

[Manuals.plus](#) /

› [PTHTECHUS](#) /

› PTHTECHUS Wireless Open-Ear Clip Headphones User Manual

PTHTECHUS M91

PTHTECHUS Wireless Open-Ear Clip Headphones User Manual

Model: M91

INTRODUCTION

Thank you for choosing the PTHTECHUS M91 Wireless Open-Ear Clip Headphones. These innovative headphones are designed to provide a comfortable and safe listening experience with their unique open-ear clip design, allowing you to stay aware of your surroundings while enjoying high-quality audio. Featuring advanced Bluetooth 5.4 connectivity, directional sound transmission, and long-lasting battery life, the M91 is perfect for various activities, from daily commutes to sports and business calls.



Image: The PTHTECHUS M91 headphones, black, resting in their sleek, grey charging case. The case is open, revealing both earbuds.

PRODUCT FEATURES

- **Open-Ear Clip Design:** Secure and comfortable fit that doesn't block your ear canal, ensuring awareness of ambient sounds and preventing ear fatigue.
- **Directional Sound Transmission:** Advanced technology that focuses sound waves towards your ear, significantly reducing sound leakage by up to 89% and enhancing privacy.
- **Crystal Clear Calls (ENC):** Equipped with Environmental Noise Cancellation (ENC) for clear voice transmission during calls, even in noisy environments.
- **Bluetooth 5.4 Connectivity:** Provides stable, interference-free transmission with a range of up to 10 meters. Supports automatic connection to previously paired devices.
- **Extended Battery Life:** Enjoy up to 30 hours of playback on a single charge (with charging case) and an impressive standby time of up to 90 days.

- **Intelligent Touch Control:** Easy management of music playback, calls, and voice assistant with intuitive touch gestures.
- **Lightweight and Durable:** Weighing only 2 grams per earbud, made from plastic, silicone, and nickel-titanium for comfort and resilience. Water-resistant with IPX5 rating.

Enhance sound Immersive sound quality

57%

Bass boost

80%

Overall effect
improvement



Image: An exploded view diagram of the earbud, highlighting internal components responsible for sound enhancement and immersive quality, with text indicating "Bass boost 57%" and "Overall effect improvement 80%".



Directional transmission Protecting privacy



Automatically adjust the propagation angle of the integrated sound beam+25°

Image: A diagram showing an ear with the earbud in place, illustrating how sound waves are directed into the ear canal to protect privacy, labeled "Directional transmission Protecting privacy".

SETUP

1. Initial Charge

Before first use, fully charge your PTHTECHUS M91 headphones and their charging case. Connect the charging case to a USB power source using the provided USB-C cable. The indicator light on the case will show charging status and turn off or change color when fully charged. A full charge takes approximately 1 hour.

2. Pairing with Your Device

1. Ensure the headphones are in the charging case and the case has power.
2. Open the charging case. The headphones will automatically enter pairing mode.
3. On your mobile phone, laptop, or tablet, go to the Bluetooth settings.
4. Search for new devices and select "PTHTECHUS M91" from the list of available devices.

5. Once connected, you will hear a confirmation tone, and the headphones will be ready for use.

The headphones will automatically reconnect to the last paired device when taken out of the case, provided Bluetooth is enabled on your device.

