

HearLink®

PLUS

User Manual



Model: BT5805A



For more information
visit our Web site
www.WearAndHear.com

Wear & Hear

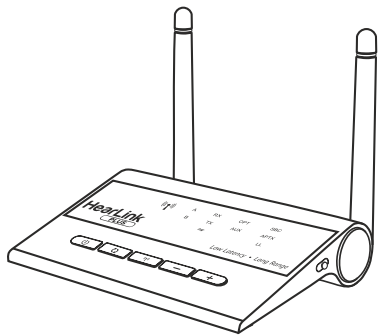
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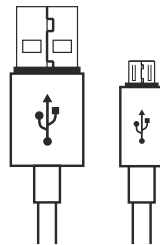
1 Features

- Transmit stereo audio from TV set, computer, or any multimedia device to a wireless Bluetooth headset
- Bypass stereo audio from TV set, computer, or any multimedia device to wired stereo speakers
- Connect wireless Bluetooth media to wired stereo speakers
- Broadcast stereo audio to multiple wireless speakers

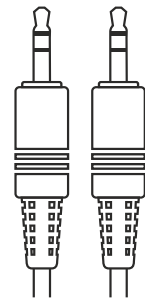
2 Package Contents



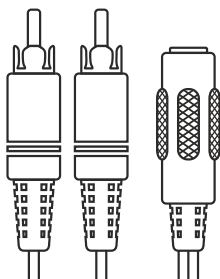
HearLink PLUS
device



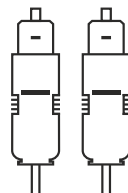
USB power
cable



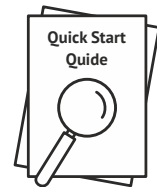
3.5mm stereo
audio cable



RCA-to-3.5mm
adapter

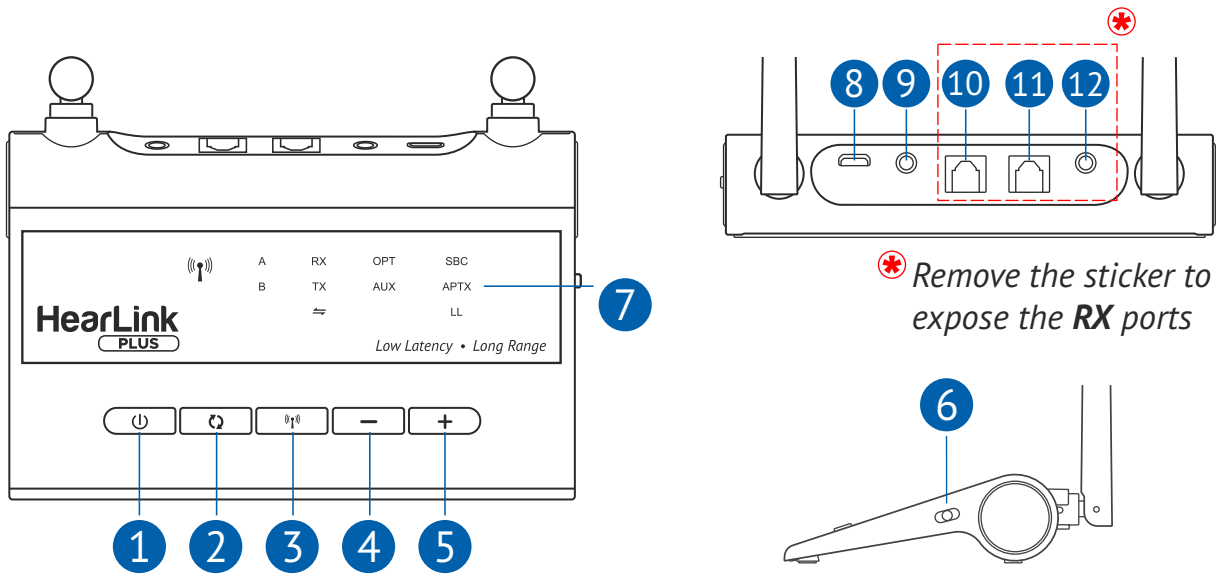








Optical fiber
audio cable



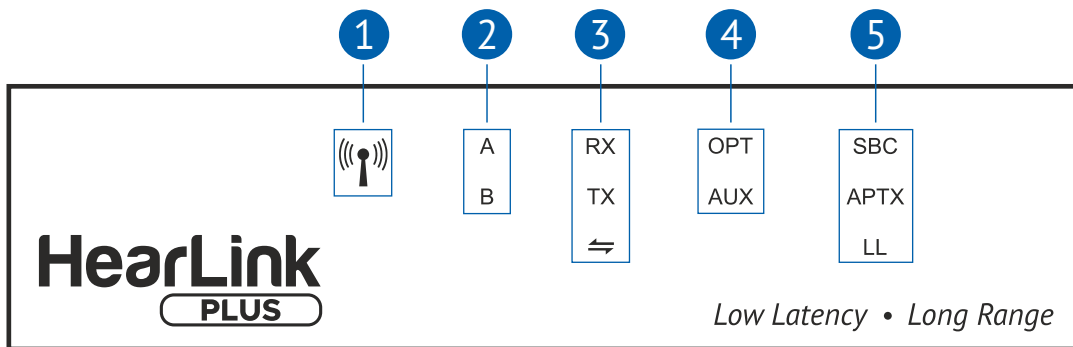
Quick start
guide

3 Device Details



- 1 -  Multi-function button: ON/OFF, Play/Pause
- 2 -  Bluetooth function button
- 3 -  Bluetooth Broadcast Mode button
