

Avantree EON

User Manual



Model No.: BTHS-AS100

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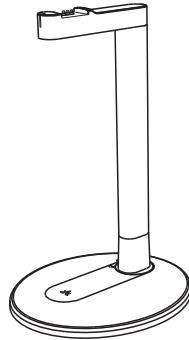
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Box Contents

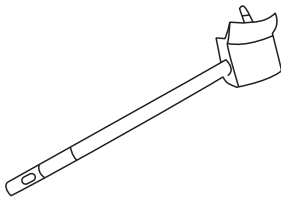
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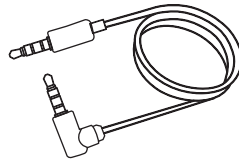
Eon Headphones



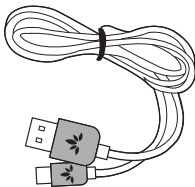
Charging Stand



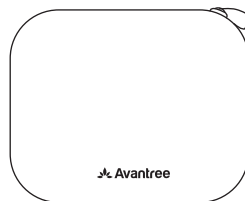
Boom Mic



AUX 3.5mm Audio Cable



Type C Power Cable



Carrying Case

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Button Functions

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No.	Button	Functions
1	OFF/Wired  Hold to Pair ON	Switch to the "ON / OFF" position to turn the headphones on / off
		Switch to the "WIRED" position to use as wired headphones
		Switch to the "HOLD TO PAIR" position & hold for 2 seconds to enter pairing mode
2		Press once to play / pause
		Press once to accept / end call
		Press & hold for 2 seconds to reject call
		Press twice to redial last number
		Press once to increase / decrease volume
		Press & hold for 2 seconds to skip / replay track
		Press & hold both "▶▶" & "+" for 1 second to turn sidetone on / off sidetone (mic monitoring; hear yourself speak)
3		Press once to switch among Active Noise Cancellation / Transparency (hear your surroundings) / Normal modes.
4		Press once to switch between balanced and bass-boosted modes
5	   (on boom mic)	Switch to  /  to unmute / mute microphone

