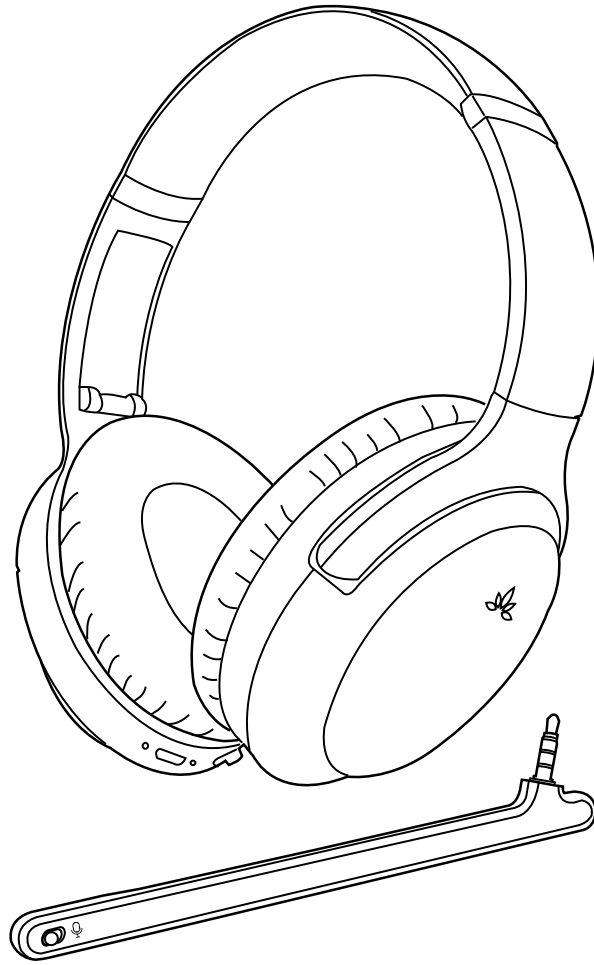


User Manual

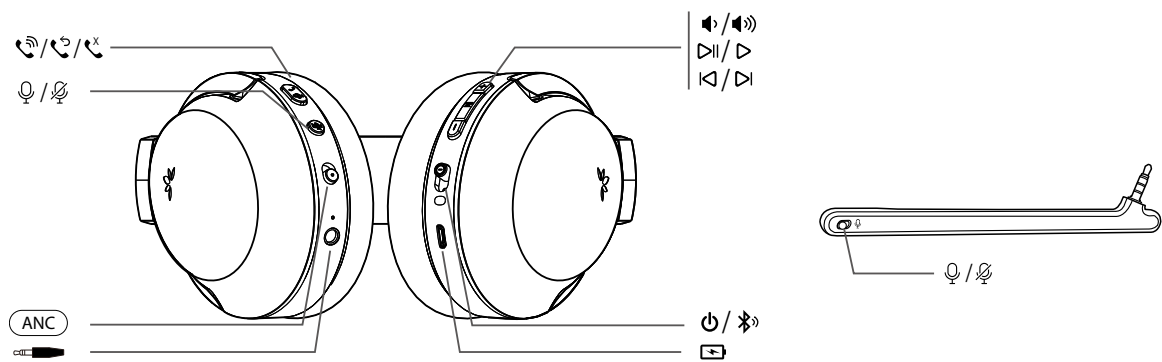
Stereo Wireless ANC Headphones

BTHS-AS90



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Product Overview



Product specification






- Bluetooth version: V4.1
- Support profiles: HFP, HSP, A2DP, AVRCP
- Supported audio format(s): SBC, FastStream
- Driver diameter: 40mm
- Impedance: 32ohm
- Frequency response: 20Hz-20KHz
- Effective range: Line of sight approx. 30 ft (10 m)
- Working time: Up to 35 hours music time
- Charging time: approx. 2 hours
- Ear pads inner diameter: 6cm (length)* 3.7cm(width)
- Ear pads outer diameter: 9.5cm (length)* 7.5cm(width)
- Product weight: 230g

Please read this User Guide carefully and keep it handy
For more AS90 product information please see support.avantree.com or search “AS90”
or “Avantree Aria” on www.avantree.com







Basic Operation

General function	
Power On	🔌 * Slide the power switch towards middle
Power Off	🔌 * Slide the power switch towards 🔌
Activate/ deactivate smart voice assistant	Press 🗨 once (wireless connected, non-calling status)
Voice prompts off / on	Press and hold both 🗨 and 🗨 for 1s to deactivate voice prompts



Music Control >

Play / Pause music	Press  once
Volume up / down	Press  /  once
Next / Previous track	Hold  /  for 2s

