

编号: Z-PKMN-3189-BLK-V4  
 材质: 封面封底105G双铜 + 四色双面印刷  
 内页臻品上质80G高白纸, 2个骑马钉  
 size: 135x 191mm 共20P



## User Manual

Wireless Transmitter and Headphones Set  
Avantree HT3189



[www.avantree.com](http://www.avantree.com)

**Any questions? Contact:**  
**Support@avantree.com**  
 (Response Time: 4-24h, excl. holidays)

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**Self-service Support:**

- 100+ Step by step video Guide – [youtube.com/avantree/playlists](https://youtube.com/avantree/playlists)
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## IMPORTANT NOTICE

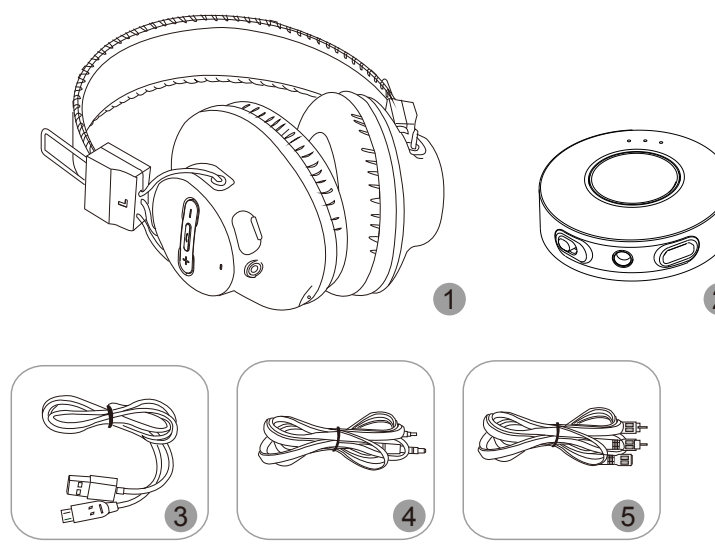
### This set is **PRE-PAIRED**, **NO NEED TO pair again.**

### They will auto-reconnect each time.

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### 1. What's in the box

- Bluetooth Headphones (BTHS-AS9(S))
- Bluetooth Transmitter (BTTC-318)
- Micro USB Data/charging Cable X 2
- 3.5mm Audio Cable
- 3.5mm Female to RCA Male Cable
- Quick User Guide
- User Manual
- Frequently Asked Questions
- Contact Card



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### 2. Product Overview

#### Bluetooth Transmitter

- LED indicator
- ON / OFF
- 3.5mm audio jack
- 3M sticker
- Multi-function button(MFB)
- USB in / charging socket
- Magnetic base

