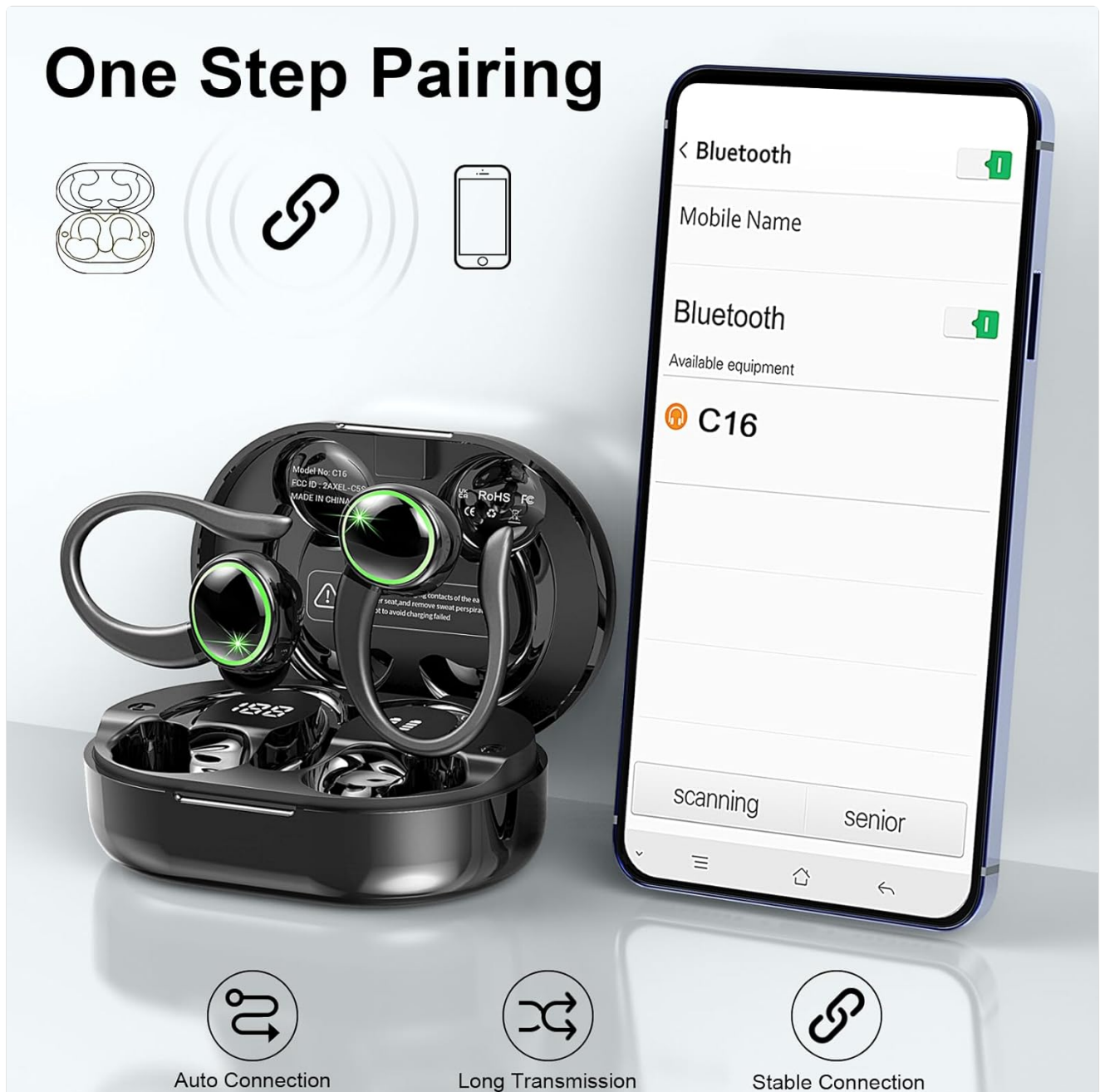


Image: A visual representation of the one-step pairing process for the Matast C16 Earbuds. The image shows the earbuds in their open charging case and a smartphone screen displaying "C16" as an available Bluetooth device, indicating successful pairing.