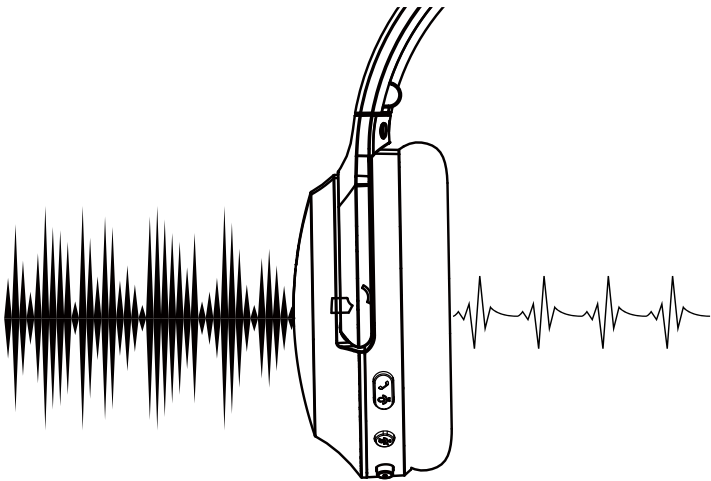
Call Control >



Answer / End a call	Press  once
Reject a call	Hold  for 2s with a call coming-in
Last number redial	Press  twice
Mic mute on / off	On the headset - Press  once during an active call On boom mic –Mute on  / Mute off 

LED indicator

Working Status	LED indicator
ANC ON	ANC indicator* shows GREEN • ANC 
ANC OFF	ANC indicator* turns OFF ANC 
Pairing Mode	Blinks BLUE & RED alternately
Connected	Blinks BLUE once every 5s
Reconnecting	Blinks BLUE once every 1s
Disconnected	Blinks BLUE once every 2s
Low battery	Blinks RED once every 10s
Play audio in SBC Codec	Blinks BLUE once every 5s

Activate noise cancellation (ANC)



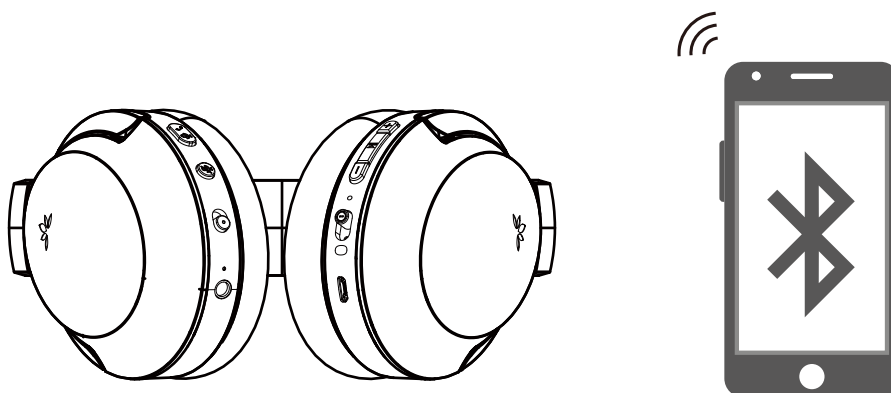
After power ON, slide ANC switch to “ANC”  to activate the ANC function. The ANC LED light will turn **GREEN**. Slide ANC switch opposite to “ANC”  to deactivate ANC function, the ANC LED will turn off.



Note:

- You will NOT be able to use the ANC function when the headphones’ battery is low.

- If you want to use the ANC function in wired mode, please power ON the headphones first.

Connect to a Bluetooth device



- Enter headphones into PAIRING MODE - Slide the power switch to  position  and hold for 3s until the LED flashes **BLUE** and **RED** alternately.
- On your mobile device – Turn on Bluetooth and select “**Avantree AS90**” to connect. If you are using a Bluetooth transmitter, please enter your transmitter into PAIRING MODE (please refer to your transmitter’s user manual).

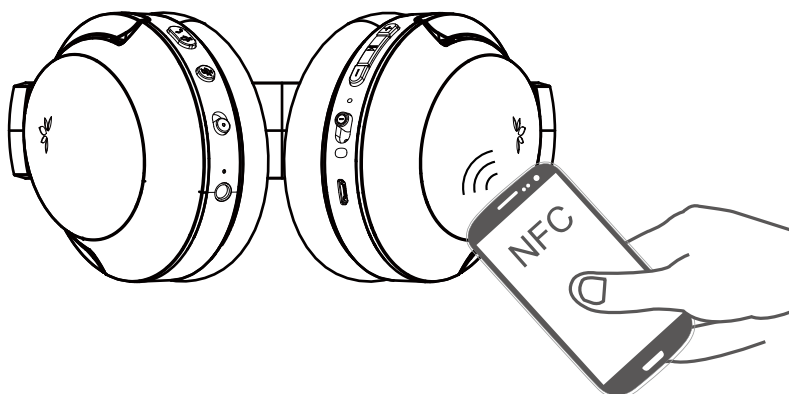
Reconnect to Bluetooth device

Normally, once powered on, the headphones will reconnect to the last connected device automatically within 5-10 seconds.