#### Bluetooth Headphones

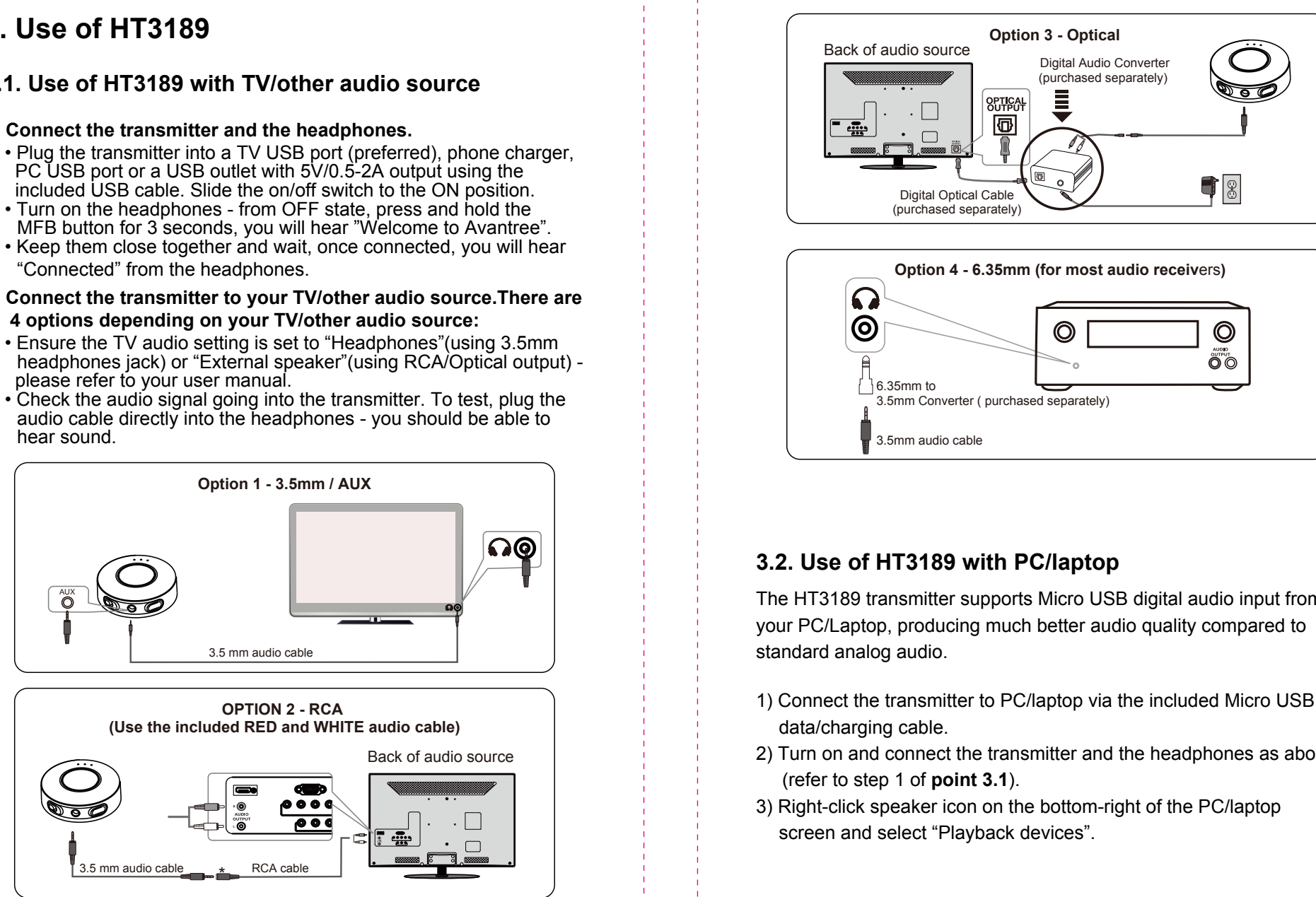
- Volume down / Previous track
- Multi-function button(MFB)
- Volume Up / Next track
- Indicator light
- 3.5mm audio socket
- Microphone
- Charging Port

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### 3. Use of HT3189

#### 3.1. Use of HT3189 with TV/other audio source

- Connect the transmitter and the headphones.**
  - Plug the transmitter into a TV USB port (preferred), phone charger, PC USB port or a USB outlet with 5V/0.5-2A output using the included USB cable. Slide the on/off switch to the ON position.
  - Turn on the headphones - from OFF state, press and hold the MFB button for 3 seconds, you will hear "Welcome to Avantree".
  - Keep them close together and wait, once connected, you will hear "Connected" from the headphones.
- Connect the transmitter to your TV/other audio source. There are 4 options depending on your TV/other audio source:**
  - Ensure the TV audio setting is set to "Headphones" (using 3.5mm headphones jack) or "External speaker" (using RCA/Optical output) - please refer to your user manual.
  - Check the audio signal going into the transmitter. To test, plug the audio cable directly into the headphones - you should be able to hear sound.



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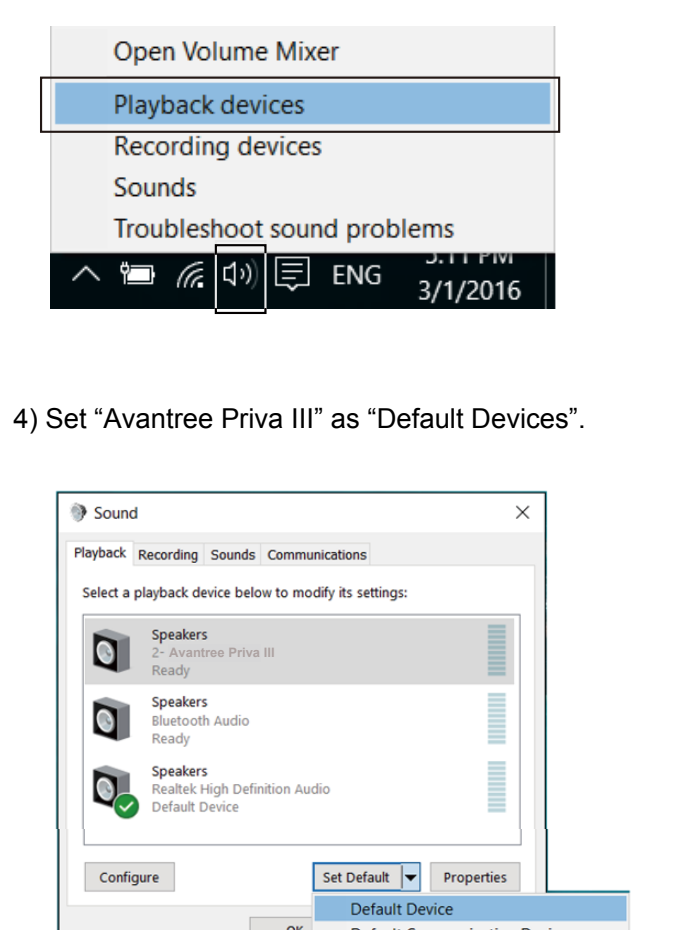
#### 3.2. Use of HT3189 with PC/laptop

