Avantalk ATBH-AS92-T

Avantalk Aria Pro 3 Wireless Headphones User Manual

Model: ATBH-AS92-T

Introduction

This manual provides comprehensive instructions for the Avantalk Aria Pro 3 Wireless Headphones. It covers product features, setup procedures, operational guidelines, maintenance tips, troubleshooting solutions, and detailed specifications to ensure optimal use and longevity of your device.
The Avantalk Aria Pro 3 is designed for versatile use, offering low-latency wireless connectivity for gaming, dual connection for seamless switching between PC and phone, and a detachable noise-canceling microphone for clear communication in various environments.

What's in the Box

Upon unboxing, verify that all components are present:

- Aria Pro 3 Headphones
- Detachable Boom Mic
- USB-C Dongle
- USB-C to USB-A Adapter
- 3.5mm Audio Cable
- USB-C Charging Cable



Image: Avantalk Aria Pro 3 headphones, detachable boom mic, USB-C dongle, and cables.

Setup Instructions

1. Initial Charging

Before first use, fully charge the headphones. Connect the provided USB-C charging cable to the headphone's charging port and a compatible USB power source. A full charge takes approximately 2 hours.

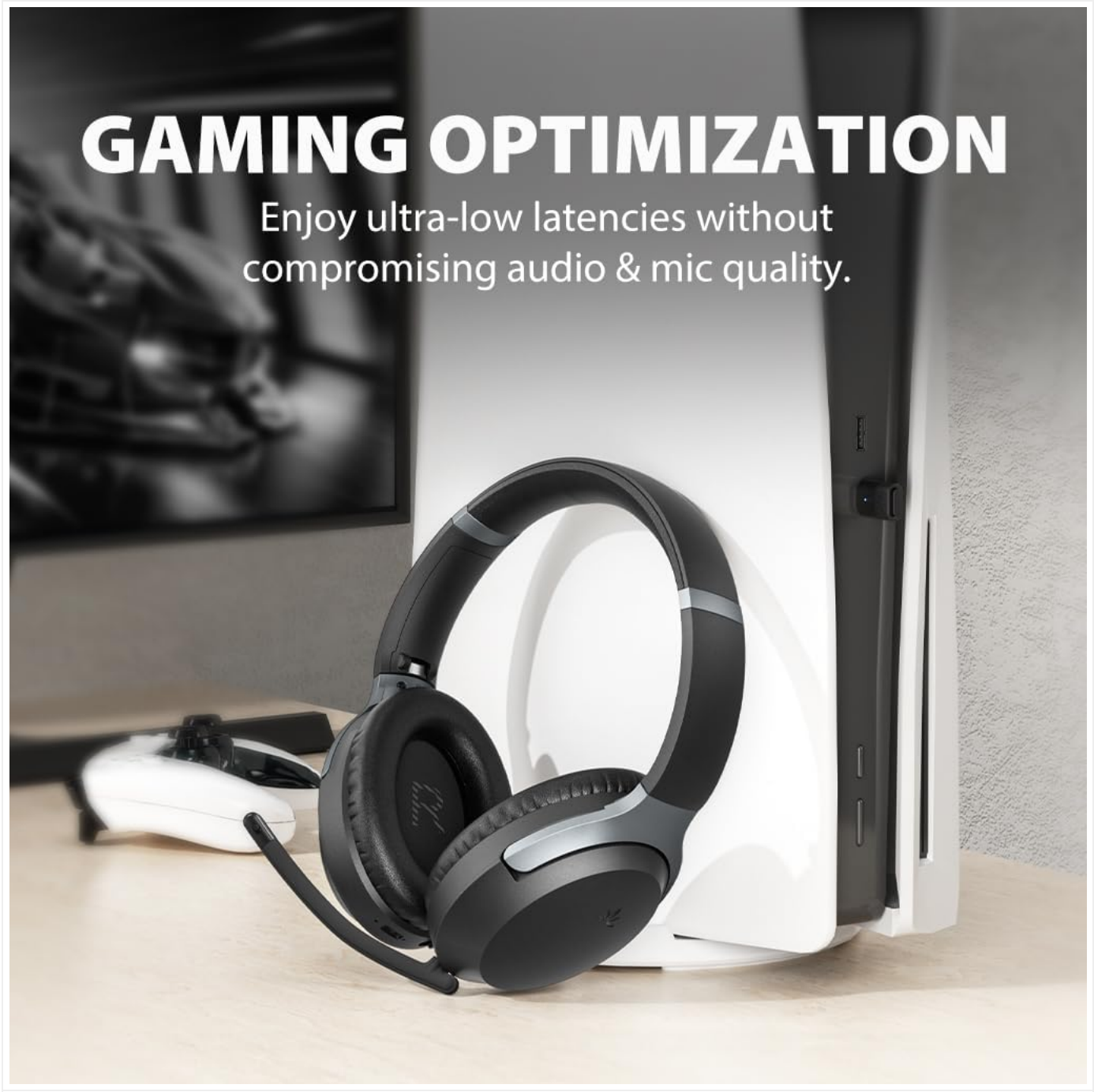


Image: Close-up of the Avantalk Aria Pro 3 headphones showing the USB-C charging port.