Product Introduction

Product Overview

③ ANC / Transparency / Normal mode button

Ⓑ Listening mode indicator

④ EQ mode button

AUX 3.5mm jack

Ⓒ Busy light



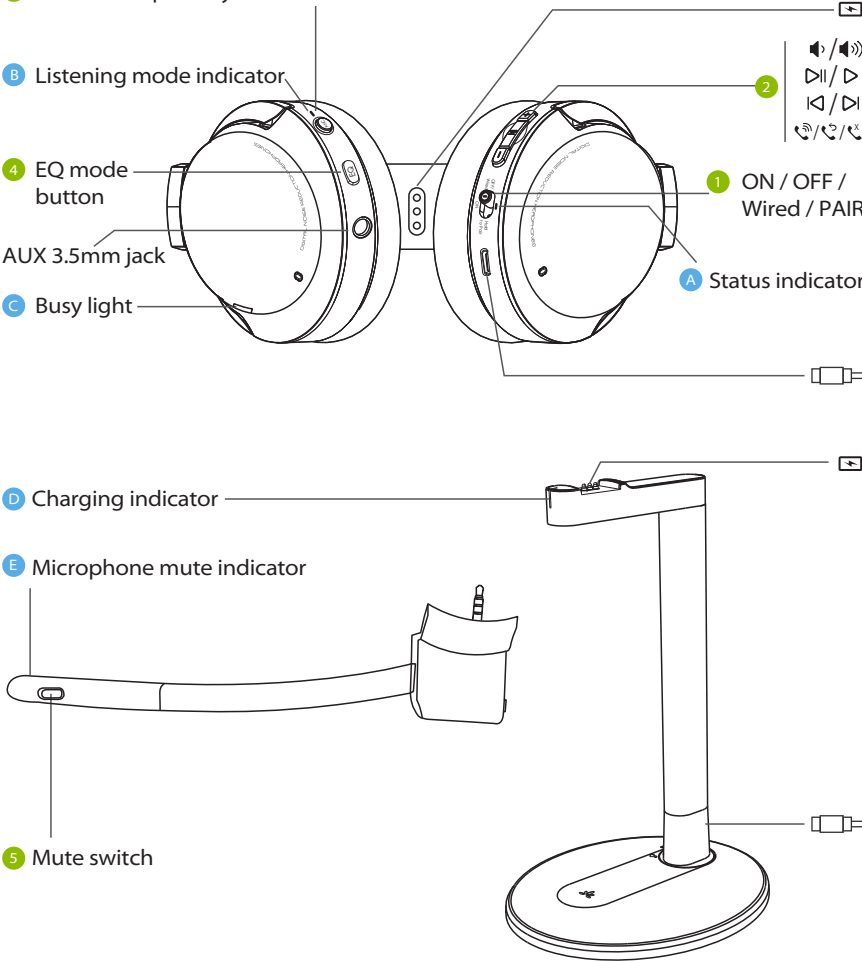
① ON / OFF /
Wired / PAIR

Ⓐ Status indicator

Ⓓ Charging indicator

Ⓔ Microphone mute indicator

⑤ Mute switch



LED Indicators

No.	Indicator & Voice Prompt	Status
A	Solid red	Charging
	Flashing red	Low battery
	Flashing blue, "BATTERY HIGH / MEDIUM / LOW" voice indicator	Power on
	Solid red for 1 second then off, "GOODBYE" voice indicator	Power off
	Alternate red & blue flashes, "PAIRING" voice indicator	Pairing
	Blue flash every 5 seconds, "CONNECTED" voice indicator	Connected
	Blue flash every 2 seconds, "DISCONNECTED" voice indicator	Disconnected
	Solid pink for 5 seconds, then alternate red & blue flashes	Clearing pairing history
B	Solid green, "NOISE CANCELING" voice indicator	Active Noise Cancellation (ANC) mode
	Green flash every 5 seconds, "TRANSPARENCY" voice indicator	Transparency mode
	LED off, "NORMAL" voice indicator	Normal mode
C	Solid red	In a call
D	Solid white	Charging
	Solid green	Charging complete
E	Solid red	Muted microphone

Charging the Headphones

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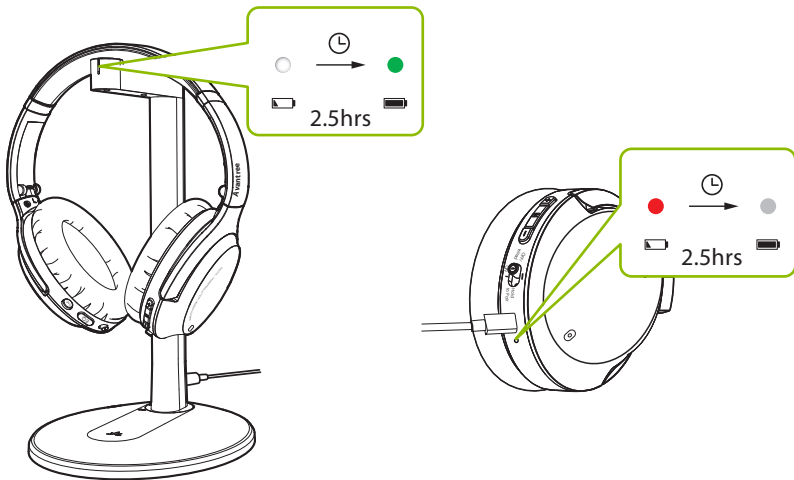
A “BATTERY LOW” voice prompt and a flashing red **A** light will indicate low battery. In order to charge, you can use either a 5V/500mA-2A rated USB adapter (your phone charger or similar should work) or PC USB port as a power source.

OPTION 1 Charging with the stand

Place the headphones on the charging stand. The charging dock's LED will turn white while charging and turn green once charging is complete.

OPTION 2 Charging via USB cable

Alternatively, you can plug the provided type C power cable directly into the headphones' charging port.



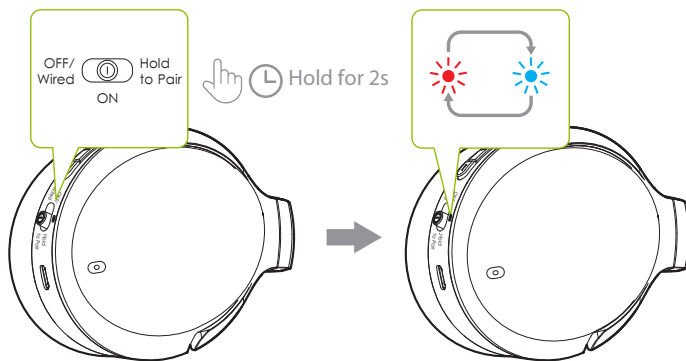
Connecting the Headphones to Your Device

Pairing & Connecting

STEP 1

Turn on the headphones. For first time use, the headphones will enter PAIRING mode automatically.

