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Model: Apollo Bold

Brand: Tronsmart

1. INTRODUCTION

Thank you for choosing the Tronsmart Apollo Bold ANC Wireless Bluetooth 5.0 Earbuds. These earbuds are designed to provide a superior audio experience with advanced Active Noise Cancellation (ANC) technology, robust Bluetooth 5.0 connectivity, and intuitive touch controls. Featuring a Qualcomm QCC5124 chip, 30 hours of playtime, IPX45 water resistance, CVC 8.0 noise reduction, and 6 microphones, the Apollo Bold earbuds deliver clear sound and calls in various environments.

2. PACKAGE CONTENTS

Please check the package for the following items:

- Tronsmart Apollo Bold Earbuds (Left and Right)
- Charging Case
- USB-C Charging Cable
- Ear Tips (S, M, L sizes)
- User Manual



Image: Tronsmart Apollo Bold Earbuds shown with their open charging case.

3. SETUP

3.1 Charging the Earbuds and Case

Before first use, fully charge the earbuds and the charging case. Place the earbuds into the charging case. Connect the USB-C charging cable to the charging port on the case and the other end to a USB power adapter (not included). The indicator light on the case will show the charging status.

- **Charging Case:** Connect to a power source using the provided USB-C cable.
- **Earbuds:** Place them inside the charging case. They will charge automatically.

3.2 Bluetooth Pairing

Follow these steps to pair your Tronsmart Apollo Bold earbuds with your device:

1. Open the charging case. The earbuds will automatically enter pairing mode, and the indicator light on the earbuds will flash.
2. On your device (smartphone, tablet, etc.), enable Bluetooth.
3. Search for new Bluetooth devices and select "Tronsmart Apollo Bold" from the list.
4. Once connected, a voice prompt will confirm successful pairing.

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

3.3 Wearing the Earbuds

Choose the ear tips that provide the best seal and comfort for your ears. Insert the earbuds into your ears and gently twist them to ensure a snug and secure fit. A proper fit is crucial for optimal sound quality and effective noise cancellation.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

- **Power On:** Open the charging case, and the earbuds will automatically power on.
- **Power Off:** Place the earbuds back into the charging case and close the lid. They will automatically power off and begin charging.

4.2 Touch Controls

The Tronsmart Apollo Bold earbuds feature intuitive touch controls on each earbud. The specific functions may vary slightly depending on your device and application.

Action	Left Earbud	Right Earbud
Play/Pause	Single tap	Single tap
Next Track		Double tap
Previous Track	Double tap	
Volume Up		Tap and hold
Volume Down	Tap and hold	
Answer/End Call	Single tap	Single tap
Reject Call	Tap and hold for 2 seconds	Tap and hold for 2 seconds
Activate Voice Assistant	Triple tap	Triple tap
Switch ANC/Ambient/Normal Mode	Tap and hold for 2 seconds	Tap and hold for 2 seconds

4.3 Active Noise Cancellation (ANC) and Ambient Mode

The Apollo Bold earbuds feature 360° Hybrid Active Noise Cancellation to reduce ambient noise, and an Ambient Sound Mode to allow you to hear your surroundings without removing the earbuds.

- **ANC On:** Reduces external noise for an immersive listening experience.
- **ANC Off (Normal Mode):** Standard audio playback without noise cancellation.
- **Ambient Sound Mode:** Allows you to hear your surroundings, useful for safety or conversations.

To cycle through these modes, tap and hold either earbud for 2 seconds.

