Sky Eon

USER MANUAL

avantalk
Powered by Avantree
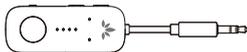
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Box Contents
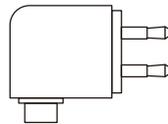
Relay Transmitter
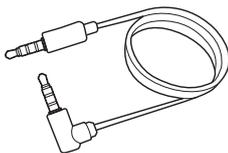
Eon Headphones

Dual 3.5mm Adapter
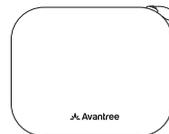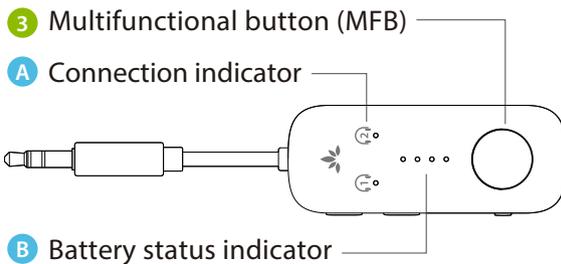
AUX 3.5mm Audio Cable

Type C Power Cable

Carrying Case

To view and purchase Sky Eon accessories, please visit avantalk.com/sky-eon/accessories

Product Introduction (Transmitter)

Product Overview

1 ON/OFF

2 Volume adjustment

3 Multifunctional button (MFB)

A Connection indicator

B Battery status indicator
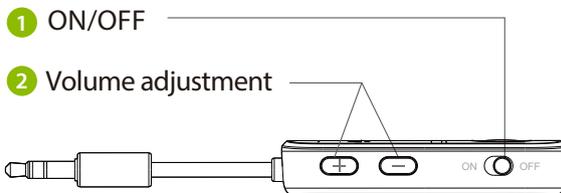
Button Functions

No	Button	Functions
1	ON ◯ OFF	Switch to turn the Relay on / off
2	⊞ ⊟	Press once or hold to adjust volume
		Press & hold both for 6 seconds to clear pairing history (will not clear the locked Eon headphones)
3	MFB	Press & hold for 2 seconds to enter pairing mode
		Press once to manually initiate reconnection to last-paired device
		Double click to show battery level

LED Indicators

No.	Indicator	Status
A	Alternate red & blue flashes	Pairing
	Solid blue	Connected
	Blue flashes every second	Reconnecting
	Solid blue & red simultaneously (pink) for 3 seconds	Clearing pairing history
B	Any of the 4 LED indicators flashing	Charging
	All the 4 LED indicators off	Fully charged
	Solid white for 1 second (after power on)	Battery status

Product Introduction (Headphones)

Product Overview

6 ANC / Transparency / Normal mode button

D Listening mode indicator

4 ON/OFF / Wired / PAIR

5

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☎ / ☎ / ☎ˣ

E Busy light

7 EQ mode button

AUX 3.5mm jack

C Status indicator
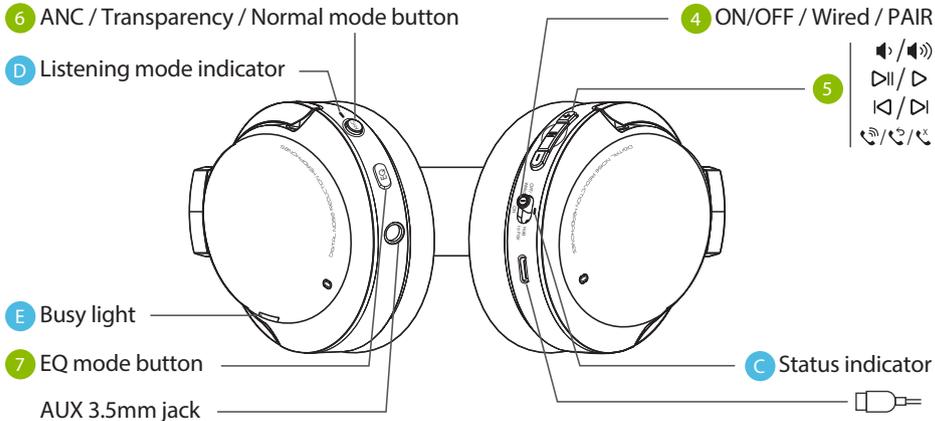
Button Functions

No.	Button	Functions
4	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
		Manually initiate reconnection to last-paired device - Slide the switch to "Hold to Pair" once.
5	▶∎	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 buttons for 5 seconds to clear pairing history
6	ANC	Press once to switch between Active Noise Cancellation / Transparency (hear your surroundings) / Normal modes.
7	EQ	Press once to switch between balanced and bass-boosted modes

Note: The functions under No. 5 including "play, pause, skip, replay tracks and manage calls" only function when the headphones are connected to an audio source, not the transmitter.

