

Lavales E500Pro

Lavales E500Pro Bluetooth 5.2 Hybrid Active Noise Cancelling Headphones User Manual

1. INTRODUCTION

Thank you for choosing the Lavales E500Pro Bluetooth 5.2 Hybrid Active Noise Cancelling Headphones. This manual provides comprehensive instructions to help you set up, operate, maintain, and troubleshoot your new headphones. Please read this manual carefully before use to ensure optimal performance and longevity of your device.

The Lavales E500Pro headphones are designed to deliver high-fidelity audio with advanced active noise cancellation, offering a superior listening experience for travel, work, and daily use. Key features include Bluetooth 5.2 connectivity, extended battery life, and both wireless and wired listening options.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- Lavales E500Pro ANC Headphone x1
- 3.5mm to USB-C Audio Cable x1
- USB-C Charging Cable x1
- Anti-dust Bag x1
- User Manual x1



Wired Connection

Simply plug in the included 3.5mm audio cable for seamless toggling.

Figure 2.1: Contents of the Lavales E500Pro package.

If any items are missing or damaged, please contact customer support.

3. PRODUCT OVERVIEW

Familiarize yourself with the physical components and controls of your Lavales E500Pro headphones:



Multi-point Connection

Get stable multi-points connections for convenient switch between your tablet, laptop, pc and smartphones

Figure 3.1: Control layout of the Lavales E500Pro headphones.

Control Functions:

- **Power On/Off / Pairing Button:**
 - Short Press: Pause/Play music, Answer/Hang Up calls.
 - Double Tap: Activate Voice Assistant.
 - Long Press: Power ON/OFF, initiate Bluetooth Pairing.
- **Volume + / Next Track Button:**
 - Short Press: Increase Volume.
 - Long Press: Skip to Next Song.
- **Volume - / Previous Track Button:**
 - Short Press: Decrease Volume.

- Long Press: Go to Previous Song.
- **Active Noise Cancellation (ANC) Button:** Press to toggle ANC mode.
- **Type-C Charging Port:** For charging the headphones.

4. SETUP

4.1. Charging the Headphones

Before first use, fully charge your headphones. Use the provided USB-C charging cable to connect the headphones to a compatible USB power source (e.g., computer USB port, wall adapter). The charging indicator light will show the charging status.

- A full charge typically takes 1.5 to 2 hours.
- A 5-minute quick charge provides approximately 5 hours of playtime.
- Ensure you use the original USB-C cable for optimal charging performance. Some higher wattage cables or plugs may not work correctly.

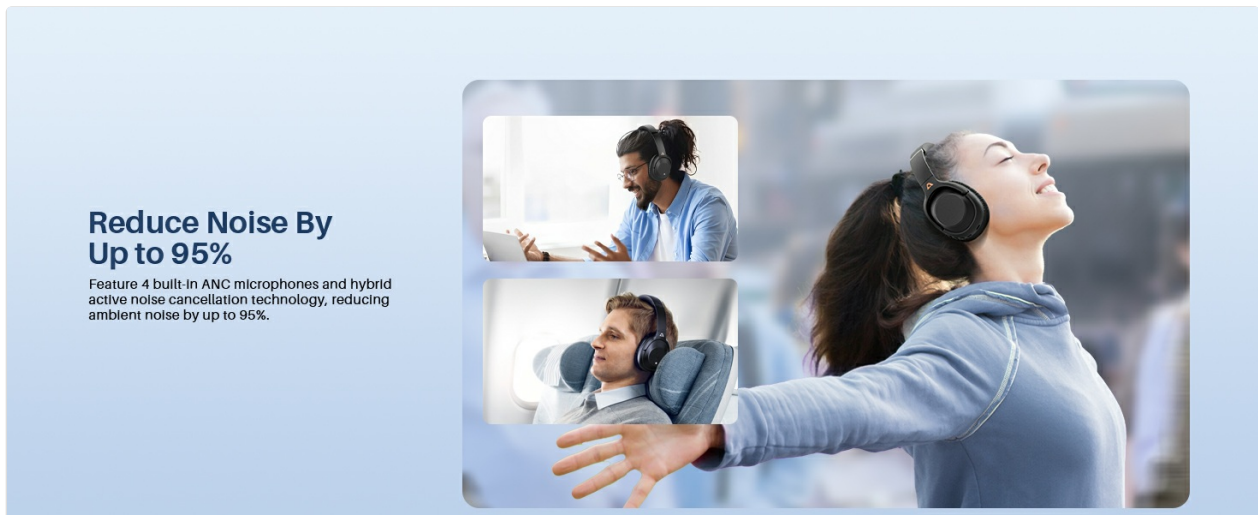


Figure 4.1: Lavales E500Pro headphones highlighting long battery life for travel.

4.2. Power On/Off

- **To Power On:** Press and hold the Power On/Off button for approximately 3 seconds until the indicator light illuminates.
- **To Power Off:** Press and hold the Power On/Off button for approximately 3 seconds until the indicator light turns off.