2. Attaching the Detachable Boom Mic

The boom microphone can be attached for enhanced voice clarity during calls or gaming. Align the 3.5mm jack of the boom mic with the corresponding port on the left earcup and insert firmly. Remove it when not needed for a more streamlined profile.

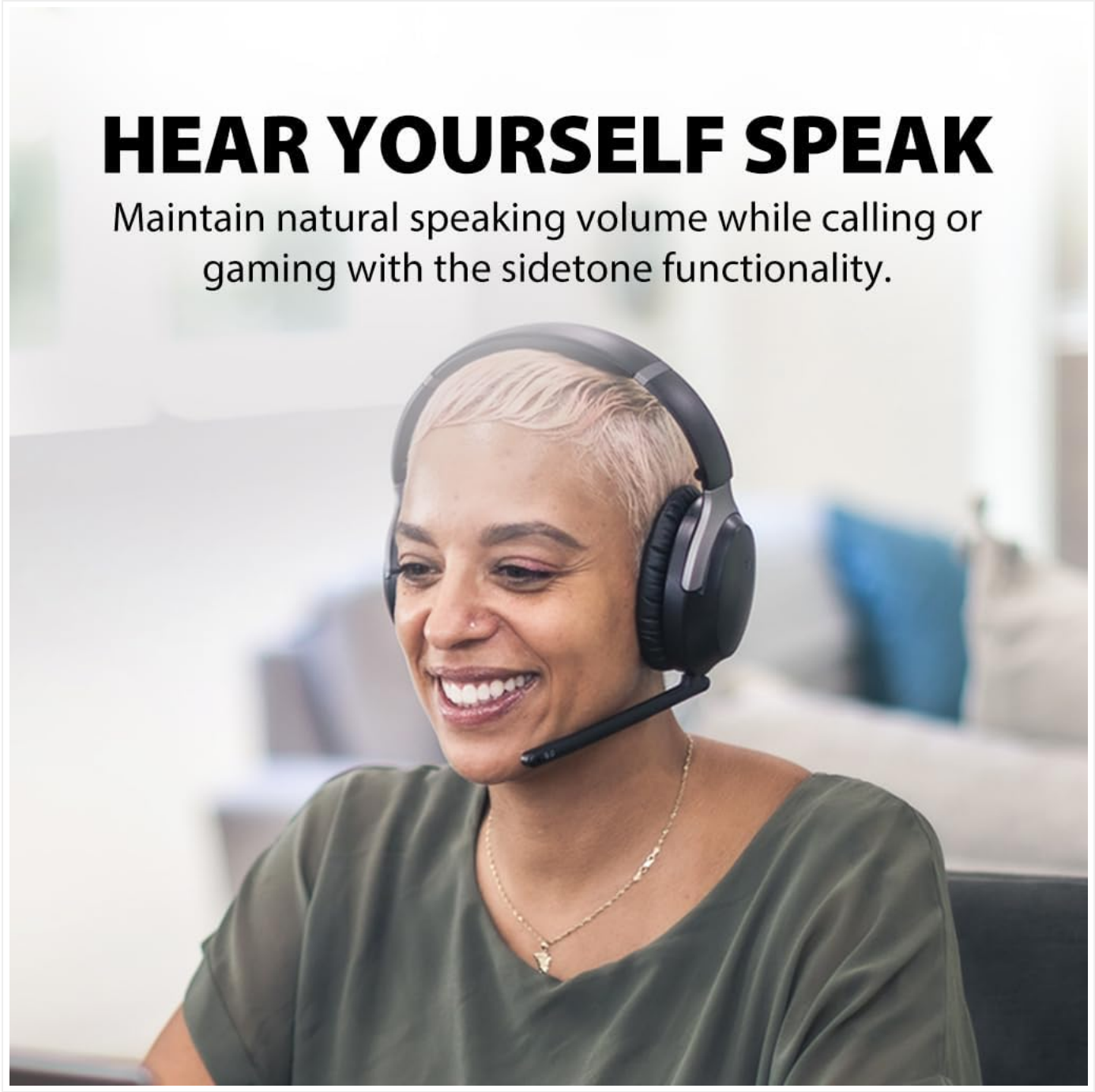


Image: Avantalk Aria Pro 3 headphones with the detachable boom microphone attached.