NOTE: To answer calls on an iPhone, press the headphone ▶∎ *button to activate its microphone. Android calls can be answered with either the headphones or the phone.*

LED Indicators

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| No.	Indicator & Voice Prompt	Status
C	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 flashes every 5 seconds, "CONNECTED" voice indicator	Connected
	Blue flashes every 2 seconds, "DISCONNECTED" voice indicator	Disconnected
	Solid pink for 5 seconds, then alternate red & blue flashes	Clearing pairing history
D	Solid green, "NOISE CANCELING" voice indicator	Active Noise Cancellation (ANC) mode
	Green flashes every 5 seconds, "TRANSPARENCY" voice indicator	Transparency mode
	LED off, "NORMAL" voice indicator	Normal mode
E	Solid red	In a call

Using the Headphones with Your Device

Pairing & Connecting

STEP 1
Ensure that the Transmitter is powered off. (If not, the transmitter and the headphones will connect automatically as they're locked together by default.)

STEP 2
Switch the OFF/Wired Hold to Pair ON to turn on the Headphones. Put your headphones into PAIRING mode by switching the OFF/Wired Hold to Pair ON to "HOLD TO PAIR" and holding for 2 seconds until the LED flashes red & blue.
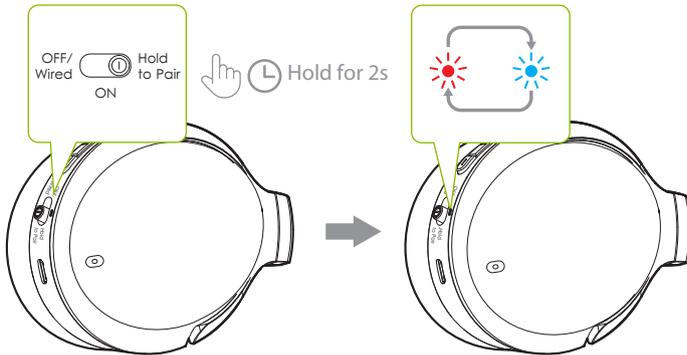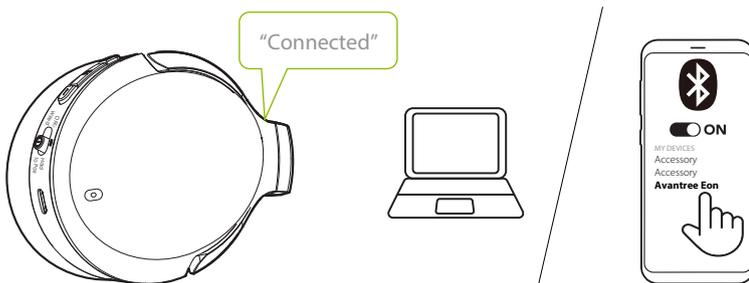

STEP 3
Turn on your device's Bluetooth and select "Avantree Eon" in the Bluetooth menu.

STEP 4

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.

"Connected"

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/Wired ON Hold to Pair switch to "HOLD TO PAIR" once, or by selecting "Avantree Eon" in your device's Bluetooth menu.
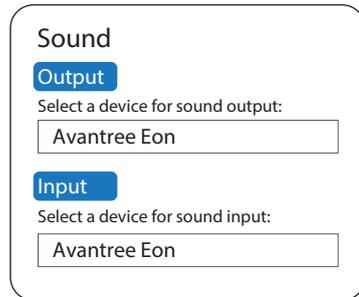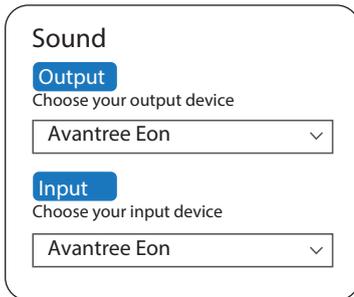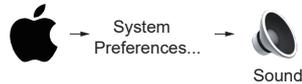
Configuring Audio Settings (only for PC)

You may need to configure your audio settings when using the Eon with your PC or laptop.

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.

⊞ → ⚙ → 💻 → 🔊
         Settings   System   Sound

🍎 → System Preferences... → 🔊
                              Sound

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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Activity → Settings → 🎧 **Devices**
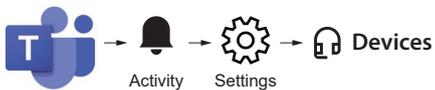
Audio devices

Avantree Eon ⌄

Speaker

Avantree Eon (Hands Free) ⌄

Microphone

Avantree Eon (Hands Free) ⌄

zoom → Settings → ∩ **Audio**

Speaker [Test Speaker]   Avantree Eon (Hands Free)

Microphone [Test Mic]   Avantree Eon (Hands Free)

Discord → Settings →

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."

Use as Wired Headphones
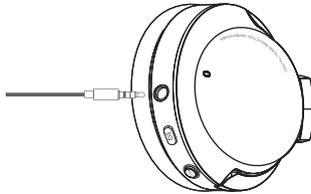
STEP 1
Slide the OFF/ Wired ⊙ Hold to Pair switch to "OFF / Wired."

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STEP 2

Simply 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.