4.3 Wearing the Earbuds

For optimal sound and comfort, choose the correct ear tip size and adjust the earhooks.

1. Select the ear tips (S, M, L) that provide the best seal and comfort for your ears.

2. Place the earhook over your ear.
3. Insert the earbud gently into your ear canal.
4. Rotate the earbud slightly to ensure a snug and comfortable fit.

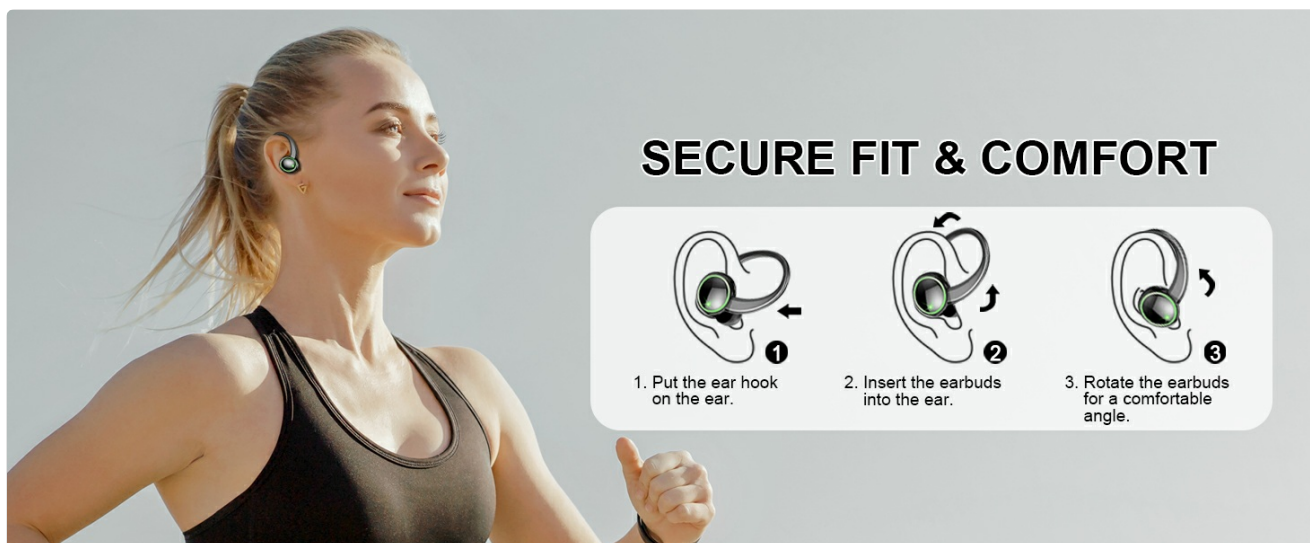


Image: A three-step diagram illustrating the correct way to wear the Matast C16 earbuds. Step 1 shows placing the ear hook on the ear, Step 2 shows inserting the earbud into the ear, and Step 3 shows rotating the earbud for a comfortable angle.

5. OPERATING INSTRUCTIONS

The Matast C16 earbuds feature intuitive touch controls on each earbud.