Intelligent connection

Compatible devices

Fully compatible, able to adapt to various devices

Mobile phones/tablets/laptops, etc

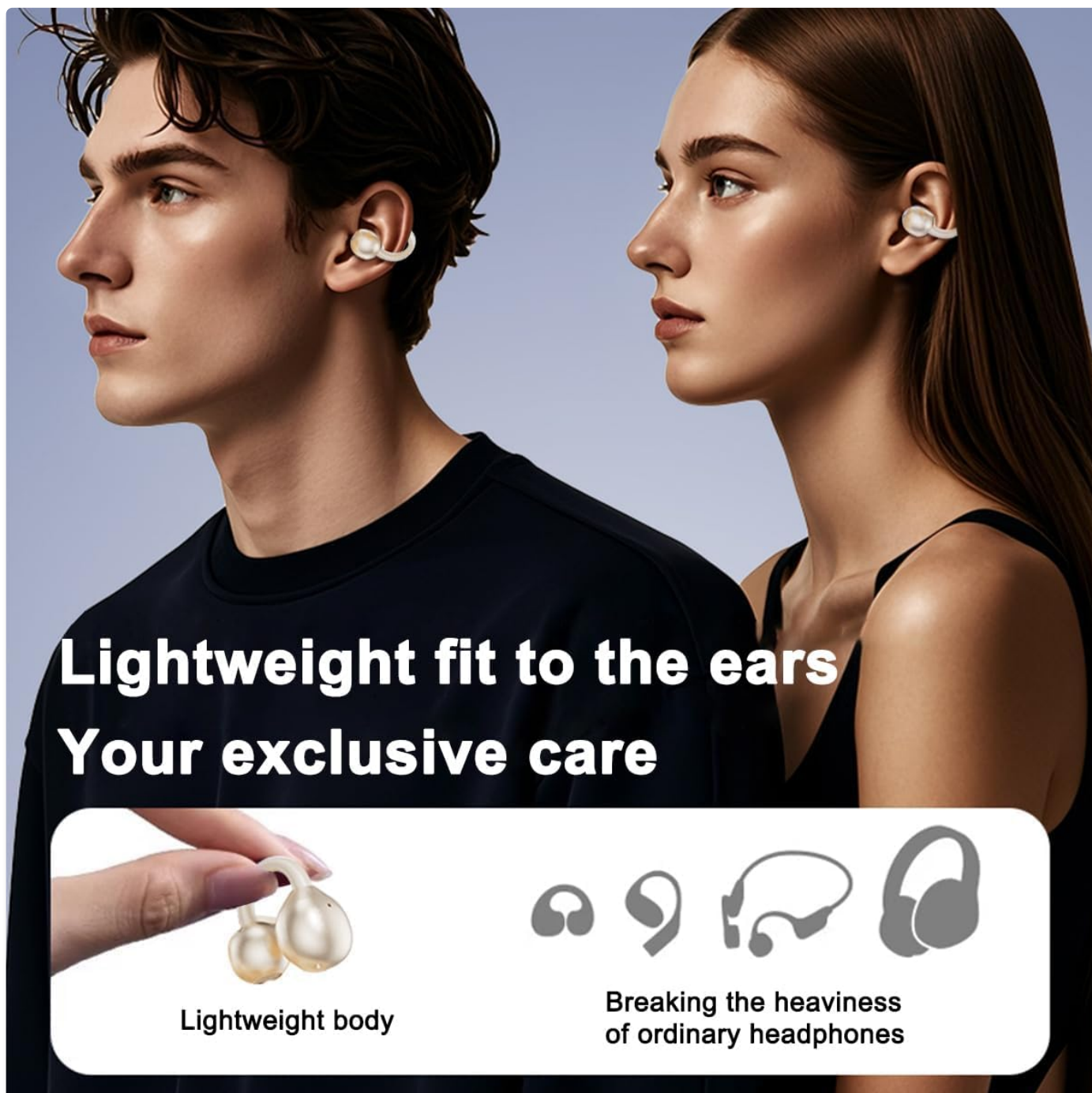


Image: The PTHTECHUS M91 headphones and their charging case, with icons representing mobile phones, laptops, and tablets, illustrating intelligent connection and compatibility with various devices.

OPERATING INSTRUCTIONS

Wearing the Headphones

Gently clip the headphones onto your ear, ensuring the sound outlet is positioned correctly for optimal audio transmission. The open-ear design allows for a comfortable and secure fit without inserting into the ear canal.



Lightweight fit to the ears
Your exclusive care

Lightweight body

Breaking the heaviness of ordinary headphones

The image features a man and a woman in profile, both wearing the PTHTECHUS M91 headphones. The man is on the left, wearing a dark blue t-shirt, and the woman is on the right, wearing a black top. They are both looking towards the left. The background is a solid light blue. Below the main image is a white rounded rectangle containing a comparison diagram. On the left, a hand holds two small, pearl-like earbuds, labeled 'Lightweight body'. On the right, four icons of different headphone types are shown in a row, labeled 'Breaking the heaviness of ordinary headphones'. The icons from left to right are: a small earbud, a slightly larger earbud, a large over-ear headphone, and a very large over-ear headphone.