The HT3189 transmitter supports Micro USB digital audio input from your PC/Laptop, producing much better audio quality compared to standard analog audio.

- Connect the transmitter to PC/laptop via the included Micro USB data/charging cable.
- Turn on and connect the transmitter and the headphones as above (refer to step 1 of point 3.1).
- Right-click speaker icon on the bottom-right of the PC/laptop screen and select "Playback devices".

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#### 4. Set "Avantree Priva III" as "Default Devices".



**Notes:**

- If a Skype call comes in while listening to music, the volume will be automatically turned down for the duration of the call.
- For the Skype audio settings, please select "Avantree Priva III" for both **Speakers** and **Microphone**.

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#### 3.3. Use of HT3189 with a 2nd headphones

- Connect the transmitter to the TV. Turn on the HT3189 headphones and transmitter - they will connect automatically (please refer to point 3.1.1).
- Manually enter the transmitter into PAIRING MODE - Press and hold the MFB button for 5 seconds until the LED flashes **RED** and **BLUE** alternately.
- Place your 2nd set of headphones into Bluetooth PAIRING MODE (please refer to your user manual).
- Keep the devices close to each other and wait. Once connected, the LED on the transmitter will flash once or twice per 5 seconds (LED status indicator please refer to point 4.3).

**Notes:**

- The connecting cable must have both DATA SYNC and charging capabilities.
- When used with a desk top computer, it is highly recommended that you use a USB port on the rear of computer as they tend to supply a more consistent voltage.

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#### 3.4. Re-connection

Each time the HT3189 headphones and transmitter are turned on, they should auto-reconnect. If not, turn off and on BOTH the transmitter and headphones, they will then auto reconnect to each other. For the 2nd pair of headphones, it will also auto-reconnect to the transmitter. If not, you will need to repair them again. (Please see point 3.3)

#### 3.5. Fast Stream codec

The HT3189 uses the Fast Stream codec which significantly reduces audio lag producing a smooth, high quality and synchronized user experience - ideal for watching TV/movies/videos and gaming.

Audio delay using different codecs:

| Codec                                   | Audio delay                              |
|---|--|
| aptX Low Latency (aptX LL)              | ≤40ms, undetectable by human ears        |
| aptX                                    | ≤130ms                                   |
| <b>FastStream (FS)</b>                  | <b>≤40ms, undetectable by human ears</b> |
| AAC (Advanced audio coding)             | ≈120ms                                   |
| The most standard Bluetooth codec (SBC) | ≈220ms                                   |

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### 4. Standalone Use of the Transmitter

#### 4.1. Use of the transmitter with other Bluetooth headphones

- Ensure the HT3189 headphones are turned off.
- Enter the transmitter into PAIRING MODE manually - from its OFF state press and hold the MFB for 5 seconds until LED flashes **RED** and **BLUE** alternately.
- Enter your own headphones into PAIRING MODE - please refer to your user manual.
- Keep the devices close to each other and wait. Once connected, the LED on the transmitter will flash once or twice per 5 seconds (LED status indicator please refer to point 4.3).

**Notes:**

- If your headphones do not support the aptX LL or FastStream codec, you may experience an audio delay when watching video content.
- The next time you want to use your headphones, turn them on and they should auto reconnect to the transmitter (the HT3189 headphones should be off). If they do not auto-connect then please pair them again as above.