If not, put your headphones into PAIRING mode by sliding the OFF/Wired ON switch to "HOLD TO PAIR" and holding for 2 seconds until the LED flashes red & blue.

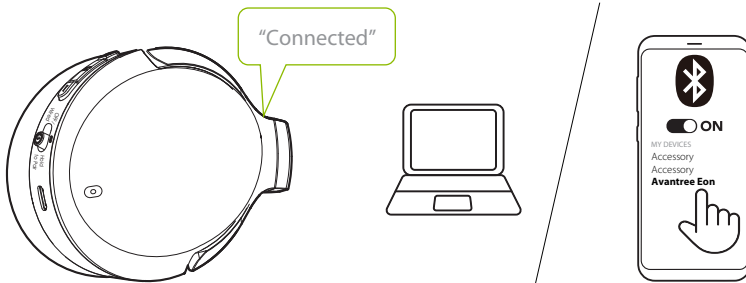


STEP 2

Turn on your device's Bluetooth and select "Avantree Eon" in the Bluetooth menu.

STEP 3

Keep the headphones close to your device and wait for 5-10 seconds or until they connect. Once they're successfully connected, the headphones' LED indicator will flash blue, and you'll hear a "CONNECTED" voice indicator.



For subsequent use, your headphones should automatically reconnect to the last-paired device within a few seconds of being turned on. If not, you can manually activate reconnection by sliding the OFF ON switch to "HOLD TO PAIR" once, or by selecting "Avantree Eon" in your device's Bluetooth menu.

Configuring Audio Settings (only for PC)

STEP 1

Access your device's audio settings and set "Avantree Eon" as the default in SOUND OUTPUT / PLAYBACK. Set "Avantree Eon" as the default in INPUT / MICROPHONE DEVICE.



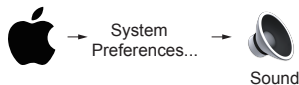
Sound

Output
Choose your output device

Avantree Eon ▾

Input
Choose your input device

Avantree Eon ▾



Sound

Output
Select a device for sound output:

Avantree Eon

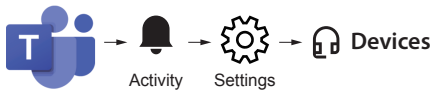
Input
Select a device for sound input:

Avantree Eon

STEP 2:

Repeat the above steps in your meeting software (i.e. Teams, Zoom, Skype, etc.)

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Audio devices

Avantree Eon ▾

Speaker

Avantree Eon (Hands Free) ▾

Microphone

Avantree Eon (Hands Free) ▾



Speaker Avantree Eon (Hands Free) ▾

Microphone Avantree Eon (Hands Free) ▾



VOICE SETTINGS

INPUT DEVICE

Avantree Eon (Hands Free) ▾

OUTPUT DEVICE

Avantree Eon (Hands Free) ▾

INPUT VOLUME

OUTPUT VOLUME

NOTE: On Windows 11 / macOS, there is no "Hands Free" option; select "Avantree Eon" as the default instead."

Calling with the Boom Mic

The Eon headphones themselves have a built-in mic, but using the detachable boom mic will significantly enhance your call quality. Its noise-filtering technology will ensure your voice (and only your voice) is heard loud and clear, and its mute switch can be conveniently utilized.

We highly recommend using the boom mic for your calls. You can use it in both wireless and wired modes by plugging it into the headphones and (optionally) connecting the AUX cable directly to the boom mic.

Using as Wired Headphones

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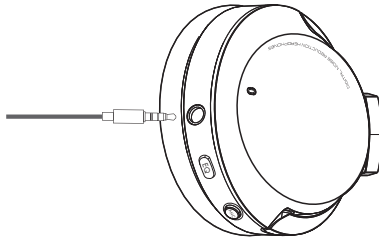
STEP 1

Slide the  switch to "OFF / Wired."