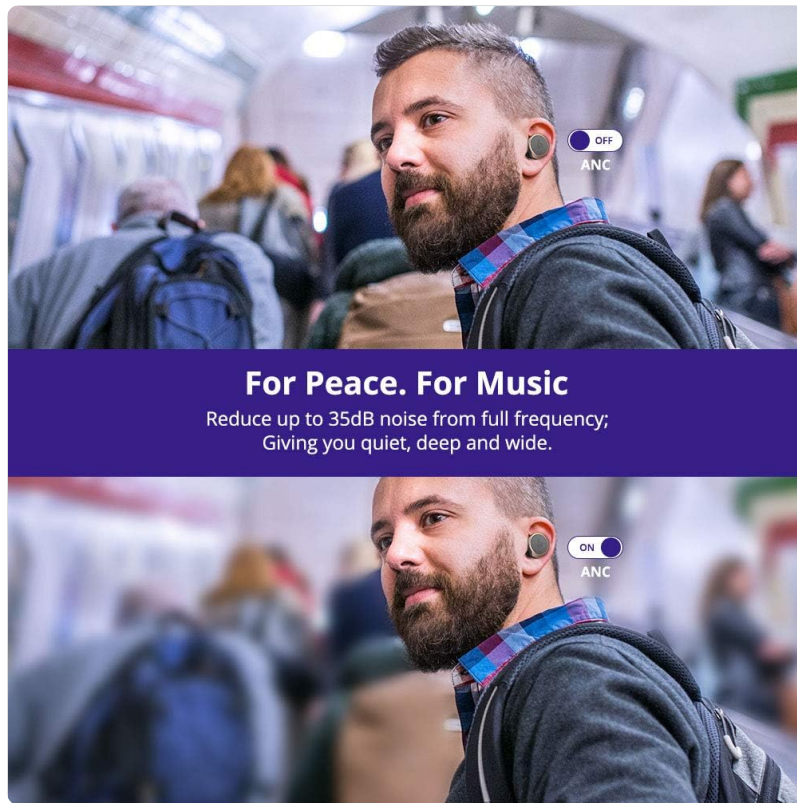


Image: Visual comparison of ANC On and ANC Off modes, showing reduced noise for peace and music.

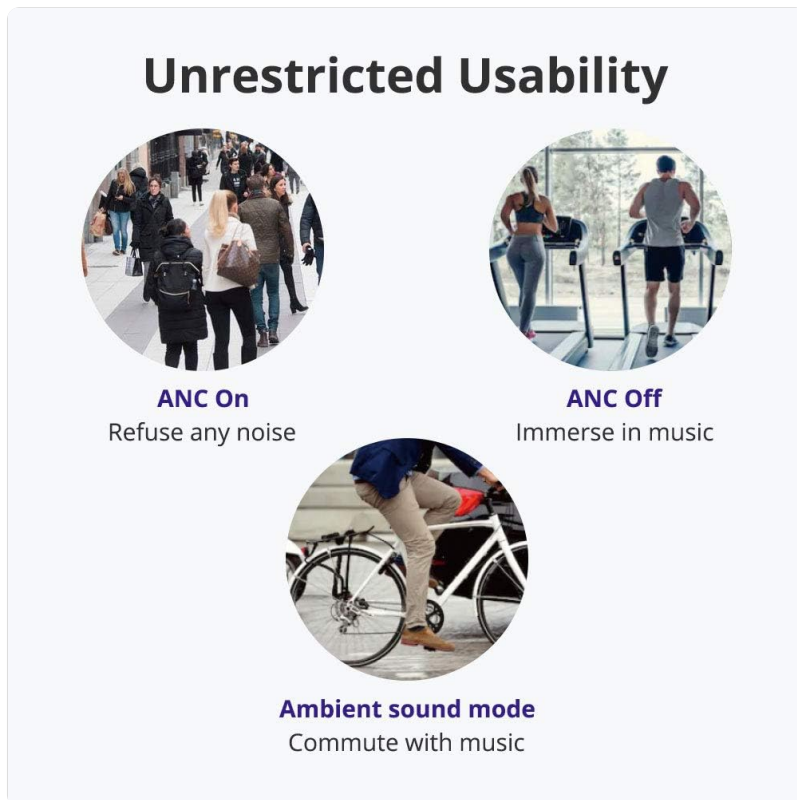


Image: Scenarios for ANC On (refuse noise), ANC Off (immerse in music), and Ambient Sound Mode (commute with music).