- 4 -  Previous track/volume down button
- 5 -  Next track/volume up button
- 6 -  Mode switch: Receiver/Transmitter/Bypass
- 7 - LED indicators
- 8 - Micro USB power input
- 9 - AUX stereo input (from TV, Transmitter mode)
- 10 - Optical input (from TV, Transmitter mode)
- 11 - Optical output (to speaker, Receiver mode)
- 12 - AUX stereo output (to speaker, Receiver mode)

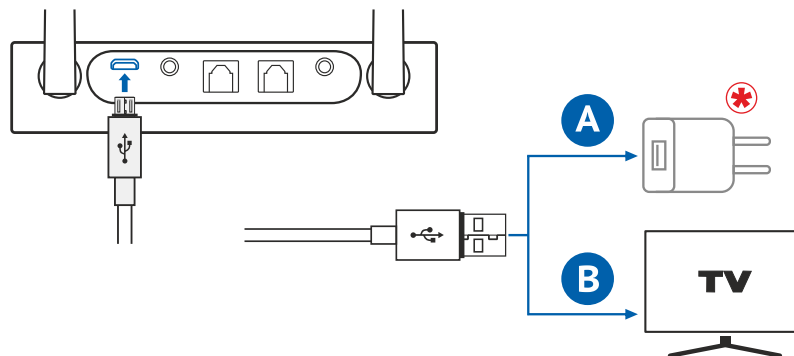
4 LED Indicators



- 1 – Bluetooth Broadcast mode: white – Transmitting, blue – Receiving
- 2 – Connected headsets/smartphones: A – first, B – second
- 3 – Operation mode: RX – Receiver, TX – Transmitter, ⇄ – Bypass
- 4 – Connected cable: OPT – optical fiber, AUX – audio cable
- 5 – Type of connected Bluetooth CODEC: SBC, APTX, LL (low latency)

5 Turn ON/OFF

Connect HearLink PLUS to a power outlet (A) or the TV set's USB port (B) using the supplied USB power cable. HearLink PLUS will turn ON automatically. Unplugging the cable will turn HearLink PLUS OFF.



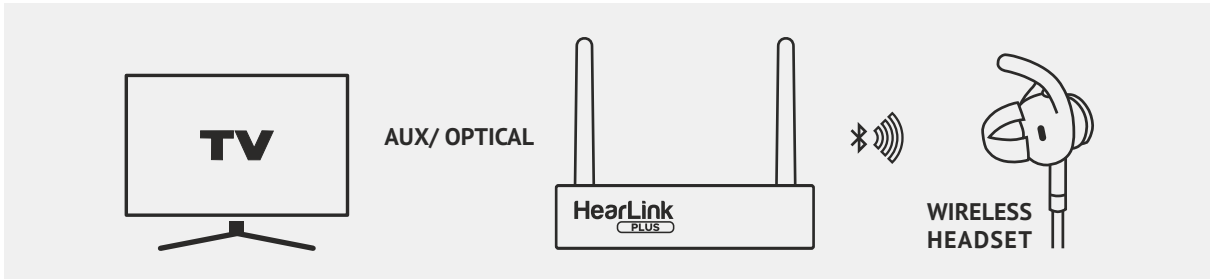
* Purchased separately



Press and hold for 3 sec to turn HearLink PLUS OFF.
Press and hold for 2 sec to turn HearLink PLUS ON.