3. Connecting via USB-C Dongle (Plug & Play)

For a low-latency connection to your PC, Mac, or PS5, use the included USB-C dongle. Simply plug the dongle into an available USB-C port on your device. The headphones will automatically connect. If your device only has USB-A ports, use the provided USB-C to USB-A adapter.



Image: A user wearing Avantalk Aria Pro 3 headphones, connected to a laptop via the USB-C dongle for PC calls.

4. Connecting via Bluetooth

1. Power on the headphones.
2. Enter pairing mode: Press and hold the Bluetooth button until the LED indicator flashes blue and red.
3. On your device (phone, tablet, etc.), enable Bluetooth and search for "Avantalk Aria Pro 3" in the list of available devices.
4. Select the headphones to pair. The LED will turn solid blue once connected.

5. Dual Connection (PC + Phone)

The Aria Pro 3 supports simultaneous connection to two devices, typically a PC (via dongle) and a smartphone (via Bluetooth). This allows you to seamlessly switch between audio sources, such as taking a mobile call while connected to your computer for work or gaming.



Image: Diagram illustrating the dual connectivity feature of the Avantalk Aria Pro 3 headphones, connecting to both a phone and a laptop.

Operating Instructions

Controls Overview

The headphones feature intuitive button controls for various functions. Refer to the diagram below for button placement.



Image: Side view of the Avantalk Aria Pro 3 headphones highlighting the control buttons on the earcup.

- **Power Button:** Press and hold to power on/off.
- **Volume Up/Down:** Press to adjust volume.
- **Multi-function Button:** Play/pause music, answer/end calls.
- **ANC Button:** Toggle Active Noise Cancellation on/off.

Active Noise Cancellation (ANC)

Press the ANC button to activate or deactivate the noise cancellation feature. ANC helps reduce ambient noise, providing a more immersive audio experience.

Sidetone Functionality

The sidetone feature allows you to hear your own voice through the headset during calls or gaming. This helps prevent shouting and provides a more natural speaking experience. This feature is automatically active when the boom mic is in use.



Image: A person smiling while wearing Avantalk Aria Pro 3 headphones with the boom mic, demonstrating the sidetone feature for natural communication.

Gaming Optimization

When connected via the USB-C dongle, the Aria Pro 3 provides an ultra-low latency of 20ms, ensuring audio and microphone quality are synchronized for an optimal gaming experience on platforms like PS5 or PC.



Image: A person playing a video game on a PS5 while wearing Avantalk Aria Pro 3 headphones with the boom mic, highlighting gaming optimization.

Maintenance

Cleaning

Wipe the headphones with a soft, dry cloth. For earcups, use a slightly damp cloth with mild soap if necessary, then wipe dry immediately. Avoid using harsh chemicals or abrasive materials.

Storage

Store the headphones in a cool, dry place away from direct sunlight and extreme temperatures. When not in use for extended periods, ensure they are fully charged to preserve battery health.

Battery Care

The built-in battery provides up to 55 hours of average use. To maximize battery lifespan, avoid fully discharging the headphones frequently. Recharge them when the battery low indicator appears.