5. ADVANCED FEATURES

5.1 Qualcomm QCC5124 Flagship Chip

The Tronsmart Apollo Bold is equipped with the Qualcomm QCC5124 flagship chip, which provides a superior user experience and sound quality. This chip enables faster transmission, lower latency, less power consumption, and overall better sound performance.



Image: Diagram highlighting the Qualcomm QCC5124 chip inside the earbud, with benefits like faster transmission, lower latency, less power consumption, and better sound.

5.2 360° Hybrid Active Noise Cancelling

The hybrid ANC technology, combined with 6 microphones, effectively cancels noise from all directions. It utilizes two patented noise cancelling technologies:

- **Feedforward ANC:** Microphones reduce noise in a broader range of frequencies.
- **Feedback ANC:** Microphones reduce noise in a narrow range of frequencies.



Image: Diagram illustrating the 360° Hybrid Active Noise Cancelling technology with Feedforward and Feedback ANC components.

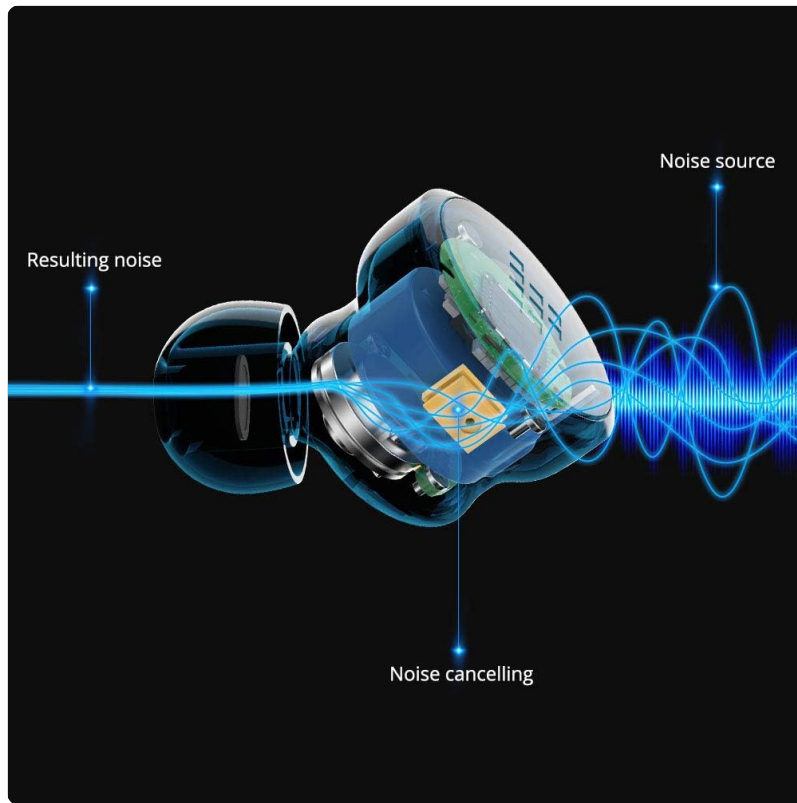


Image: Diagram showing how noise cancelling works by generating a resulting noise to counteract the original noise source.

5.3 Customized Graphene Driver and Audio Codecs

The customized graphene driver works with Qualcomm aptX™ decoding for superb sound quality. It supports various audio codecs:

- **Qualcomm aptX™:** For studio quality audio (lossless for compatible devices).
- **AAC:** Balanced and detailed sound for iOS devices.
- **SBC:** Well-balanced and rich sound for Android devices.