5.1 Touch Control Functions

Smart Touch Control

Easy touch, easy use

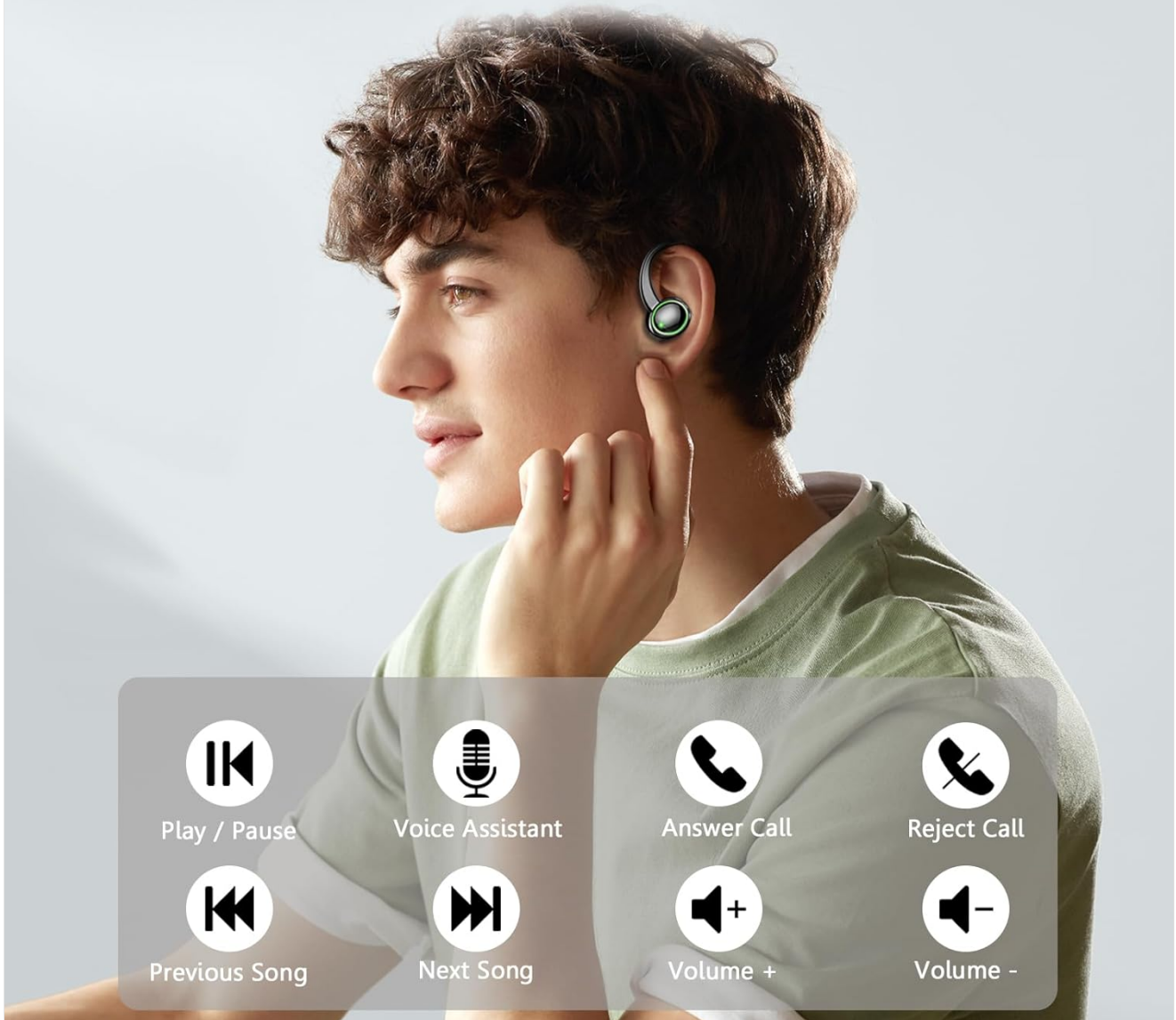


Image: A detailed guide to the smart touch controls on the Matast C16 Earbuds. It shows icons and descriptions for Play/Pause, Switch Song (Previous/Next), Volume Up/Down, Answer Call, Reject/Hang Up Call, and Activate Voice Assistant.

Touch Control Operations

Function	Action (Left/Right Earbud)
Play/Pause	Tap 2 times (L/R)
Previous Song	Tap 2 times (Left)
Next Song	Tap 2 times (Right)
Volume Up	Tap 1 time (Right)
Volume Down	Tap 1 time (Left)
Answer Call	Tap 1 time (L/R)
Reject/Hang Up Call	Press and hold for 2 seconds (L/R)

Function	Action (Left/Right Earbud)
Activate Voice Assistant	Tap 3 times (L/R)

5.2 Single & Dual Mode

The earbuds support both single and dual-earbud usage.

