

User Manual

ByDiffer Bluetooth 5.2 Audio Receiver Transmitter

Model: T5

The ByDiffer Bluetooth 5.2 receiver transmitter has the capability to convert non-Bluetooth devices into wireless ones. Utilizing the Qualcomm QCC chip, it ensures minimal distortion, low power usage, low latency, high fidelity, and stereo capabilities. In Bluetooth receiver mode, it allows the simultaneous connection of two cellphones, while in Bluetooth transmitter mode, it supports the simultaneous connection of two Bluetooth earphones.

Please scan the QR code provided to view the instructional video for the operation. Alternatively, you can search for the operation video on Youtube by using the term "[bydiffer transmitter]".

Please keep in mind to double-click the power button before connecting new Bluetooth earphones (in TX mode) or new cellphones (in RX mode). Additionally, ensure to clear the pairing history of your Bluetooth earphones if necessary.



Contact Information:

Feel free to reach out to our customer service team via email with any inquiries.

Official Email: support@bydif.com.

Q&A:

No response on power	<ul style="list-style-type: none">· Toggle the TX-RX switch and long press the power button again.· Charge for more than 5 minutes.
Can't play	<ul style="list-style-type: none">· Make sure the connected device is working properly.· Make sure you have done the necessary settings on devices like TV.· Make sure the audio interface is plugged in properly.· Make sure the Bluetooth transmitter receiver is connected to your desired devices instead of other devices of other people or neighbors.· Double click power button to reconnect
Can't charge	<ul style="list-style-type: none">· Disconnect the charging cable and plug it in again.· Consider changing to a different charger.
Cannot Connect to the second earphones	<p>· Clearing the pairing history of your earphones first then power off the earphones and then power it on. Double click the power button to let the transmitter enter into pairing status.</p>

Product Parameter:



1. Audio interface of 3.5mm.
2. Crafted from flexible and pliable TPE material, allowing it to bend to the left or right and easily return to a straight position when released. Specifically designed for compact spaces like wall-mounted televisions and home sound systems attached to walls.
3. Power Button:
 - 3-1. Power on/off with a 3-second long press. (TX Mode activates with a green light, RX Mode with a blue light)
 - 3-2. Single click for play/pause (applicable only in RX mode).
 - 3-3. Double click within 0.5 seconds to establish a connection with the second device.
4. Slide switch for TX/RX Mode: Green light for transmitter mode, blue light for receiver mode.
5. LED indicator light: Red light remains illuminated during the charging process; when fully charged, the red light extinguishes.
6. Charging port is a 5V Type-C

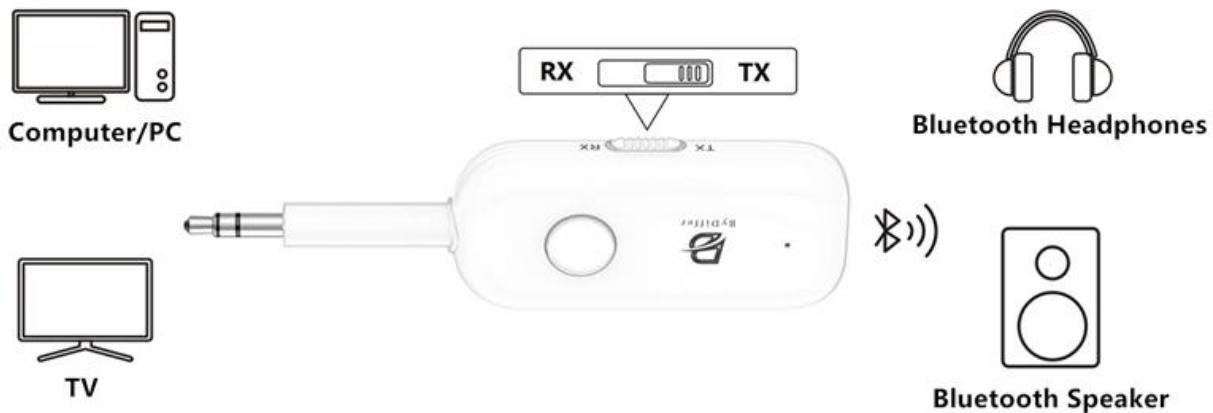
Specifications:

Bluetooth version	5.2
Charging port	5V Type-C
Battery capacity	280mAh
Transmission distance	10m Max
Charging time	about 1.5 hours
Working time	10hours(TX) /8 hours(RX)
Audio interface	3.5mm
Automatic shutdown time	5 minutes without any connection or operation
Automatic connection	the paired Bluetooth device after powering on
Bluetooth support	APTX, APTX-LL, APTX-HD, APTX-AD, SBC, AAC codec
APTX low latency	only TX mode supported
Battery type	polymer Lithium-Ion battery
Frequency range	2400MHz-2483.5MHz
Bluetooth profile	A2DP/AVRCP/HSP/HFP
Frequency response	20 Hz-20 kHz
Compatible system	Windows/macOS/Linux/Android
Low voltage alarm	the red light flashes

Operation Guidance:

Transmitter mode(TX)

The Bluetooth transmitter is inserted into non-Bluetooth devices such as airplanes, TVs, computers, or gaming consoles to enable Bluetooth functionality, allowing them to connect with Bluetooth headphones, speakers, or soundbars.



TX Mode Connection Steps:

1. Set the switch to "TX" mode, then press and hold the power button for 3 seconds to activate.
2. Double-click the power button (green and red lights alternate flashing).
3. Power on your earphones and wait for an automatic connection (a continuous light indicates a successful connection). **Note: Some earphones may require opening the earphone case lid, pressing the button on the earphone case to clear pairing history, closing the lid, and reopening the lid.**
4. **Repeat steps 2 and 3 to connect a second pair of earphones. If no sound, please wait 10-30 seconds.**
5. Press and hold the power button for 3 seconds to power off.

Light indicator of Codec in TX mode:

Always blue: SBC

Always orange: AAC

Always cyan: Aptx

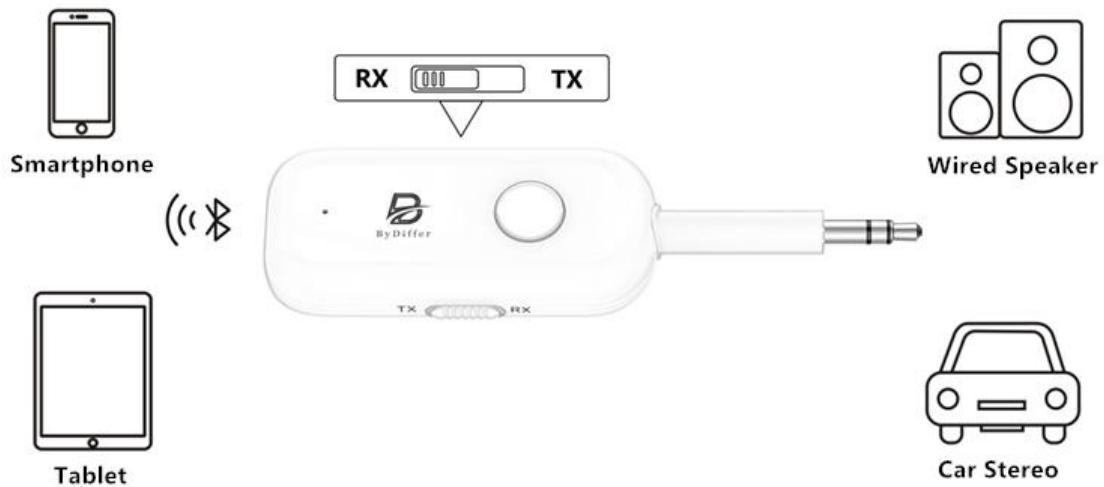
Always white: Aptx LL

Always green: Aptx HD

Always purple: Aptx AD

Receiver mode(RX)

The Bluetooth receiver is inserted into a non-Bluetooth stereo system (car stereo, speaker, amplifier) to receive audio from a Bluetooth-enabled smartphone, tablet, or computer.



RX Mode Connection Steps:

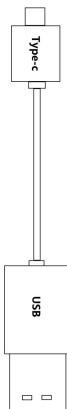
1. Set the switch to "RX" mode, then press and hold the power button for 3 seconds to activate the Bluetooth 5.2 receiver transmitter.
2. Double-click the power button (blue and red lights alternate flashing).
3. Enable Bluetooth on your initial device (smartphone, tablet, laptop).
4. Locate "T5" in the list of Bluetooth devices and click to connect (continuous light indicates a successful connection).
5. Repeat steps 2, 3, and 4 to connect the second phone.

Note: While two cellphones can remain connected simultaneously, only one cellphone's music can be played at a time. Pausing music on one cellphone allows the other cellphone's music to play with no further action needed.

Package Included:



1X Bluetooth 5.2 receiver transmitter



1X 0.3m USB to Type-C charging cable



1X User manual

FCC Warning Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. 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.

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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.