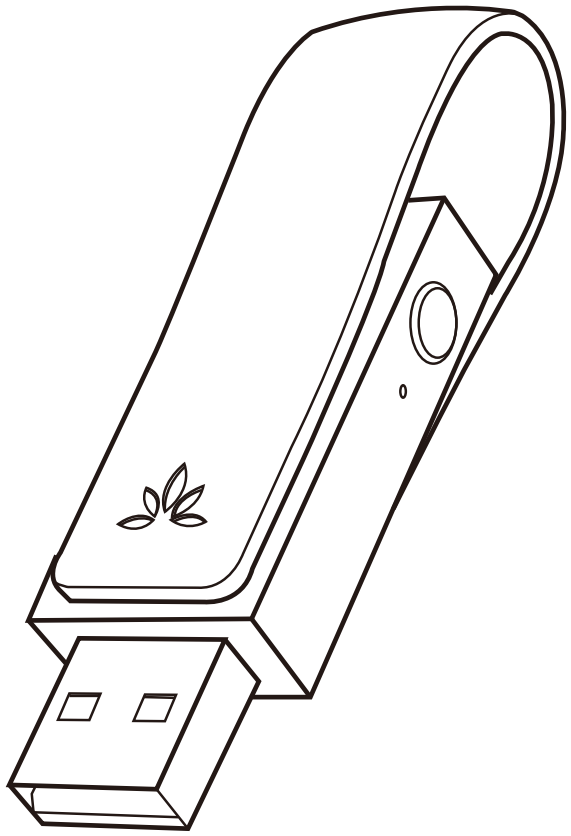
Avantree®
For a Better Experience

User Manual

USB Bluetooth Audio Transmitter

BTDG-50



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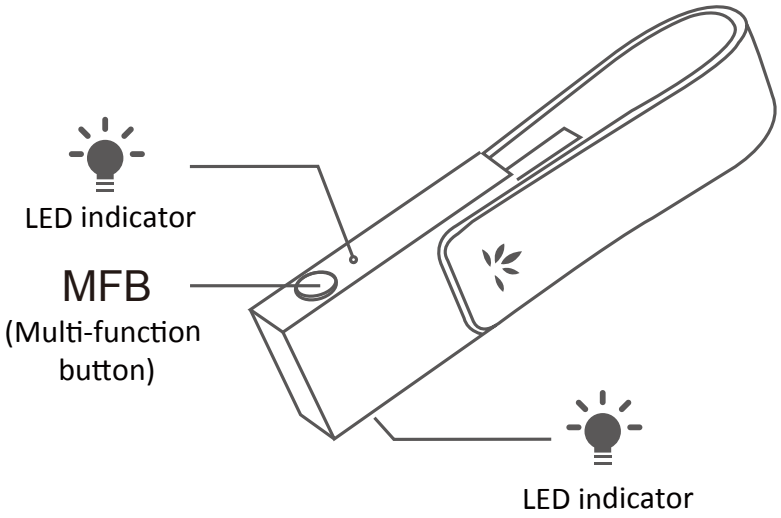
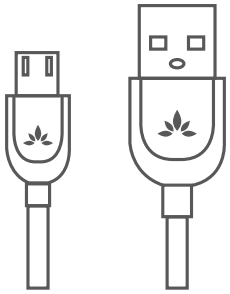
Product Overview





Includes a USB extending cable (1 Meter)

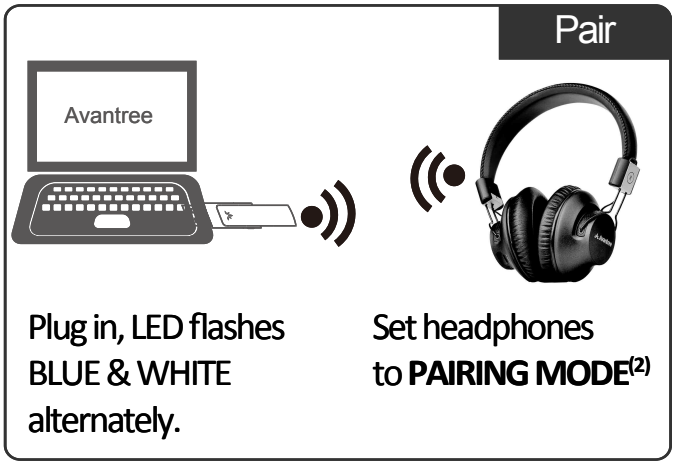
	FUNCTIONS
MFB	Set leaf to pairing mode – Hold MFB for 2 seconds until LED rapidly alternates **BLUE** and **WHITE**
	Manually reconnect – Press MFB once
	Make a VOIP call – Double click MFB enable TALK MODE, LED illuminates white (Once the call has finished, double click MFB again to return to music streaming)
	Reset leaf – In pairing mode, double click MFB until LED flashes **BLUE** and WHITE together for 2 seconds