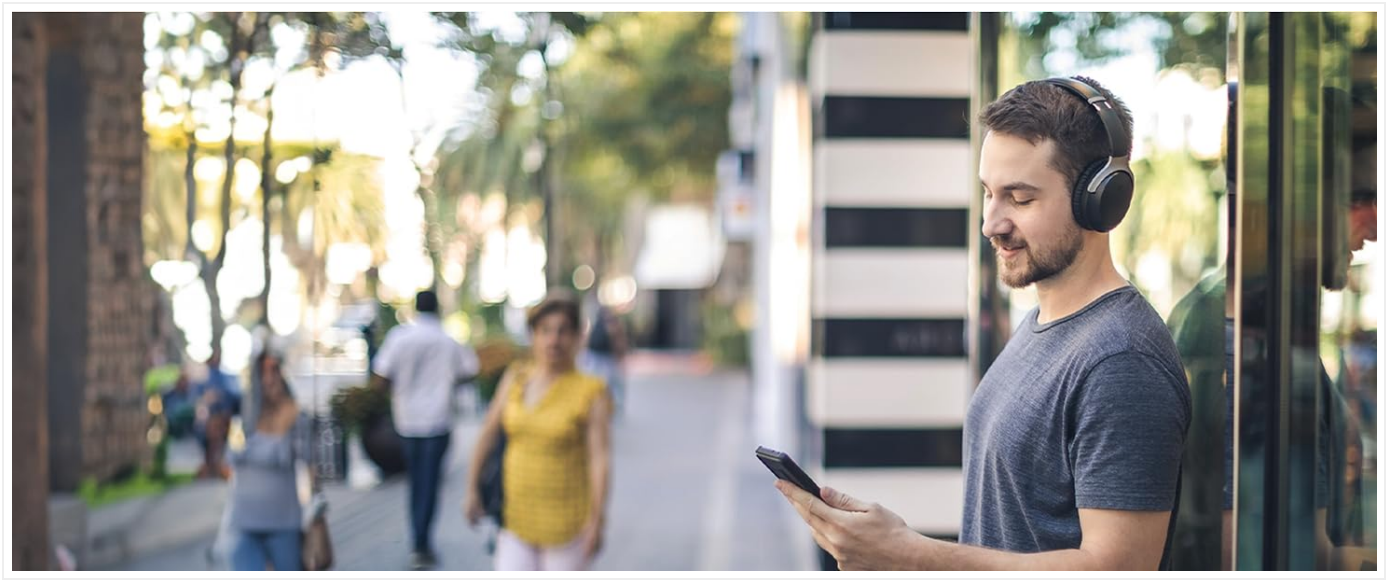


Image: Avantalk Aria Pro 3 headphones with an overlay indicating "Extended Playtime Up to 55hr".

Troubleshooting

No Sound / Poor Audio Quality

- Ensure the headphones are powered on and charged.
- Verify the correct audio output device is selected on your computer or phone.
- Check volume levels on both the headphones and the connected device.
- If using the dongle, ensure it is securely plugged in and recognized by your device.
- If using Bluetooth, ensure the headphones are paired and connected. Try re-pairing if issues persist.
- Test with a different audio source or device to isolate the problem.

Microphone Not Working

- Ensure the detachable boom mic is securely attached.
- Verify the correct microphone input device is selected in your device's sound settings.
- Check if the microphone is muted on the headphones or in your software (e.g., Zoom, Teams).
- Test the microphone with another application or device.

Connectivity Issues

- **Bluetooth:** Ensure the headphones are in pairing mode (flashing blue/red) for initial connection. If already paired, ensure Bluetooth is enabled on your device and the headphones are within range (up to 10 meters).
- **USB-C Dongle:** Try plugging the dongle into a different USB port. Ensure the dongle's LED indicator is active.
- Restart both the headphones and the connected device.
- Clear previous Bluetooth pairings on your device and re-pair.

Charging Problems

- Ensure the USB-C charging cable is fully inserted into both the headphones and the power source.
- Try a different USB-C charging cable and/or power adapter.

- Verify the power source is functional.

Specifications

Brand	Avantalk
Model Number	ATBH-AS92-T
Model Name	Aria Pro 3
Color	Black
Ear Placement	Over Ear
Form Factor	Over Ear
Impedance	32 ohm
Connectivity Technology	USB-C & USB-A (via dongle), Wired 3.5mm AUX, Wireless Bluetooth
Wireless Technology	Bluetooth
Bluetooth Version	5.3
Bluetooth Range	10 meters
Control Type	Button Control
Battery Charge Time	2 hours
Battery Average Life	55 hours
Noise Control	Active Noise Cancellation
Frequency Range	20 Hz - 20,000 Hz
Audio Latency	20 milliseconds (with dongle)
Audio Driver Size	40 millimeters
Item Weight	230 g
Compatible Devices	Cellphones, Desktops, Gaming Consoles (PS5), Laptops, Tablets

Warranty and Support

Warranty: The Avantalk Aria Pro 3 comes with a 24-month warranty. Product registration is recommended to cover the first 12 months of return shipment costs.
Extensive Support: For any assistance, Avantalk offers comprehensive support through various channels:

- Chat
- Email
- Phone
- Online Clinic
- Video Tutorials

- FAQ

Visit support.avantalk.com for registration and further support resources.

Helpful Videos

Interactive User Guide - Avantalk Aria Pro 3 Headphones

Your browser does not support the video tag.

Video: An interactive setup guide for the Avantalk Aria Pro 3 headphones, demonstrating step-by-step instructions for initial setup and product overview.

Intro - Avantalk Aria Series Headphones for Music & Meetings

Your browser does not support the video tag.

Video: An introductory video showcasing the Avantalk Aria series headphones, highlighting their use for music and meetings, and key features.

© 2026 Avantalk. 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