4.3. Bluetooth Pairing

To connect your headphones to a Bluetooth-enabled device:

1. Ensure the headphones are powered off.
2. Press and hold the Power On/Off button for approximately 5 seconds until the indicator light flashes blue and red, indicating pairing mode.
3. On your device (smartphone, tablet, laptop), enable Bluetooth and search for available devices.
4. Select "Lavales E500Pro" from the list of found devices.
5. Once connected, the indicator light will turn solid blue or flash blue slowly.

The headphones utilize Bluetooth 5.2 technology for a stable connection up to 50 feet (15 meters).

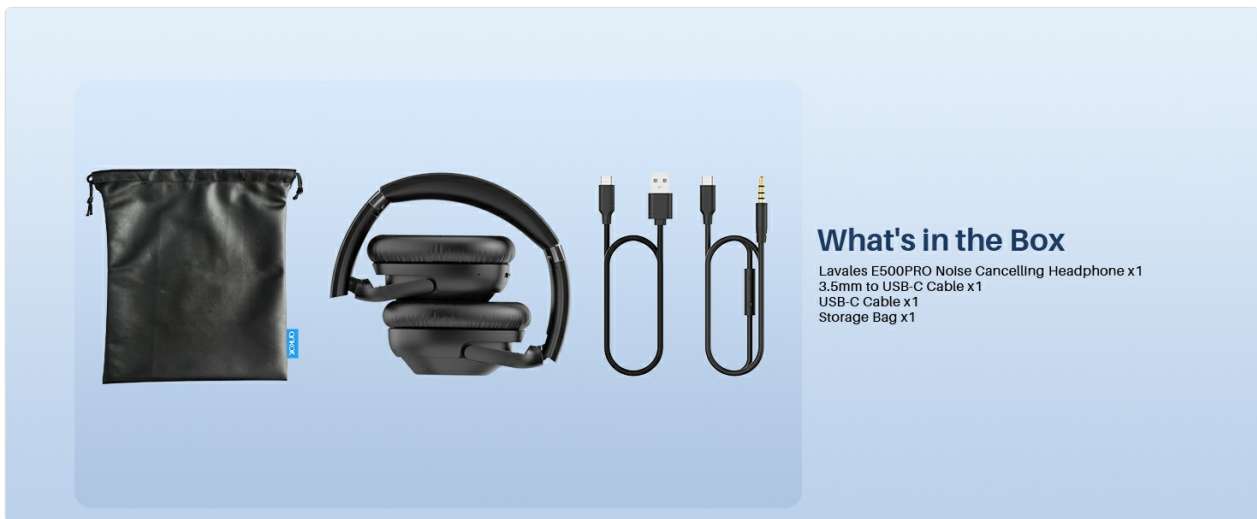


Figure 4.2: Bluetooth pairing process with a smartphone.

4.4. Wired Connection

The Lavales E500Pro headphones can also be used in wired mode, which is useful when battery is low or for devices without Bluetooth connectivity.

1. Connect one end of the provided 3.5mm to USB-C audio cable to the USB-C port on the headphones.
2. Connect the other end (3.5mm jack) to the audio output port of your device.
3. The headphones will automatically switch to wired mode.



Figure 4.3: Wired connection using the 3.5mm audio cable.

4.5. Multi-point Connection

The headphones support multi-point connection, allowing you to connect to two Bluetooth devices simultaneously (e.g., a smartphone and a laptop).

1. Pair the headphones with the first device as described in Section 4.3.
2. Disable Bluetooth on the first device. The headphones will re-enter pairing mode.
3. Pair the headphones with the second device.
4. Re-enable Bluetooth on the first device. The headphones should automatically connect to both devices.
5. Audio will play from the device that is actively transmitting sound.



ENC HD Call Clarity

With built-in 4 microphones, E500PRO will pinpoint and amplify your voice for sharp calls in any settings.

Figure 4.4: Multi-point connection to a tablet and a smartphone.

5. OPERATING INSTRUCTIONS

5.1. Active Noise Cancellation (ANC)

The Lavales E500Pro headphones feature hybrid active noise cancellation to reduce ambient noise.

- **To Activate/Deactivate ANC:** Press the dedicated ANC button on the headphone. An audible prompt or indicator light will confirm the status change.
- The ANC technology, with its four built-in microphones, effectively reduces a wide range of low-frequency and mid-frequency noises, such as those encountered during air travel or in busy office environments.



Figure 5.1: Active Noise Cancellation in various environments.

5.2. Call Functions

When connected to a smartphone, you can manage calls directly from your headphones:

- **Answer/End Call:** Short press the Power On/Off button.
- **Reject Call:** Long press the Power On/Off button.
- **Activate Voice Assistant:** Double tap the Power On/Off button.

The headphones feature Environmental Noise Cancellation (ENC) for clear call clarity, ensuring your voice is heard clearly in various settings.