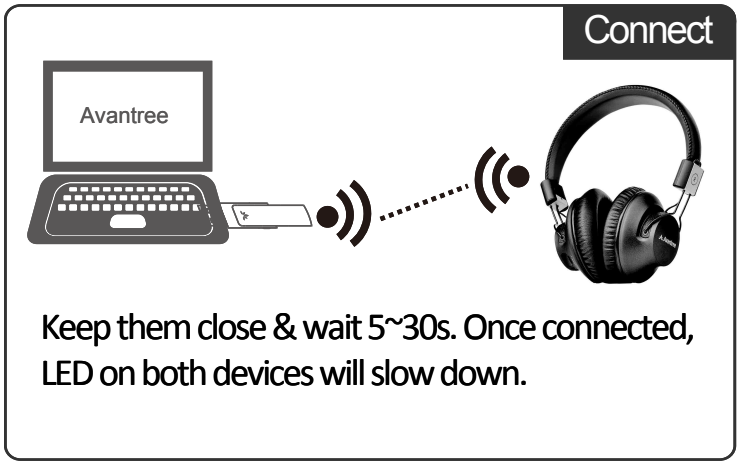
User Tips

1) This is a USB audio transmitter used to Bluetooth-enable your PC/PS4/Nintendo Switch. It cannot be used for TVs or car stereo systems to stream music from your mobile phone/tablet.
2) This will not work for transferring data from/to your mobile phone from your PC. Peripherals which also work by transferring data will not work - products such as Bluetooth keyboard / mouse, game controllers, printers, projectors and other BLE (Bluetooth Low Energy) devices.
3) To get better operational range, please don't hang leaf behind the computer. We suggest using Avantree headphones to get the best Bluetooth stability and range. An unclean USB port can result in a crackly/static-like sound. Carefully clean the port, either using a nylon anti-static ESD brushes, or changing to another cleaner port should fix the problem.

Pair and connect to Bluetooth headphone/receiver

Step 1: The first time you plug leaf into computer USB port, the PC will install drivers* automatically.
Step 2: Set Leaf to **PAIRING MODE** – The first time the leaf is used it will auto enter pairing mode, LED flashes **BLUE** and **WHITE** alternately, if it doesn't, please hold MFB for 3 seconds.
Step 3: Set your headphones/receiver to **PAIRING MODE***. Keep the devices in close proximity to each other and wait until the LEDs indicating pairing has completed.





***Driver:** Software will be installed automatically each time Leaf is inserted into different USB ports of PC/laptop. This will not happen on subsequent connections.

***PAIRING MODE:** Discoverable mode, LED flashes very quickly or flashes two colors alternately.

Reconnection: Usually once you turn on your headphones/receiver; it will automatically reconnect to leaf. Otherwise, please try to press the MFB once on the Leaf to reconnect them