STEP 2

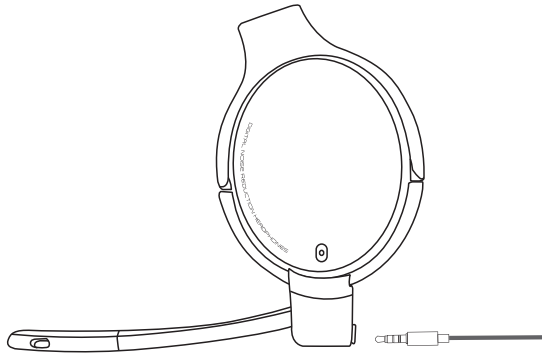
OPTION 1

If you don't need the mic, plug the AUX 3.5mm audio cable into both the headphones and your audio output device.



OPTION 2

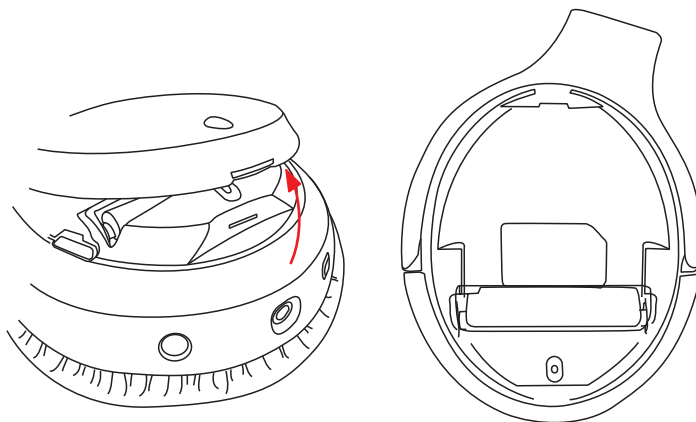
If you don't need the mic, plug the AUX 3.5mm audio cable into both the headphones and your audio output device.



NOTE: When in wired mode, listening modes (ANC, transparency, normal) and all other built-in buttons do not function. The switch on the boom mic will still work.

Replacing the Rechargeable Battery

The rechargeable batteries, located in both headphones ears, can be replaced to extend your Eon's lifespan. Scan the QR code below or search "Avantree Eon battery" on Amazon or the Avantree website in order to purchase.



You can also use compatible batteries with the following specifications: 3.7V lithium ion 10440 rechargeable battery, capacity 350mAh.

Please visit avantree.com/eon/replace-battery for installation instructions and recommended sellers' details.



Specifications

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Bluetooth version	5.0
Audio codec support	AAC, SBC
Supported profiles	HSP v1.2, HFP v1.7, AVRCP v1.6 and A2DP v1.3.1
Operating range	Up to 50ft / 15m
Drivers	40mm
Impedance	32Ω
Frequency response	20Hz - 20KHz
Charging time	~2.5hrs
Operating time	Up to 45hrs (ANC off)
Standby time	325hrs (ANC off)
Sound pressure lever (SPL)	100dB (1kHz / 179MV)
Total harmonic distortion (THD)	<0.5% (1kHz)
Product size	191mm x 156mm x 92mm
Headphones weight	~300g
Earpads inner diameter / depth	68mm x 47mm / 35mm
Earpads outer diameter	110mm x 90mm
Power supply	5V/500mA-2A rated USB adapter
Power port	Type C

FAQ

Below are some of the most common questions people have during setup.

Why is the microphone not working with my PC?

There are several reasons why the microphone may not be working with your PC. First and foremost, check the boom mic to ensure the mute switch is OFF (unmuted). The issue could also be related to hardware or computer settings. To determine if it's a hardware issue, connect the headphones to your phone and test call someone, trying both with and without the boom mic. If there are no issues, double check your computer settings.

- Make sure only one meeting app is open at a time.
- Ensure your PC settings are properly set - check your computer's sound settings and make sure the Eon is selected as both the output and input source. Check your meeting software's sound settings as well.
- Make sure there's no interference from a second device - if your Eon is simultaneously connected to another device via dual link, try disconnecting from the other device.

Why isn't my audio switching between my phone and PC with the dual link feature?

To switch between your phone and your PC, first pause the audio / end the call on the current device (either by using the controls on your active device or by pressing the corresponding button on the headphones).

After 7-10 seconds, initiate audio on the second device. The Eon should automatically swap sources.

You can find a full FAQ list at avantree.com/support/eon, or contact us directly for additional assistance.

Contact Us

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Model No: BTHS-AS100
Dispose of the packaging and this product in accordance with the latest provisions.
Z-PKQG-AS100-V0