#### 4.2. Basic operation of the transmitter

| Function             | Component     | Operation  |
|----------------------|---------------|--|
| Power on/off         | On/off switch | Slide on/off switch to "on" or "off" position.   |
| Enter pairing mode   | MFB           | After turning on, press and hold MFB for 5 seconds until LED flashes <b>RED</b> and <b>BLUE</b> alternately. |
| Clear paired history | MFB           | From pairing mode, press and hold MFB for 5 seconds until <b>BLUE</b> LED is on for 2 seconds.               |

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#### 4.3. LED indicators of the transmitter

| Status                               | LEDs indication                                  |
|--------------------------------------|--|
| Power On                             | <b>BLUE</b> LED is on for 1 second               |
| Power Off                            | <b>RED</b> LED is on for 1 second                |
| Pairing mode                         | <b>RED</b> and <b>BLUE</b> LED flash alternately |
| Disconnected                         | <b>BLUE</b> LED flashes once every 2 seconds     |
| Connected using the SBC codec        | <b>BLUE</b> LED flashes once every 5 seconds     |
| Connected using the FastStream codec | <b>BLUE</b> LED flashes twice every 5 seconds    |
| Connected using the aptX codec       | <b>WHITE</b> LED flashes once every 5 seconds    |
| Connected using the aptX LL codec    | <b>WHITE</b> LED flashes twice every 5 seconds   |

### 5. Standalone Use of the Headphones

#### 5.1. Use of the headphones with smart phone/tablet

- Ensure the transmitter is off.
- Enter the headphones into PAIRING MODE - from its OFF state, press and hold the MFB for 5 seconds until the LED flashes **RED** and **BLUE** alternately, and you hear "Pairing" from the headphones.
- Turn on Bluetooth on your smart phone/tablet. Find & select "AS9S" to pair and connect.

**Notes:**

The next time you want to use your headphones in this way you will need to select "AS9S" on your smart phone/tablet to reconnect.

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#### 5.2. Basic operation of the headphones

| Function             | Component | Operation   |
|----------------------|-----------|---|
| Power on             |           | From off status, press and hold MFB for 3 seconds until the <b>BLUE</b> LED is on for 1 second and you hear "Welcome to Avantree".                        |
| Power off            |           | Press and hold MFB for 5 seconds until the <b>RED</b> LED is on for 2 seconds and you hear "Goodbye".   |
| Enter pairing mode   | MFB       | From the off state, press and hold the MFB for 5 seconds until LED flashes <b>RED</b> and <b>BLUE</b> alternately and you hear "Pairing".                 |
| Answer/end a call    |           | Press MFB once  |
| Reject a call        |           | Press and hold MFB for 1 second   |
| Redial last number   |           | Double click MFB  |
| Play/Pause music     |           | Press "+" once  |
| Next Track           |           | Press and hold "+" for 1 second   |
| Volume down          | +         | Press "-" once  |
| Previous Track       | -         | Press and hold "-" for 1 second   |
| Clear paired history | + & -     | From "disconnected" state, press and hold "+" and "-" for 10 seconds until both <b>RED</b> and <b>BLUE</b> LED are on for 2 seconds (looks <b>PINK</b> ). |
| Voice dial           |           | Click "+" and "-" once simultaneously   |

**Notes:**

- Not all phones support full function control from the headphones.
- Some functions may not work with the included transmitter e.g. answer/end/reject a call, redial last number, voice dial and etc.

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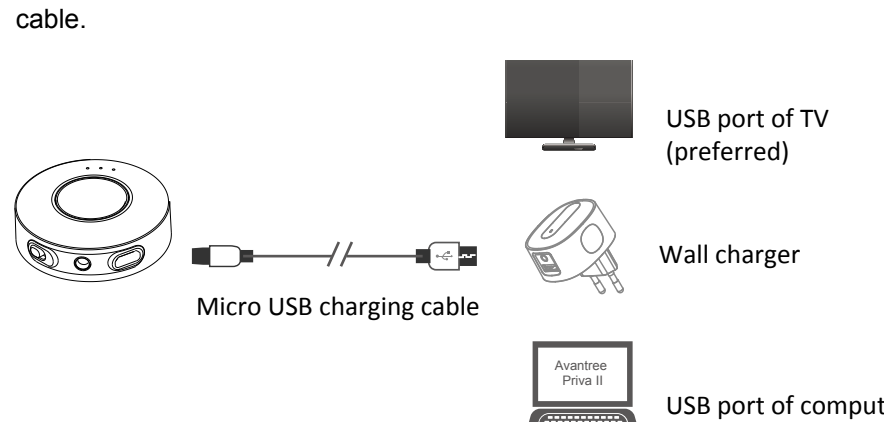
#### 5.3. LED indicators & voice prompts of the headphones