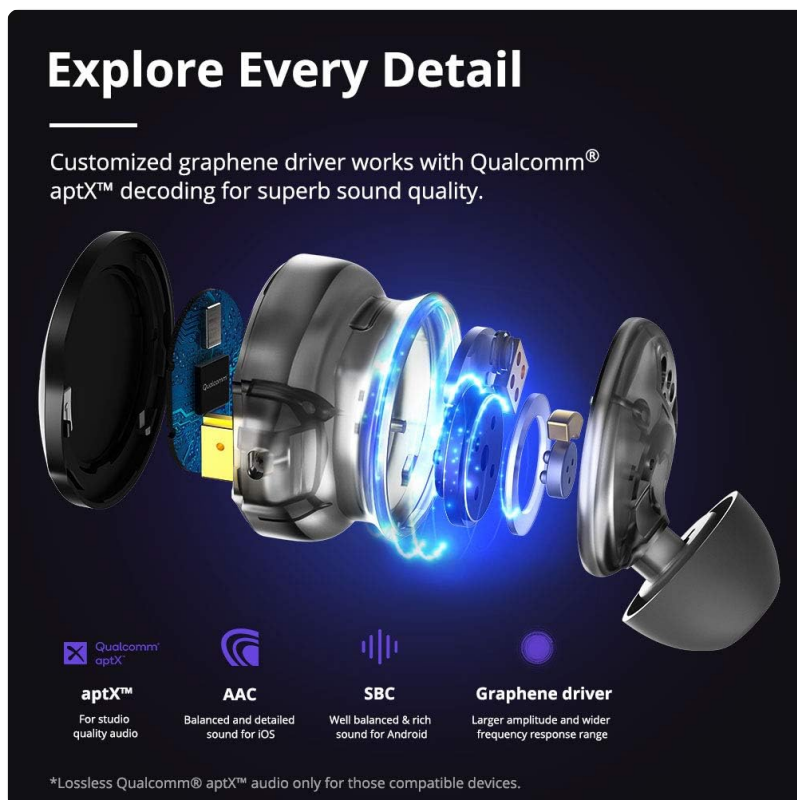


Image: Exploded view of the earbud components, highlighting the graphene driver and supported audio codecs (aptX, AAC, SBC).

5.4 TrueWireless™ Stereo Plus

The advanced TrueWireless™ Stereo Plus synchronous signal transmission technology ensures more desirable sound without any delay. Unlike traditional True Wireless Stereo where one earbud acts as a master and the other as a slave, TWS+ allows both earbuds to connect directly to the device, resulting in a more stable connection and lower latency.