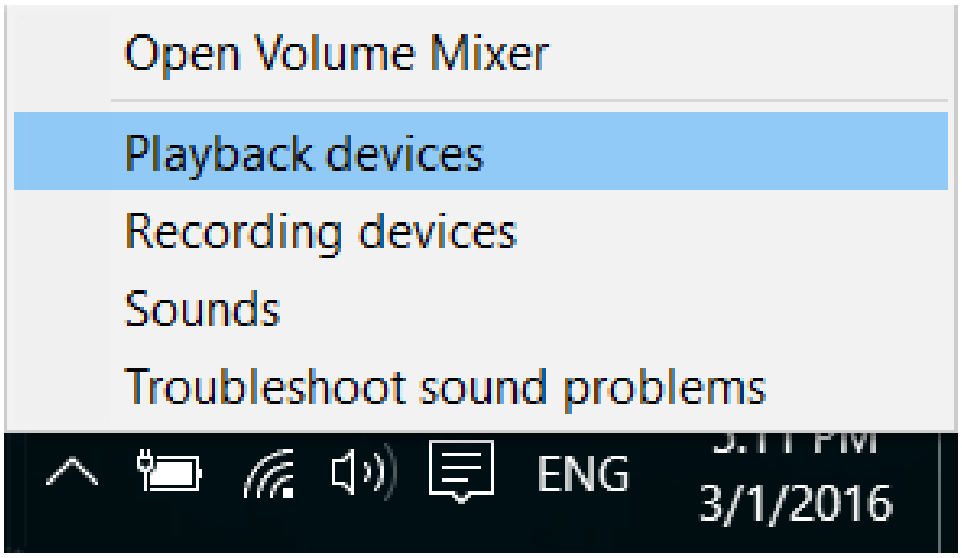
LED indications

Status	LED indicaator
Pairing mode	LEDs blink **BLUE** and **WHITE** alternately
Connected with SBC codec	LED flashes **BLUE** twice every 5 seconds
Connected with aptX codec	LED flashes **WHITE** once every 5 seconds
Connected with aptX-LL codec	LED flashes **WHITE** once every 5 seconds
Disconnected	LED flashes **BLUE** once every 5 seconds
Restored factory default settings	LED flashes **BLUE** & **WHITE** together for 2 second
Call mode	LED keeps on **WHITE**

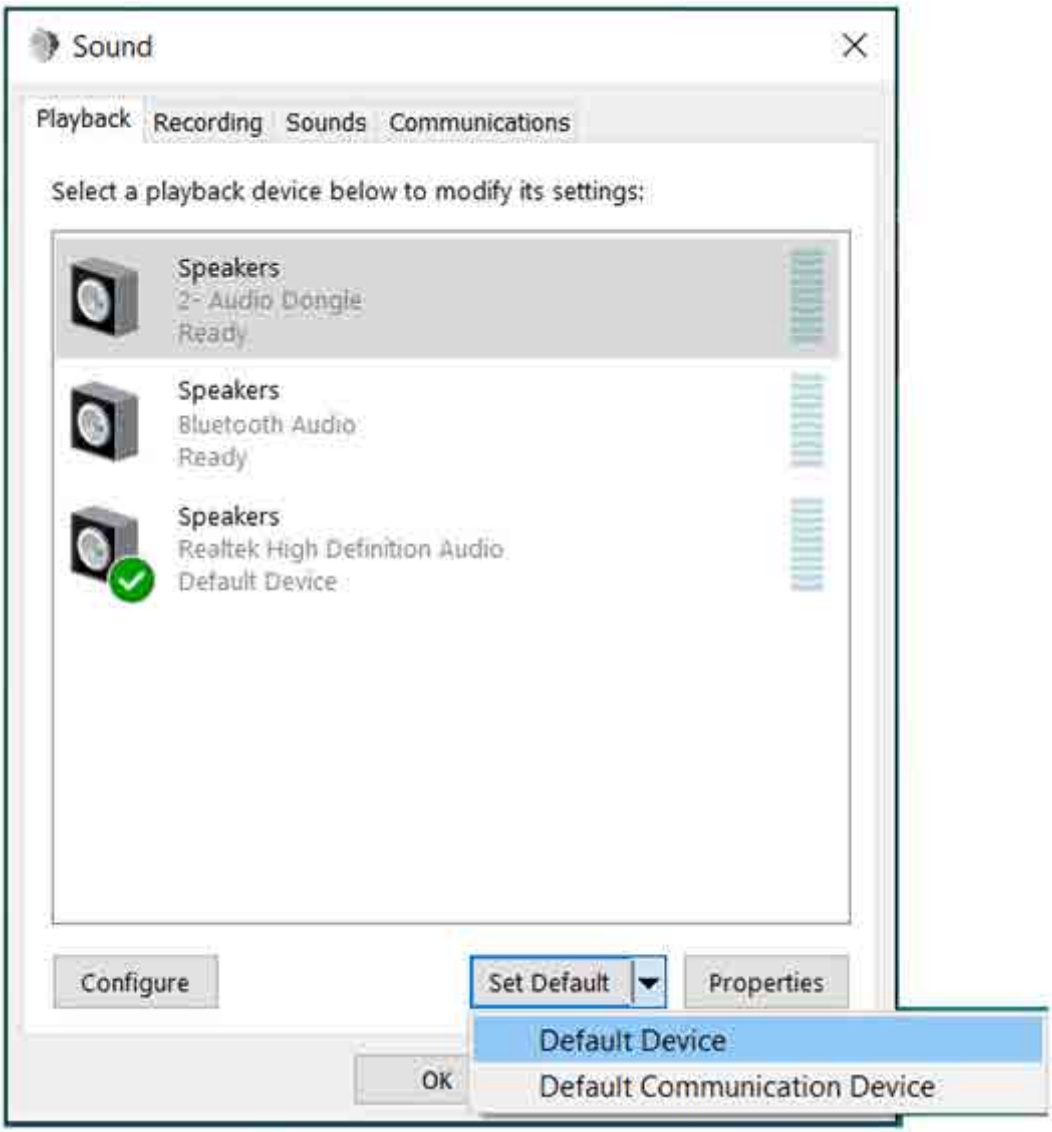
How to stream music?