Use Sky Eon on an Airplane

Connecting the Transmitter to an Audio Source

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Plug the transmitter into an in-flight entertainment system (use the adapter if necessary) or any other audio source that has an AUX 3.5mm audio connector.
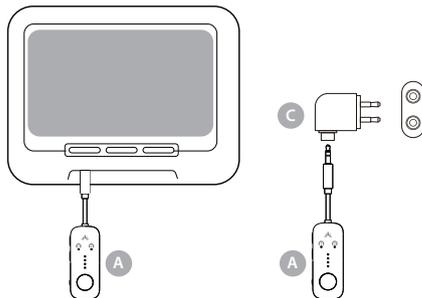
Connecting the Headphones to Transmitter

STEP 1
Switch the ON ◯ OFF to turn on the Transmitter.

STEP 2
Switch the OFF/Wired ◉ Hold to Pair / ON to turn on the Headphones.
Ensure your headphones are not paired with any other device. Wait for 5 ~ 10 seconds, until the indicator on the transmitter turns solid blue. They're connected automatically.

If not, you can manually re-connect by pressing the Transmitter's MFB once.
If they still don't connect, you may need to re-pair your devices. Put your Transmitter into PAIRING mode by pressing & holding the MFB until the LED flashes blue and red alternately. Put your Headphones into PAIRING mode by switching the OFF/Wired ◉ Hold to Pair / ON to "Hold to Pair" and holding for 2 seconds until the LED flashes red & blue alternately. Once connected, the indicator on the transmitter will turn solid blue.

NOTE: If you paired your Headphones with a different Bluetooth device, turn Bluetooth OFF on said device(s). The headphones may be connecting to that device instead of the Relay transmitter.

Connecting a 2nd Pair of Headphones to Transmitter

STEP 1
Once the Eon headphones are successfully connected, put your Transmitter into PAIRING mode by pressing & holding the MFB until the 2 LED flashes blue and red alternately.

STEP 2
Put your second pair of Bluetooth headphones into PAIRING mode. Please refer to your headphones' user manual for more details if necessary.

STEP 3
Keep the Transmitter & your second device close together and wait for 5-10s until they connect. Once connected, both 1 2 indicators will turn solid blue.

NOTE: The dual headphones mode works with most headphones but not all. Certain true wireless earbuds in particular do not work well with Bluetooth transmitters' dual headphones mode. If you're not getting audio while dual linked, try turning the affected headphones off and then on again.
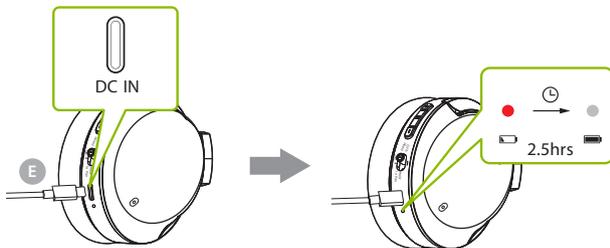
Charging

Charging the Transmitter

Double click the MFB of the Transmitter to check the battery level. It's best to initiate charging when the Relay is at 25% battery level or below.
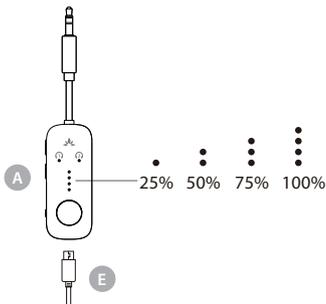
Charging the Headphones

If you hear a "BATTERY LOW" voice prompt and see a flashing red C light, that means it's time to charge them.

Specifications

Transmitter

Bluetooth version	v5.3
Operating range	Up to 33ft / 10m
Bluetooth profiles	AVRCP, A2DP
Supported audio codecs	aptX Low Latency; aptX adaptive; aptX HD, aptX, SBC
Rated input	DC5.0V / 500Ma-2A
Product dimensions	125mmx24mmx12mm
Net weight	15g

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Headphones

Bluetooth version	v5.0
Supported audio codecs	AAC, SBC
Bluetooth 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
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
Rated input	DC5.0V / 500Ma-2A
Power port	Type C

FAQ

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

Can I use the transmitter with the GYM machine?
Yes, it can be used on any audio devices with AUX 3.5mm output, even with a treadmill or TV.

Why is the microphone not working with my PC?
To troubleshoot microphone issues, test headphones with phone, check computer/app sound settings, and ensure your Eon isn't connected to another device via dual link causing interference.

Why isn't my audio switching between my phone and PC with the dual link feature?
To switch audio between phone and PC with dual link, pause audio/end call on active device, then start audio on the second device after 7-10 seconds. Eon should automatically swap sources.

How to replace the headphones earpads/headband/batteries?
Why aren't my headphones connecting?
Why aren't I getting sound from my headphones?

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For answers to questions like these and for a full FAQ list, you can visit avantalk.com/support/sky-eon, or you can contact us directly for additional assistance.

Contact Us

🎟 **Support Tickets**   avantalk.com/submit-a-ticket

✉ **Support Email**   support@avantalk.com

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❓ **FAQ**   avantalk.com/support/sky-eon

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Watford, WD180 0HQ UK

| EC | REP |

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Model No:ATHT-2100
Dispose of the packaging and this product in
accordance with the latest provisions.

Z-PKQG-ATHT-2100