

Philips TAT2520

Philips T2520 True Wireless Earbuds User Manual

Model: TAT2520

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient use of your Philips T2520 True Wireless Earbuds. Please read this manual thoroughly before using the product and retain it for future reference.

2. SAFETY INFORMATION

Observe the following safety precautions to prevent damage or injury:

- Do not expose the earbuds or charging case to extreme temperatures, direct sunlight, or fire.
- Do not disassemble or modify the product. This may void the warranty and cause damage.
- Keep the product away from water and liquids. While IPX4 rated for splash resistance, it is not waterproof.
- Avoid prolonged listening at high volume levels to prevent hearing damage.
- Keep out of reach of children and pets. Small parts may pose a choking hazard.
- Use only the provided USB-C cable for charging.

3. WHAT'S IN THE BOX

Verify that all components are present:

- Philips T2520 True Wireless Earbuds (Left and Right)
- Charging Case
- USB-C Charging Cable
- Silicone Ear Tips (S, M, L sizes)
- User Manual (this document)



Image: Contents of the Philips T2520 package, including the earbuds in their charging case, a USB-C charging cable, and multiple sizes of silicone ear tips.

4. PRODUCT OVERVIEW

Familiarize yourself with the components of your Philips T2520 True Wireless Earbuds.

4.1 Earbuds

- **Touch Control Area:** For playback, call management, and ANC/Awareness mode toggling.
- **Microphone:** AI-powered for clear calls.
- **Ear Tip:** Silicone tips for comfort and secure fit.
- **Charging Contacts:** Connects to the charging case.

4.2 Charging Case

- **Earbud Slots:** Holds and charges the earbuds.
- **USB-C Charging Port:** For connecting the charging cable.
- **Battery Indicator:** Displays the charging case battery level.



Image: The Philips T2520 True Wireless Earbuds resting inside their open charging case, displaying the digital battery indicator.



Image: The Philips T2520 True Wireless Earbuds removed from their charging case, showcasing their individual design and the open charging case.

5. SETUP

5.1 Charging the Earbuds and Case

1. Place the earbuds into the charging case. Ensure the charging contacts align.
2. Connect the USB-C cable to the charging port on the case and the other end to a USB power source (e.g., computer, wall adapter).
3. The battery indicator on the case will show charging progress. A full charge takes approximately 2 hours for the case.
4. A 15-minute charge provides approximately 1 hour of playtime.



Image: A person's hand carefully placing one of the Philips T2520 earbuds into its charging case, indicating the charging process.

5.2 Pairing with a Bluetooth Device

Initial Pairing:

1. Open the charging case. The earbuds will automatically enter pairing mode, indicated by a flashing LED on the earbuds.
2. On your device (smartphone, tablet, laptop), enable Bluetooth.
3. Search for available Bluetooth devices and select "Philips T2520".
4. Once connected, the LED on the earbuds will stop flashing.

Subsequent Pairing:

The earbuds will automatically connect to the last paired device when removed from the case and within range.

Google Fast Pair:

For Android devices, the earbuds support Google Fast Pair for quick and seamless connection.

5.3 Wearing the Earbuds

1. Choose the silicone ear tips that provide the best fit and seal for optimal sound quality and noise cancellation.
2. Insert the earbuds gently into your ears, twisting slightly to ensure a secure and comfortable fit.



Image: A person wearing a Philips T2520 earbud, demonstrating the in-ear fit and discreet design.

6. OPERATING THE EARBUDS

6.1 Touch Controls

The Philips T2520 earbuds feature intuitive touch controls on each earbud. Functions may vary slightly by device and application.

Action	Function
Single Tap (Left/Right)	Play/Pause music, Answer/End call
Double Tap (Right)	Next track
Double Tap (Left)	Previous track
Triple Tap (Left/Right)	Activate Voice Assistant
Long Press (Left/Right)	Toggle ANC / Awareness Mode
Incoming Call (Long Press)	Reject call

6.2 Active Noise Cancelling (ANC) and Awareness Mode

The earbuds feature Active Noise Cancelling to reduce ambient noise and Awareness Mode to allow you to hear your surroundings.

- **Activating/Deactivating:** Long press the touch control area on either earbud to cycle through ANC On, Awareness Mode, and ANC Off.
- **ANC On:** Reduces external noise for an immersive listening experience.
- **Awareness Mode:** Allows ambient sounds to pass through, enabling you to stay aware of your surroundings without removing the earbuds.



Image: A conceptual diagram showing sound waves, representing the Active Noise Cancelling feature of the earbuds.

6.3 Dynamic Bass Boost

The 10mm dynamic drivers provide rich audio. To enhance the low-end frequencies, activate the Dynamic Bass Boost feature, which is particularly effective at lower volumes.

6.4 AI Mic for Clear Calls

Each earbud is equipped with dual AI-powered microphones designed to isolate your voice and reduce background noise, ensuring clear communication during calls.

6.5 Multipoint Connection

The Philips T2520 supports Bluetooth 5.4 Multipoint Connection, allowing you to connect to two devices simultaneously. This enables seamless switching between, for example, your smartphone and laptop without re-pairing.

7. MAINTENANCE

7.1 Cleaning

- Gently wipe the earbuds and charging case with a soft, dry, lint-free cloth.
- Do not use abrasive cleaners, alcohol, or chemical solvents.
- Remove ear tips and clean them separately with mild soap and water if necessary. Ensure they are completely dry before reattaching.
- Clean the charging contacts on both the earbuds and the case periodically with a dry cotton swab to ensure proper charging.

7.2 Storage

When not in use, store the earbuds in their charging case to protect them and keep them charged.