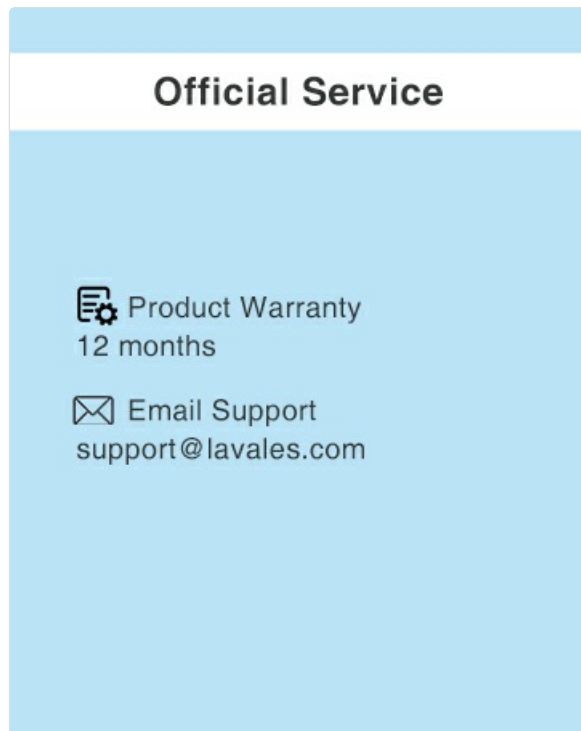


Figure 5.2: User enjoying clear call quality with Lavales E500Pro headphones.

5.3. Music Playback

Control your music playback using the buttons on the headphones:

- **Play/Pause:** Short press the Power On/Off button.
- **Volume Up:** Short press the Volume + button.
- **Volume Down:** Short press the Volume - button.
- **Next Track:** Long press the Volume + button.
- **Previous Track:** Long press the Volume - button.

The E500Pro headphones are equipped with 40mm dynamic drivers and a silk diaphragm, providing Hi-Resolution audio with powerful bass, clear mid-frequencies, and crisp high tones up to 40kHz for an immersive listening experience.

Noise Cancelling+ Transparency Mode

Environment Noise Cancelling Call

Foldable Design with Portable Bag

60H Playtime with ANC On
90H Playtime with ANC Off

Pressure-free Material

Large Dynamic Speaker
40mm

Cost Effective ANC Headphone for Long Travel

The E500 PRO ANC headphones offer a great noise cancelling experience with beautiful price. Featuring 900mAh battery, master tuning, powerful bass, soft mid-range and beautiful treble.

Figure 5.3: Internal structure of the 40mm dynamic speaker.

6. MAINTENANCE

Proper maintenance ensures the longevity and performance of your headphones:

- **Cleaning:** Use a soft, dry cloth to clean the headphones. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use, store the headphones in the provided anti-dust bag to protect them from dust and scratches. Avoid storing in extreme temperatures or high humidity.
- **Avoid Water:** The headphones are not waterproof. Avoid exposure to water or excessive moisture.
- **Cable Care:** Handle cables gently. Do not pull on the cables to disconnect them.

7. TROUBLESHOOTING

If you encounter issues with your Lavales E500Pro headphones, please refer to the following common solutions:

Problem	Possible Cause	Solution
Headphones do not power on.	Low battery.	Charge the headphones fully using the provided USB-C cable.
Cannot pair via Bluetooth.	Headphones not in pairing mode; Bluetooth disabled on device; interference.	Ensure headphones are in pairing mode (flashing blue/red light). Enable Bluetooth on your device. Move closer to the device and away from other wireless devices.
No sound or poor sound quality.	Volume too low; incorrect audio source; loose wired connection; Bluetooth range issue.	Adjust volume on headphones and device. Ensure correct audio output is selected. Reconnect the 3.5mm cable firmly. Move closer to the Bluetooth device.
ANC is not effective.	ANC not activated; type of noise not fully cancelled by ANC.	Press the ANC button to activate. Note that ANC is most effective against low-frequency, constant noises.
Headphones not charging.	Faulty cable or power source; incompatible charging adapter.	Ensure the USB-C cable is securely connected. Try a different USB power source. Use the original USB-C charging cable as some high-wattage chargers may not be compatible.

If the issue persists after trying these solutions, please contact Lavales customer support.

8. SPECIFICATIONS

Technical specifications for the Lavales E500Pro headphones:

Feature	Specification
Model Name	E500Pro
Bluetooth Version	5.2
Bluetooth Range	Up to 50 feet (15 meters)

Feature	Specification
Noise Control	Hybrid Active Noise Cancellation
Audio Driver Type	Dynamic Driver
Audio Driver Size	40 mm
Frequency Response	Up to 40 KHz
Impedance	22 Ohm
Battery Life (ANC Off)	Up to 90 hours
Battery Life (ANC On)	Up to 60 hours
Charging Time	1.5 - 2 hours
Headphones Jack	Type-C (for audio cable)
Connectivity Technology	Wireless (Bluetooth), Wired (3.5mm to USB-C)
Material	Faux Leather (earcups)
Item Weight	268 Grams (9.5 ounces)

9. WARRANTY AND SUPPORT

Your Lavales E500Pro headphones come with a **12-month product warranty** from the date of purchase. This warranty covers manufacturing defects and ensures your product is free from material and workmanship flaws under normal use.

For technical assistance, warranty claims, or any other inquiries, please contact our customer support team:

- **Email Support:** support@lavales.com



Figure 9.1: Lavales Official Service information.