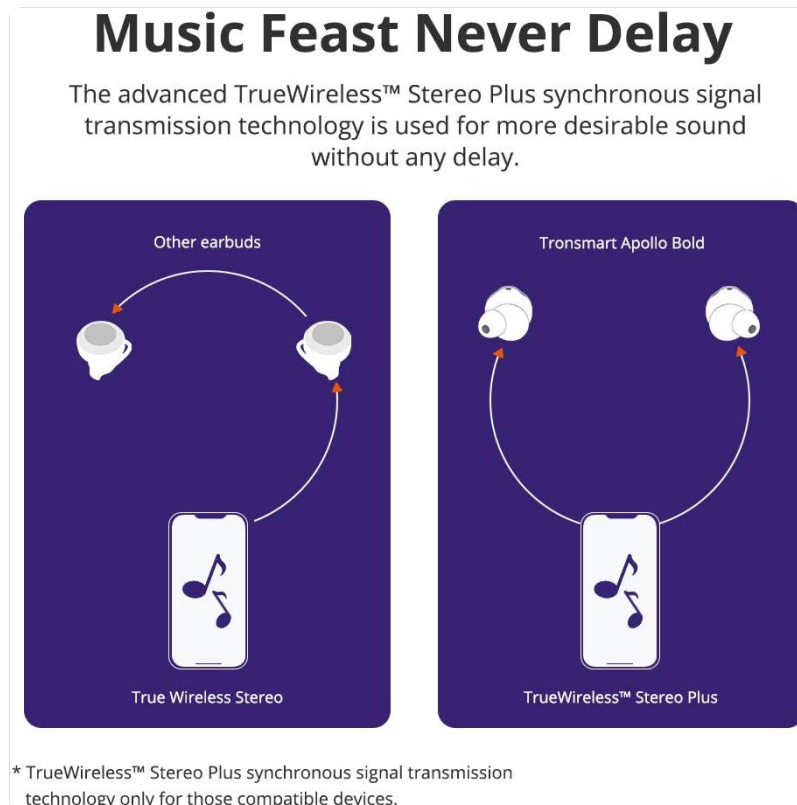


Image: Diagram comparing traditional TrueWireless Stereo (master-slave connection) with TrueWireless Stereo Plus (both earbuds connect directly to the device).

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your earbuds.

- **Cleaning:** Regularly clean the earbuds and charging case with a soft, dry, lint-free cloth. Do not use harsh chemicals or abrasive materials.
- **Ear Tips:** Remove and clean the ear tips periodically with water and mild soap. Ensure they are completely dry before reattaching.
- **Water Resistance:** The earbuds are IPX45 water-resistant, meaning they are protected against splashing water from any direction. Do not submerge them in water or expose them to heavy rain. Ensure the charging port is dry before charging.
- **Storage:** Store the earbuds in their charging case when not in use to protect them and keep them charged. Avoid extreme temperatures.

7. TROUBLESHOOTING

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

- **Earbuds not pairing:** Ensure both earbuds are fully charged. Place them back in the case, close the lid, then open it again to re-enter pairing mode. Make sure Bluetooth is enabled on your device and no other devices are connected to the earbuds.
- **No sound from one earbud:** Place both earbuds back into the charging case, close the lid, and then take them out

again. This often re-syncs them. Check if the earbud is charged.

- **Poor sound quality:** Ensure the ear tips provide a good seal in your ear. Clean any debris from the earbud nozzles. Try adjusting the volume on both the earbuds and your connected device.
- **ANC not working effectively:** Ensure the earbuds are properly seated in your ears to create a good seal. Check that ANC mode is activated.
- **Charging issues:** Ensure the charging cable is securely connected to both the case and the power source. Try a different USB-C cable or power adapter. Clean the charging contacts on the earbuds and inside the case.
- **Earbuds not responding to touch controls:** Ensure your fingers are clean and dry. Try resetting the earbuds by placing them in the case and then taking them out.

If the issue persists, refer to the official Tronsmart support website or contact customer service for further assistance.

8. SPECIFICATIONS

Key technical specifications for the Tronsmart Apollo Bold ANC Wireless Bluetooth Earbuds:

Feature	Detail
Model Name	Apollo Bold
Brand	Tronsmart
Connectivity Technology	Wireless (Bluetooth 5.0)
Noise Control	Active Noise Cancellation (ANC)
Chipset	Qualcomm QCC5124
Audio Codecs	aptX, AAC, SBC
Playtime	Up to 30 hours (with charging case)
Water Resistance	IPX45
Microphones	6 (for ANC and calls)
Impedance	32 Ohm
Form Factor	In-Ear
Headphone Jack	N/A (Wireless)
Package Dimensions	19.5 x 11.4 x 6.2 cm
Item Weight	4 Grams (earbuds)

	QCC5124	QCC3020
ANC	√	×
Processor architecture	Quad core processor	Dual core processor
Application subsystem	Dual core 32-bit	Single core 32-bit
Audio subsystem	Dual core DSP	Single core DSP
CPU frequency	≤84MHz	≤32MHz

Image: Comparison table detailing the differences between the QCC5124 and QCC3020 chips, highlighting the superior features of the QCC5124.

9. WARRANTY AND SUPPORT

Tronsmart products are covered by a limited warranty. Please refer to the warranty card included in your package or visit the official Tronsmart website for detailed warranty terms and conditions. For technical support, troubleshooting assistance, or any product-related inquiries, please contact Tronsmart customer service through their official channels.