| Status               | LEDs indication                                    | Voice prompt        |
|----------------------|--|---------------------|
| Power on             | <b>BLUE</b> LED is on for 1 second                 | Welcome to Avantree |
| Power off            | <b>RED</b> LED is on for 2 seconds                 | Good bye            |
| Pairing mode         | <b>RED</b> and <b>BLUE</b> LED flashes alternately | Pairing             |
| Connected            | <b>BLUE</b> LED flashes twice per 5 seconds        | Connected           |
| Disconnected         | <b>BLUE</b> LED flashes once per 2 seconds         | NA                  |
| Charging             | <b>RED</b> LED on                                  | NA                  |
| Charging is complete | <b>RED</b> LED off                                 | NA                  |
| Low battery          | <b>RED</b> LED flashes                             | Low battery         |

### 6. Powering transmitter/charging headphones

#### 6.1. Powering the transmitter

Plug the transmitter into a TV USB port (preferred), phone charger, PC USB port or a USB outlet with 5V/0.5-2A output using the included USB cable.



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#### 6.2. Charging the headphones

If you hear the "low battery" voice prompt from the headphones, please charge it as soon as possible. Charge using a phone charger, PC USB, TV USB or any other USB outlet with 5V/500mA-2A using the included USB cable.

It takes about 3.5 hours to fully charge the headphones. The LED will turn **RED** during charging and turn off once charging is complete.

### 7. Clear Paired History

If you are experiencing unexpected issues such as short work range, audio cut in and out, not pairing, etc. you may need to clear the paired history of the HT3189 headphones and transmitter.

#### 7.1. Clear paired history of the transmitter

- After turning on, press and hold MFB for 5 seconds until LED flashes **RED** and **BLUE** alternately.
- Press and hold the MFB for 5 seconds until **BLUE** LED is on for 2 seconds. This clears all of the paired history of the transmitter except for the HT3189 headphones. Transmitter will then automatically enter pairing mode with the LED flashing **RED** and **BLUE** alternately.

#### 7.2. Clear paired history of the headphones

After **TURNING ON**, press and hold "+" and "-" for 10 seconds until the **RED** and **BLUE** LEDs are **BOTH** on for 2 seconds (looks **PINK**), now all paired history of the headphones is cleared. It will then enter pairing mode automatically with the LED flashing **RED** and **BLUE** alternately.

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### 8. Product Specifications

#### 8.1. Bluetooth transmitter

- Model No.: BTTC-318
- Bluetooth version: V4.2
- Supported profiles: A2DP
- Audio codec: aptX-LL, aptX, FastStream, SBC
- Operating Range: Class 1, Up to 100FT/30M
- Product size: 48mm (L) x 48mm (W) x 15mm (H)
- Weight: Body approx. 16g, Base approx. 7g

#### 8.2. Bluetooth headphone

- Model No.: BTHS-AS9(S)
- Bluetooth version: V4.1
- Supported profiles: headset, handsfree, A2DP, AVRCP
- Audio codec: Fast stream, SBC
- Operation range: Class 2, 30 FT/10M
- Working time: up to 40hours music time and 20 days standby time
- Driver size: 40mm
- Impedance: 32 ohm
- Frequency Response 20Hz-20KHz
- Headset size: 200mm x 180mm X 80mm
- Ear pad inner diameter: 6.3cm (length) 4cm (width)
- Ear pad Outer diameter: 10cm (length) 8.5cm (width)
- Headset weight: 200g

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### 9. Declaration of Conformity

This device complies with the essential requirements and other relevant provisions of Directive 1999/5/EC. This device complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**NOTE:**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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FCC ID: 2A1TF-BTTC-318  
 FCC ID: WJ5-AS9

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body. Use only the supplied antenna.

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More FAQs on [support.avantree.com](http://support.avantree.com)  
 Video user guide: Search "Avantree HT3189" on Youtube.com  
 Telephone support refer to <http://www.avantree.com/contact-us>  
 Email support: [support@avantree.com](mailto:support@avantree.com)

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