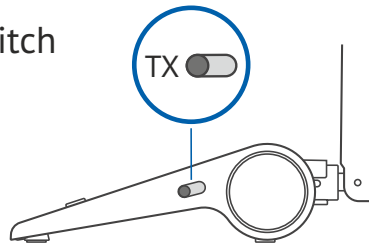
6 Bluetooth Transmitter Mode

In Bluetooth Transmitter mode HearLink PLUS transfers audio from the **TX** input to BeHear (or any other Bluetooth headset). Two headsets can be connected at the same time.

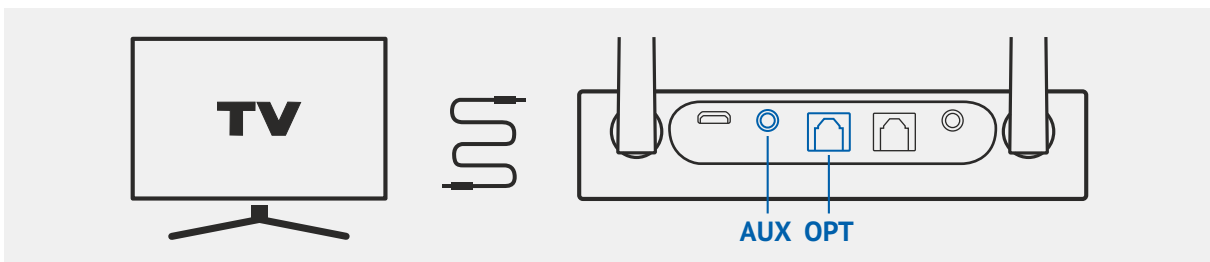


How to Set Up HearLink PLUS

- 1 Ensure that the Mode switch is set to the **TX** position.

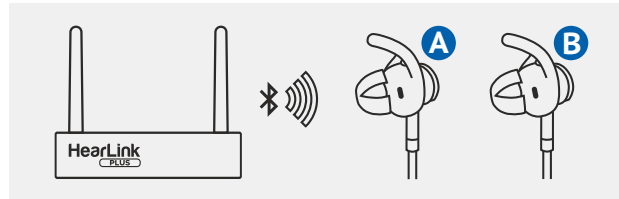


- 2 Connect the HearLink PLUS TX port to the TV (or other multimedia device) via the supplied optical or 3.5mm audio cable. The lit **OPT** or **AUX** indicator shows the connection type.



Short press to place HearLink PLUS into pairing mode. Press and hold for 3 sec to disconnect from a connected headset and enter pairing mode. When in pairing mode, the **TX** indicator light will flash quickly.

- 3 Place the Bluetooth headset into pairing mode and set it down close to the HearLink PLUS device.



- 4 Wait for 5-30 seconds. HearLink PLUS will pair automatically with the Bluetooth headset.

When pairing is complete the **TX** indicator will shine steadily.

The lit **SBC**, **APT-X** or **LL** text indicates which type of Bluetooth CODEC is being used.

The lit **A** and **B** texts indicate which headsets have been connected first and second, respectively.



When powered on HearLink PLUS connects automatically to the last connected headset(s).

Audio Playback



Short press to toggle audio Play/Pause.



Play/Pause can be controlled remotely from the connected BeHear headset.



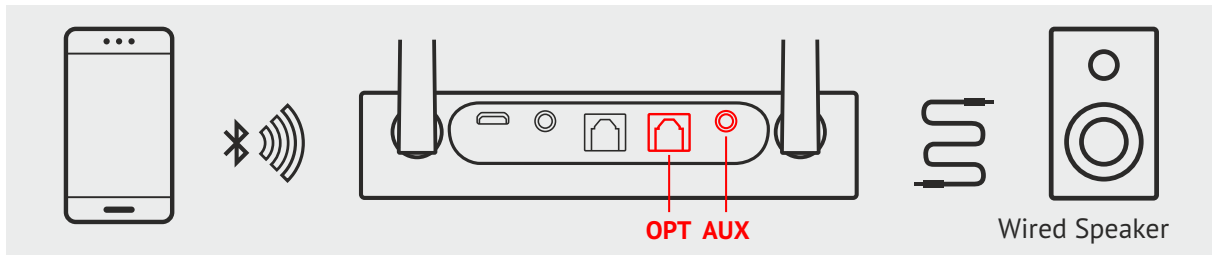
Press to increase the volume. A tone is played when maximum volume is reached.



Press to decrease the volume. A tone is played when minimum volume is reached.

7 Bluetooth Receiver Mode

In Bluetooth Receiver mode HearLink PLUS transfers the audio from the Bluetooth device to the speaker or stereo headphone connected to **RX** output.