If it doesn't, please slide the Power Switch to  position **ONCE** ,

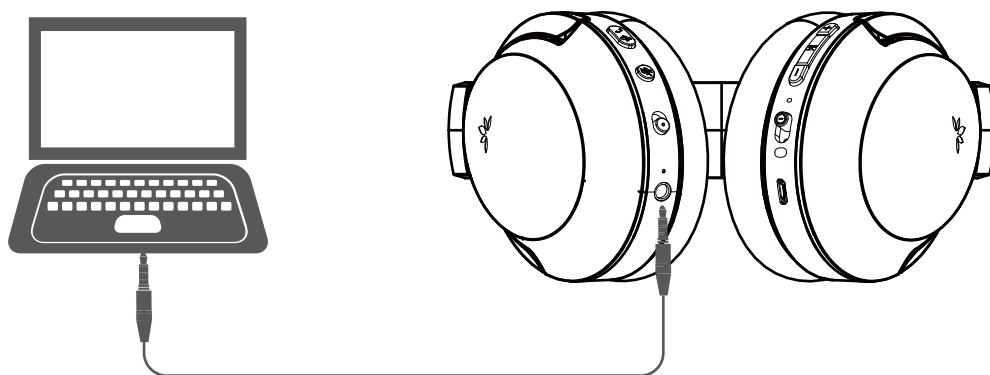
OR select “Avantree AS90” from your device to connect manually. (If you're using a Bluetooth transmitter, please refer its user manual to reconnect)

One-touch connection (NFC)



- Turn on the NFC function on your Android smartphone (Android 4.1 or later) and ensure that the screen is active and unlocked.
- Power on the headset, keep touching the smart phone with the headphones "N" Mark until the smart phone reacts.
- Follow the on-screen instructions to complete the pairing and connection. When the headset has been connected to the smart phone, you'll hear voice prompt "connected."

Using as a wired headphone

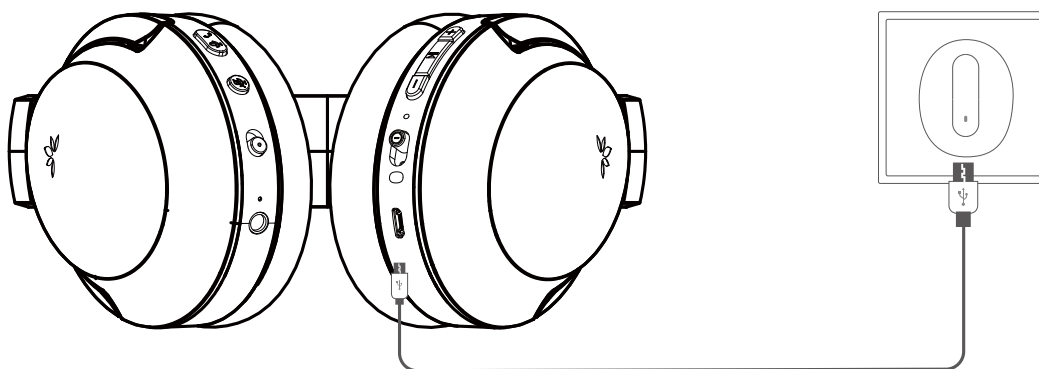


You may use the supplied 3.5mm audio cable to connect to a non-Bluetooth device.

Note: The control buttons, the built-in mic, and the detachable boom mic DOES NOT work in wired mode.

Note: If you wish to use the ANC function in wired mode, please turn on the headphones first.



Charging



When the LED starts blinking **RED** once every 10s, or when you hear "beep" / prompts sound, you should recharge your headphones. Please plug it into a USB wall charger (DC 5V / 0.5-2A) or a powered USB port via the micro USB cable that we provided.

Normally it takes 2 hours to fully recharge. The LED indicator on the headphones will remain RED while charging and automatically turn o when the charging is complete.

Clear the headphones pairing history

Turn on the headset (Non-calling Status.) Press and hold both  and  for 5 seconds until the LED blinks **PINK** for 2 seconds. Now the pairing history has been cleared. The headphones will enter PAIRING MODE automatically (LED blinks **Blue** and **Red** alternately) and you'll be able to pair it with the target Bluetooth device again.

Troubleshooting

No sound with PC?

- Set Avantree AS90 as the default device or output device on the PC.
- When using AS90 to make VOIP calls through apps, please set AS90 Hands-Free as Microphone and Speakers device.

No sound with Bluetooth transmitter when watching TV?

- Ensure Bluetooth transmitter and headphones are connected properly.
- Check to ensure audio source is functioning properly
 - AUX & RCA output on TV – test with wired headphones
 - OPT output on TV – Set audio format to “PCM/LPCM” or turnoff Dolby/DTS
- Change your TV audio out setting to “External speakers /Headset.”

Headphones do not pair with Bluetooth device?

- Ensure that the AS90 is in Pairing mode – LED flashing **BLUE** and **RED** alternately.
- For Bluetooth transmitters, please ensure that the transmitter is in Pairing mode – you may refer to its user manual.
- For Smart phones, tablets and PC
- Turn the Bluetooth off and then on again.
- Delete “Avantree AS90” headphones from your device’s Bluetooth list and try to pair again.
- Clear the headphone’s pairing history and pair again.