Image: A person wearing the PTHTECHUS M91 headphones, demonstrating their lightweight and comfortable fit, with text "Lightweight fit to the ears Your exclusive care".

Touch Controls

The PTHTECHUS M91 headphones feature intuitive touch controls on each earbud. Refer to the diagram below for specific functions:

Tocco intelligente



Image: A detailed diagram illustrating the touch control functions on the earbuds. It shows icons and descriptions for actions like playing/pausing music, skipping tracks, adjusting volume, answering/ending calls, and activating the voice assistant.

- **Play/Pause:** Double-click either earbud.
- **Next Song:** Long press the right earbud.
- **Previous Song:** Long press the left earbud.
- **Volume Up/Down:** Long press either earbud.
- **Answer/Hang Up Call:** Double-click either earbud.
- **Reject Call:** Long press either earbud during an incoming call.
- **Activate Voice Assistant:** Triple-click either earbud.

MAINTENANCE

- **Cleaning:** Use a soft, dry, lint-free cloth to clean the earbuds and charging case. Do not use abrasive cleaners, alcohol, or chemical sprays.
- **Storage:** When not in use, store the headphones in their charging case to protect them from dust and damage. Store in a cool, dry place away from direct sunlight and extreme temperatures.
- **Water Resistance:** The headphones are IPX5 water-resistant, meaning they can withstand splashes and sweat. Do not submerge them in water or expose them to heavy rain. Dry them thoroughly before placing them back in the charging case if they get wet.
- **Battery Care:** To prolong battery life, avoid fully discharging the headphones frequently. Charge them regularly, even if not used for extended periods.

TROUBLESHOOTING

Problem	Possible Solution
Headphones do not turn on.	Ensure the charging case and headphones are fully charged. Place headphones in the case and close it, then open again.
Cannot pair with device.	Ensure Bluetooth is enabled on your device. Make sure the headphones are in pairing mode (open the case). Forget "PTHTECHUS M91" from your device's Bluetooth list and try pairing again. Move closer to your device (within 10 meters). Restart your device and the headphones.
No sound or low volume.	Adjust the volume on both your device and the headphones. Ensure the headphones are properly connected to your device. Check if the headphones are clean and free from obstructions.
Sound cutting in and out.	Move closer to your device to avoid interference. Avoid strong electromagnetic interference sources. Ensure the headphones are fully charged.
Touch controls not responding.	Ensure your fingers are clean and dry. Try restarting the headphones by placing them in the case and taking them out. Ensure the headphones are not wet.

SPECIFICATIONS

Feature	Detail
Model	M91
Brand	PTHTECHUS
Connectivity Technology	Wireless (Bluetooth 5.4)
Wireless Range	Up to 10 meters
Battery Life (Playback)	Up to 30 hours (with charging case)
Standby Time	Up to 90 days
Charging Time	Approx. 1 hour (for full charge)
Weight (per earbud)	2 grams
Water Resistance Level	IPX5 (Water-resistant)
Control Type	Touch Control
Compatible Devices	Mobile phones, Laptops, Tablets
Material	Plastic, Silicone, Nickel-titanium
Frequency Response	20 Hz - 20,000 Hz (20 KHz)

Feature	Detail
Special Features	Open Design, ENC (Environmental Noise Cancellation)

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your purchase or visit the official PTHTECHUS website. If you encounter any issues not covered in this manual, please contact PTHTECHUS customer service for assistance.

Contact Information: Please refer to the product packaging or the official PTHTECHUS brand store on Amazon for the most up-to-date support contact details.

Link to PTHTECHUS Store: [PTHTECHUS Official Store](#)

© 2025 PTHTECHUS. All rights reserved.

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

Anonymous

Email

you@example.com

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