Setting Up HearLink PLUS in Receiver Mode

- 1 Set Mode switch to **RX** position.
- 2 Connect HearLink PLUS RX port to non-Bluetooth speaker, stereo system, wired-headphone, etc., via optical or 3.5mm audio cable. The lit **OPT** or **AUX** indicator shows the connection type.
- 3 Enable Bluetooth on the target device (e.g., smartphone). Search for “Hearlink PLUS” and tap to connect. If a password is required, enter 0000.

When pairing is complete the **RX** indicator will shine steadily.

The lit **SBC**, **APT-X** or **LL** text indicates which type of Bluetooth CODEC is being used.

The lit **A** and **B** texts indicate which devices have been connected first and second, respectively.



Short press to place HearLink PLUS into pairing mode.

Press and hold for 3 sec to disconnect from a connected device and enter pairing mode.

When in pairing mode, the **RX** indicator light will flash quickly.



When powered on HearLink PLUS connects automatically to the last connected device.

Audio Playback in Receiver Mode



Short press to toggle audio Play/Pause.



Short press to switch to the next track.

Long press to increase the volume. A tone is played when maximum volume is reached.



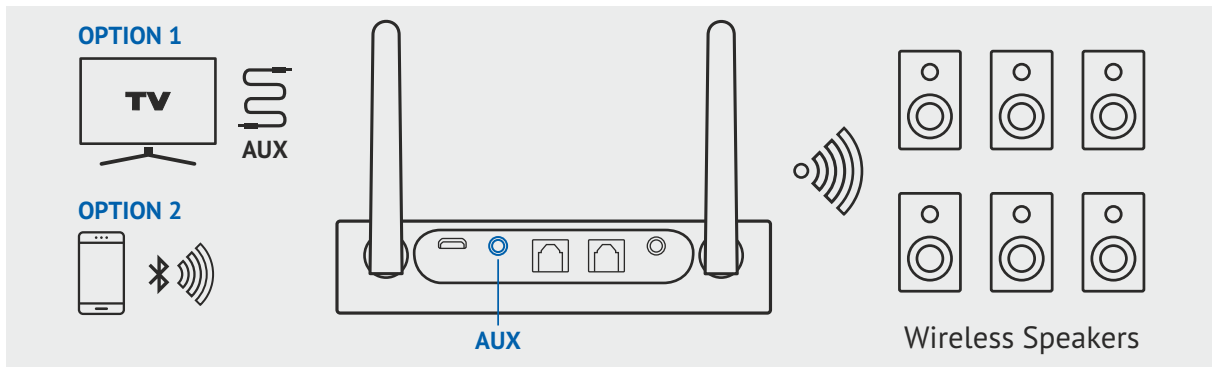
Short press to switch to the previous track.

Long press to decrease the volume. A tone is played when minimum volume is reached.

8 Bluetooth Broadcast Mode

Broadcast Transmission Mode

In Bluetooth Broadcast Transmission mode HearLink PLUS transfers the audio from the **TX** input to multiple Bluetooth broadcast receivers.



Setting Up HearLink PLUS in Transmission Mode


- 1 **Option 1:** Set Mode switch to **Bypass** position.

Connect HearLink PLUS TX port to TV or other multimedia device via 3.5mm audio cable (optical connection is not supported). The **AUX** indicator light will turn on.

- 1 **Option 2:** Set Mode switch to **RX** position.

Connect HearLink PLUS to the smartphone via Bluetooth (see Bluetooth Receiver mode section).

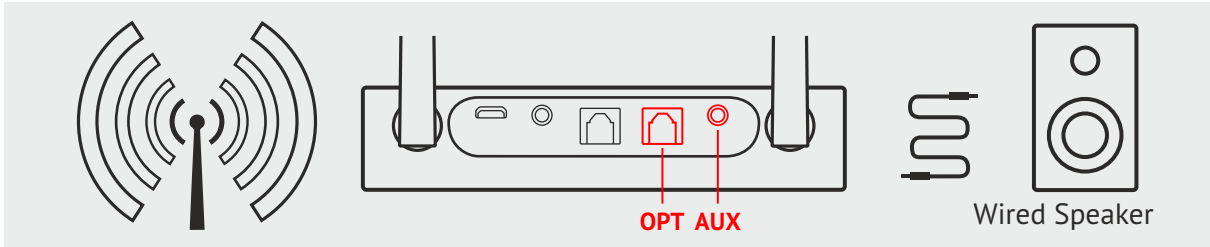


Press and hold for 3 sec to place HearLink PLUS in Broadcast Transmission mode. The  indicator will shine steadily white.

- 2 Bluetooth broadcasting receivers will connect automatically to HearLink PLUS.