7.3 Water Resistance (IPX4)

The earbuds are IPX4-rated, meaning they are resistant to splashes and sweat. They are suitable for

workouts and light rain. Do not submerge them in water or expose them to strong jets of water.



Image: A cutaway diagram of an earbud with water flowing over it, illustrating its IPX4 splash and sweat resistance.

8. TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions:

Problem	Possible Solution
Earbuds do not turn on.	Ensure the earbuds and charging case are charged. Place earbuds in the case and close it, then open again.
Earbuds do not pair with device.	Make sure Bluetooth is enabled on your device. Ensure earbuds are in pairing mode (flashing LED). Forget the device in your Bluetooth settings and try pairing again.
Only one earbud is working.	Place both earbuds back into the charging case, close the lid, wait a few seconds, then open the lid and remove them. This often re-syncs them.
Poor sound quality or low volume.	Check ear tip fit; try different sizes. Clean ear tips and earbud grilles. Ensure device volume is up.
Charging issues.	Clean charging contacts on earbuds and case. Try a different USB-C cable or power source.

9. SPECIFICATIONS

Feature	Detail
Model Name	TAT2520BK/00
Connectivity	Bluetooth 5.4



Feature	Detail
Audio Drivers	10 mm Dynamic Drivers
Noise Control	Active Noise Cancellation, Awareness Mode
Microphones	Dual AI Microphones for Clear Calls
Total Playtime	Up to 20 hours (5.5 hours earbuds + 14 hours case, ANC off)
Fast Charge	15 minutes charge = 1 hour playtime
Charging Time (Case)	2 hours (via USB-C)
Water Resistance	IPX4 (Splash & Sweat Resistant)
Multipoint Connection	Yes
Compatible Devices	Phones, Laptops, Android Devices
Item Weight	3.04 ounces
Product Dimensions	1.1 x 2.52 x 1.99 inches


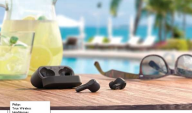


10. WARRANTY AND SUPPORT

Philips products are designed and manufactured to the highest standards. For detailed warranty information and customer support, please refer to the warranty card included with your product or visit the official Philips support website for your region. You may also find frequently asked questions and additional resources online.

Please retain your proof of purchase for warranty claims.

Related Documents - TAT2520

<div><p>PHILIPS Наушники TAT6000</p><p>Посібник користувача Наведіть адресу або завантажте посібник на вебсайт www.philips.com/support</p></div>	<p>Philips TAT6000 True Wireless ANC Headphones User Manual</p> <p>Comprehensive user manual for the Philips TAT6000 True Wireless Headphones with Active Noise Cancelling. This guide covers setup, features, controls, troubleshooting, safety instructions, and technical specifications.</p>
<div><p>PHILIPS Навушники TAH8000EWT</p><p>Наведіть адресу або завантажте посібник на вебсайт www.philips.com/support</p></div>	<p>Philips TAH8000EWT Wireless Over-Ear Headphones - Hi-Res Audio, ANC, 70h Playtime</p> <p>Discover the Philips TAH8000EWT wireless over-ear headphones. Featuring Hi-Res Audio, Active Noise Cancelling Pro, 70 hours of playtime, Auracast™ connectivity, and comfortable design for immersive sound and clear calls. Includes detailed technical specifications.</p>

 <p>PHILIPS Immerse freely</p> <p>Discover the Philips TAH7508WT over-ear wireless headphones. Featuring Noise Canceling Pro, up to 60 hours of playtime, Dynamic Bass, and a comfortable, foldable design. Connect seamlessly via Bluetooth 5.2 and personalize your audio with the Philips Headphones app.</p>	<p>Philips TAH7508WT Over-Ear Wireless Headphones with Noise Canceling Pro and 60-Hour Playtime</p> <p>Discover the Philips TAH7508WT over-ear wireless headphones. Featuring Noise Canceling Pro, up to 60 hours of playtime, Dynamic Bass, and a comfortable, foldable design. Connect seamlessly via Bluetooth 5.2 and personalize your audio with the Philips Headphones app.</p>
 <p>PHILIPS Rich sound wherever you go</p> <p>Experience immersive audio and clear conversations with the Philips TAT3217BK True Wireless Headphones. Featuring IPX5 water resistance, ergonomic design, and up to 26 hours of total playtime, these earbuds are perfect for your active lifestyle.</p>	<p>Philips TAT3217BK True Wireless Headphones: Rich Sound, Clear Calls, IPX5</p> <p>Experience immersive audio and clear conversations with the Philips TAT3217BK True Wireless Headphones. Featuring IPX5 water resistance, ergonomic design, and up to 26 hours of total playtime, these earbuds are perfect for your active lifestyle.</p>
 <p>PHILIPS Căști TAH7508</p> <p>Manualul proprietarului Împărtășiți-vă experiența și găsiți răspunsuri la întrebări www.philips.com/support</p>	<p>Philips TAH7508 Wireless ANC Headphones User Manual</p> <p>User manual for Philips TAH7508 wireless headphones with Active Noise Cancellation (ANC). Learn about setup, Bluetooth pairing, controls, features, technical specifications, safety, and troubleshooting.</p>
 <p>PHILIPS Sluchátka TAT6000</p> <p>Uživatelská příručka Zaregistrujte si výrobek a získejte podporu na webu www.philips.com/support</p>	<p>Philips TAT6000 True Wireless Headphones with ANC - User Manual</p> <p>Get detailed instructions and support for your Philips TAT6000 True Wireless Headphones with Active Noise Cancellation. Learn about setup, usage, features, safety, and troubleshooting.</p>