Ensure Your Bluetooth headphones and leaf are connected. And then **set leaf as default playback device** on computer.

Step 1: Right-click the speaker icon on right-corner of screen. And select “Playback devices”.



Step 2: Set “Avantree Leaf” as “Default Device”.

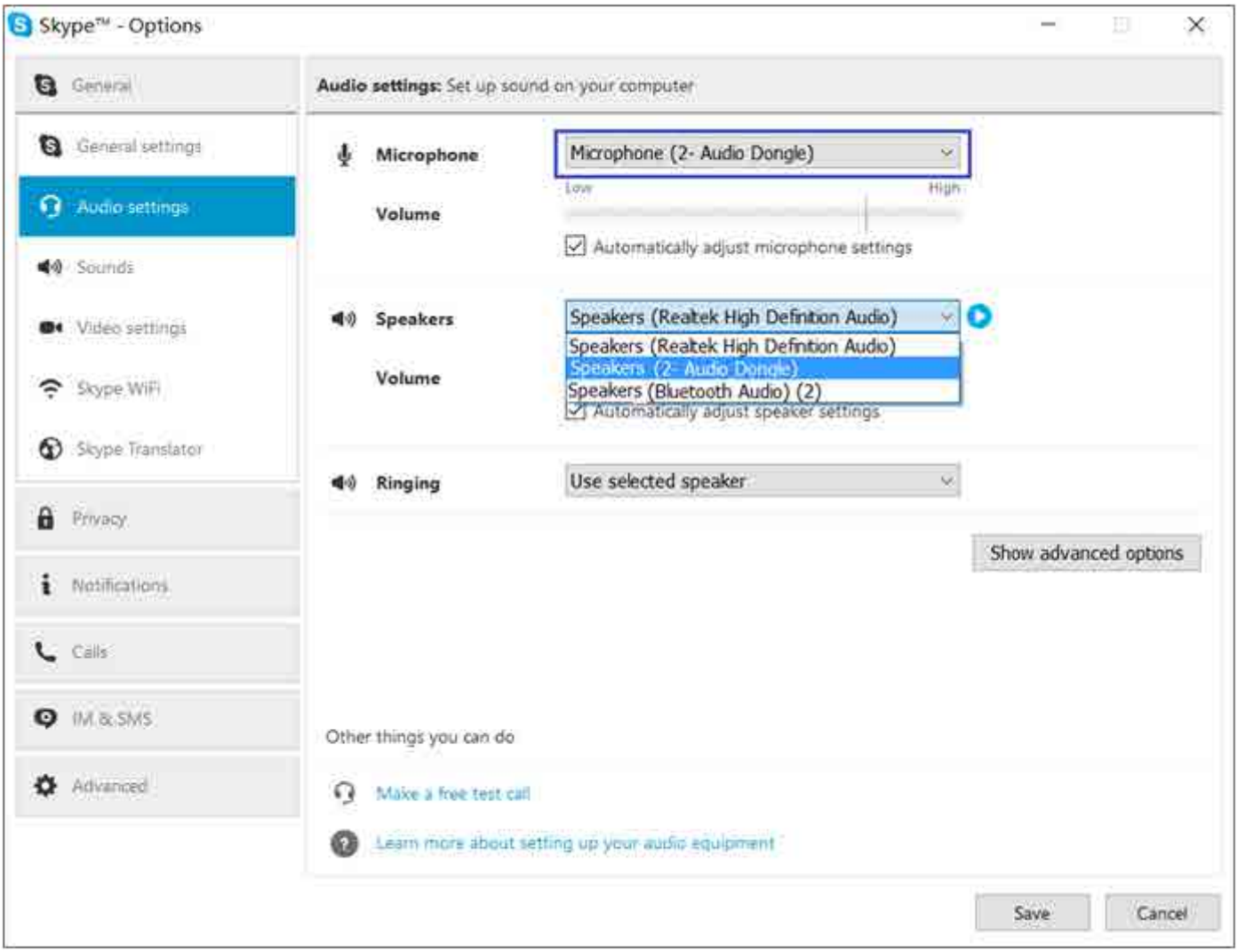


you can streaming music or watching movie.