Broadcast Receiving Mode


In Bluetooth Broadcast Receiving mode HearLink PLUS transfers the audio from the Bluetooth broadcast transmitter to the speaker or stereo headphone connected to RX output.




Setting Up HearLink PLUS in Receiving Mode

- 1 Set Mode switch to to **RX** position.
- 2 Connect HearLink PLUS RX port to non-Bluetooth speaker, stereo system, wired-headphone, etc., via optical or 3.5mm audio cable. The lit **OPT** or **AUX** indicator shows the connection type.



Short press to place HearLink PLUS in Broadcast Receiving mode. The  blue indicator will blink.

- 3 HearLink PLUS will connect automatically to a nearby active Bluetooth broadcast transmitter. The  blue indicator will shine steadily.

Audio Playback in Broadcast Mode



Short press to toggle audio Play/Pause.



Increase the volume.



Decrease the volume.

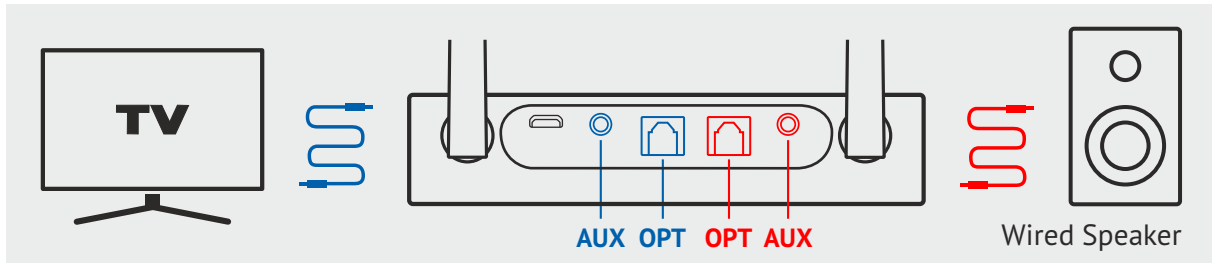
Exit Bluetooth Broadcast Mode




Press and hold for 3 sec to exit Broadcast mode.

9 Bypass Mode

In Bypass mode HearLink PLUS transfers the audio from the **TX** input to the speaker or stereo headphone connected to **RX** output.



Setting Up HearLink PLUS in Bypass Mode

- 1 Set Mode switch to **Bypass** position.
The  indicator will shine steadily in Bypass mode.
- 2 Connect Hearlink PLUS TX port to TV or other multimedia device via optical or 3.5mm audio cable. The lit **OPT** or **AUX** indicator shows connection type.
- 3 Connect Hearlink PLUS RX port to a speaker via the same type of cable as the TX port connection.



AUX-to-AUX or optical-to-optical configurations are supported in Bypass mode.

Audio Playback in Bypass Mode



Short press to toggle audio Play/Pause.



Increase the volume. A tone is played when maximum volume is reached.



Decrease the volume. A tone is played when minimum volume is reached.

10 Clear Pairing List



Press and hold for 8 sec until **TX** or **RX** indicator blinks twice.

11 Automatic Sleep Mode

HearLink PLUS will enter sleep mode automatically when:

- it is not paired with a Bluetooth device within 10 minutes.
- a paired Bluetooth device has been disconnected for more than 10 minutes.

12 Specifications

Bluetooth version	V5.0, Class I
Operating range	Transmitter mode - up to 60m Receiver mode – up to 40m
Supported profiles	A2DP, AVRCP
Supported audio CODECs	aptX-LL, aptX, SBC
Dual stream	HearLink PLUS can connect two Bluetooth headsets simultaneously
Input/output audio	Stereo analog audio, optical fiber digital audio
Power supply	5VDC, micro-USB
Current consumption	Up to 220mA
Operating temperature	-10 to +55°C (14 to 131°F)
Net weight	99 g (3.5 oz.)
Dimensions	127mm x 85mm x 26.3mm (5.00 x 3.35 x 1.05 inches)

FCC Compliance Statement

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

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC ID: 2AM3S-BT5805A

EU Compliance Statement

Alango Technologies Ltd. hereby declares that this wireless device is in compliance with the essential requirements and other relevant provisions of the R&TTE Directive. A copy of the EU Declaration of Conformity is available at www.wearandhear.com/compliance.

European Union – Disposal Information



The symbol above means that according to local laws and regulations your product and/or its battery shall be disposed of separately from household waste. When this product reaches its end of life, take it to a collection point designated by local authorities. The separate collection and recycling of your product and/or its battery at the time of disposal will help conserve natural resources and ensure it is recycled in a manner that protects human health and the environment.