- **Dual Mode:** Use both earbuds for immersive stereo sound. This is the default mode after pairing.
- **Mono Mode:** You can use either the left or right earbud independently. Simply take one earbud out of the case, and it will connect to your device. The other earbud can remain in the case or be used by another person.



Image: An illustration of the single and dual mode functionality of the Matast C16 earbuds, showing two individuals sharing the earbuds, with one person using a single earbud.

6. MAINTENANCE

Proper maintenance ensures the longevity and performance of your earbuds.

- **Cleaning:** Regularly clean the earbuds, ear tips, and charging contacts with a dry, soft, lint-free cloth. Do not use liquids or abrasive cleaners.
- **Water Resistance:** The earbuds are IP7 waterproof, meaning they are resistant to sweat and rain. However, they are not designed for swimming or submersion. Ensure they are dry before placing them back in the charging case.
- **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 direct sunlight.
- **Battery Care:** To preserve battery life, avoid fully discharging the earbuds and charging case frequently. Charge them regularly, even if not in constant use.

IP7 WATERPROOF & SWEATPROOF

Superior protection in rain/sweating/exercise/workouts



Image: The Matast C16 Earbuds are shown on a wet surface, illustrating their IP7 waterproof and sweatproof capabilities, suitable for use during rain, exercise, workouts, and sweating.

7. TROUBLESHOOTING

If you encounter issues with your earbuds, try the following solutions:

Common Issues and Solutions

Problem	Possible Solution
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Problem	Possible Solution
Earbuds not charging	<ul style="list-style-type: none"> ◦ Ensure the charging cable is securely connected to both the case and power source. ◦ Check if the charging contacts on the earbuds and inside the case are clean and free of debris. ◦ Try a different USB-C cable or power adapter.
Earbuds not pairing/connecting	<ul style="list-style-type: none"> ◦ Ensure Bluetooth is enabled on your device. ◦ Make sure the earbuds are fully charged and the case lid is open. ◦ Forget "C16" from your device's Bluetooth list and try pairing again. ◦ Move the earbuds closer to your device (within 15 meters). ◦ Restart your device.
Only one earbud working	<ul style="list-style-type: none"> ◦ Place both earbuds back into the charging case, close the lid, wait a few seconds, then open it again. ◦ Ensure both earbuds are charged. ◦ Try re-pairing the earbuds with your device.
Low volume or poor sound quality	<ul style="list-style-type: none"> ◦ Adjust the volume on both your device and the earbuds. ◦ Ensure the ear tips provide a good seal in your ear canal. Try different sizes. ◦ Clean any earwax or debris from the earbud mesh. ◦ Ensure there are no obstructions between the earbuds and your device.
Earbuds frequently disconnect	<ul style="list-style-type: none"> ◦ Ensure your device is within the Bluetooth range (15 meters). ◦ Avoid strong electromagnetic interference. ◦ Ensure the earbuds are fully charged.

8. SPECIFICATIONS

Technical specifications for the Matast C16 Wireless Earbuds.

Feature	Detail
Model Name	C16
Bluetooth Version	5.4
Bluetooth Range	Up to 15 meters (50 feet)
Audio Driver Size	14.2mm (Graphene Drivers)

Feature	Detail
Earbud Playtime	Up to 8 hours per charge
Total Playtime (with case)	Up to 60 hours
Charging Case Battery Life	50 Hours (average)
Case Charging Time	Approx. 1.5 hours (USB-C)
Water Resistance Rating	IP7
Microphones	4 (with ENC Noise Cancelling)
Control Type	Touch Control
Compatible Devices	Smartphones, TVs, Computers, Laptops
Material	Plastic
Item Weight	0.035 ounces (earbuds)
Product Dimensions	1.18 x 0.39 x 1.97 inches

9. WARRANTY AND SUPPORT

Matast provides a warranty for its products. Please refer to the warranty card included in your package for specific terms and conditions. For technical support, product inquiries, or warranty claims, please contact Matast customer service through the retailer where you purchased the product or visit the official Matast website.

Manufacturer: Matast

Date First Available: June 10, 2025

For more information, you may visit the [Matast Store on Amazon](#).