How to make a VOIP call?

Ensure Your Bluetooth headphones and leaf are connected.

Step 1: Switch leaf to **CALL MODE** – double click the **MFB**, the **WHITE** LED should remain lit.
Step 2: Open the Skype or other APP audio settings, and select “**Avantree Leaf**” as current microphone and speaker device.



Now you can make a VOIP call.

Note: Once call ended, please double click the MFB again to switch leaf back to MUSIC MODE.

Restore Factory Default Settings

You may need to reset leaf if it is not working as expected. When leaf is reset to factory default settings, all the paired device information will be erased.

Step 1: Set leaf to PAIRING MODE – press and hold MFB for 2 seconds until the LED flashes **BLUE** and **WHITE** alternately quickly.

Step 2: Double click the MFB, the **BLUE** and **WHITE** LEDs are both on for 2 seconds. Then leaf will automatically enter pairing mode.

Product Specifications

· Bluetooth version: 4.1
· Bluetooth profile: A2DP, HFP, HSP, AVRCP
· Audio codec: aptX-LL, aptX, Fast stream, SBC
· Operating range: Up to 20 meters in open area without any obstruction
· Product weight: approx. 10g
· Product size: 66(L) x 18mm(W) x 15mm(H)

Troubleshooting

1) Why is the Leaf not working / being recognized by my PC ?
   · When the Leaf is plugged into a PC USB port, it should be recognized as a USB sound card/USB speaker. NO BLUETOOTH icon will appear on the Taskbar. The pairing/connection via Bluetooth is between the Leaf and your headphones/speaker, not the PC.
   · After it's plugged in, you can find the "Avantree Leaf" in **Device manager** and in the **Playback settings**.
   · If you see an "unknown device" indicated in Device manager, please try to changing to another computer to test.

2) Why am I getting such poor sound quality in CALL mode?

Reason: In CALL mode, the sound is a MONO, 16kHz bit rate signal (most Bluetooth devices on the market use a lower 8kHz bit rate signal). When in MUSIC mode, the sound switches to STEREO signal with a 48kHz bit rate. The higher bit rate of the STEREO signal means the sound quality in MUSIC mode is much better. Note that most Bluetooth devices will not allow you to listen to music when talking or during a call e.g. a mobile phone, computer, etc

Solution: Only the FastStream (FS) codec supports both music and high quality voice simultaneously. The Leaf supports FS and the simultaneous quality voice and music feature if used with an FS compatible headphone (e.g. the Avantree HS063, Avantree ANC032, ANC031). Alternatively the DG59 transmitter with headphones is an FS set which can also address the poor sound quality issue and also supports simultaneous voice and music while gaming.

3) Why is my microphone not working?

Reason: The Leaf isn't set to CALL mode

Solution: Ensure your Bluetooth headphones and Leaf are connected. Then DOUBLE CLICK the MFB to switch the Leaf to CALL MODE. During call mode the LED will turn WHITE.
For Windows users, please check that the speaker and microphone audio settings are set to "default" in your VOIP program and also in Windows' playback devices .

4) Why can't I pair with my devices?

Reason: Most often this is because either the Leaf or your Bluetooth device does not stay in its pairing mode.
Solution:

- Turn off the Bluetooth function on your mobile, PC or any other previously paired device to prevent them interfering during the pairing process.
- Ensure the Leaf is in **PAIRING MODE** - long press the MFB, the LED will flash BLUE and **WHITE** alternately. To enter your other device's pairing mode, please refer to its user manual. In most cases the LED will flash quickly when its in pairing mode.
- If these solutions don't work, please RESET BOTH devices (clear their pairing history) by refering to the respective user manuals and try to pair them again.

More video user guide for leaf on Youtube.com
Telephone support: booking from Avantree.com
More FAQs and instructions on support.avantree.com
Email support: support@avantree.com