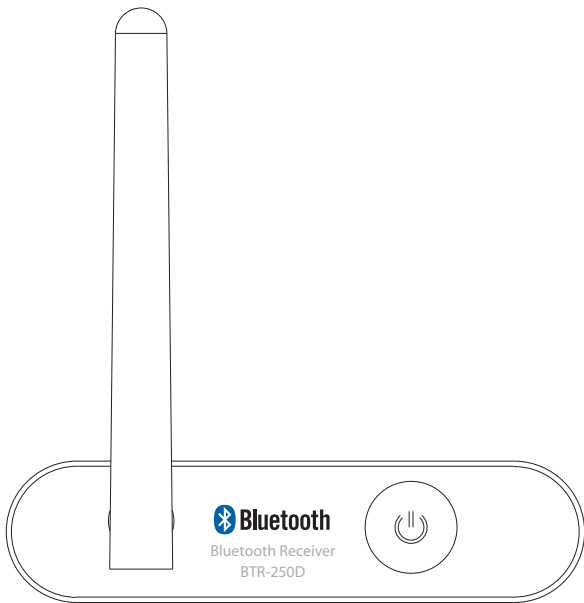




BTR-250D Bluetooth Receiver



For Warranty Information, Visit:
www.outlawaudio.com/products/btr250d

User Guide

Congratulations on your purchase of the Outlaw Audio BTR-250D Bluetooth Receiver!

Please take a few moments to read this user guide and all safety instructions before proceeding. The answers to most setup and performance questions can be found in this guide.

In the Box

- 1) Bluetooth Receiver
- 2) Stereo RCA to Stereo RCA Cable
- 3) 5V Power Adapter
- 4) USB-mirco to USB-A Cable
- 5) Microfiber Bag
- 6) User Guide

Overview

Connect this Bluetooth receiver to a receiver or preamp in order to wirelessly stream content from any Bluetooth enabled transmitter. This receiver is a high fidelity component that uses Qualcomm® aptX™ audio, AAC streaming codecs, and an audiophile grade DAC to allow for all the conveniences of Bluetooth without sacrificing performance.

Unlike most Bluetooth receivers, this receiver provides extended range, superior SNR, superior output voltage, and an optical output.

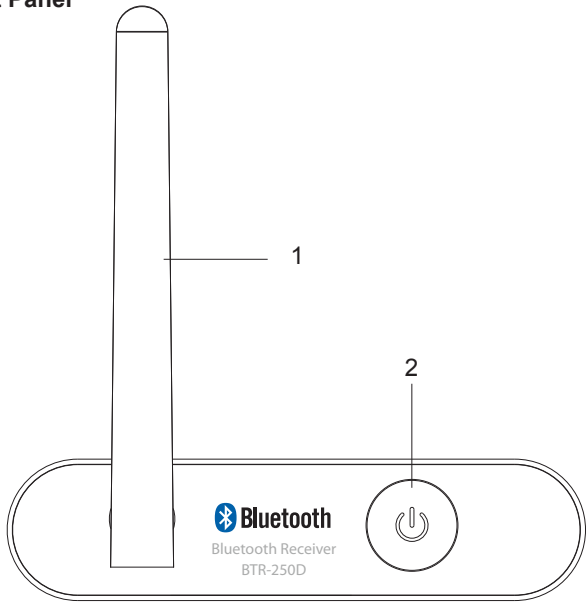
Qualcomm aptX is a product of Qualcomm Technologies, Inc. and/or its subsidiaries.

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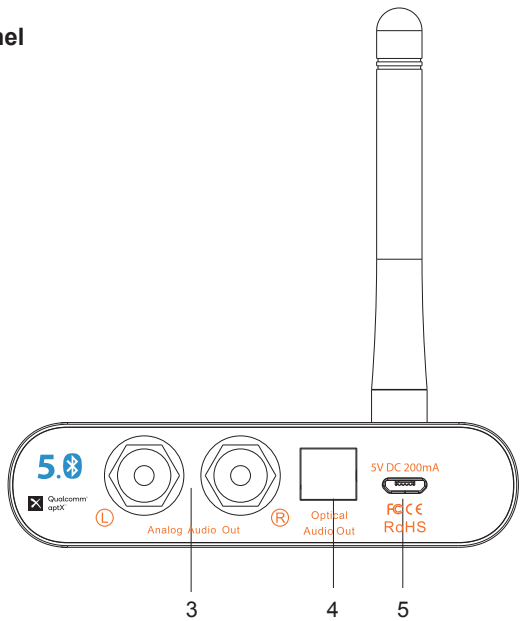
Key Parts

- 1) Antenna
- 2) Power / Pair button
- 3) Analog audio output
- 4) Toslink optical output
- 5) DC power input

Front Panel



Rear Panel



Quick Setup

The following instructions will help you connect this receiver to your music system, as well as pair with your tablet, smart-phone, or computer.

Step 1: Connect either a Stereo RCA or Digital Optical audio cable from this receiver's rear panel to your music system's audio input.

Step 2: Connect the power adapter to the BTR via the included USB cable and plug the power adapter into an AC outlet.

The receiver will automatically go into pair mode. The LED light will start flashing to indicate the unit is now ready to be paired.

Step 3: Turn ON Bluetooth on your transmitter and go to Bluetooth preferences.

Step 4: Scan listed Bluetooth devices and select “**BTR-250D**” to pair and connect. The LED indicator should turn solid.

Step 5: Make sure your Hi-Fi audio system is turned on and the proper input source is selected.

Step 6: The music on your smart device will now play through your audio system!

Repeat Steps 3 to 6 to add additional devices. The receiver can connect to one smart device at a time, but is capable of remember ing up to 8 devices. Press and hold the Power /Pair button until the indicator starts flashing once to disconnect the receiver from a paired device and put it back into pairing mode.

Note: The BTR will stay in pairing mode for 2 minutes; after 2 minutes the BTR will go into standby. To put the BTR back into pairing mode, simply press the Power/Pair button once.

How to power ON/OFF the receiver without unplugging:

To power off: Press and hold the Power/Pair button for about 2-3 seconds until the indicator no longer illuminates.
To Power on: Simple press the Power / Pair button once.

How to Clear the pairing list:

Turn the Bluetooth receiver off, then press and hold the Power/Pair button for roughly 10 seconds until the LED flashes blue once.

Troubleshooting

The receiver is connected but the LED indicator does not light up.

Confirm that the power adapter is connected to the receiver with the included USB cable and plugged into a functioning AC outlet.

My device does not pair with the receiver.

Ensure your transmitter has 'Bluetooth' set to 'ON'. Make sure that the LED indicator is blinking and your device is within the receiver's wireless range of 30 meters (100 feet).

The LED indicator is solid, but I cannot connect my device.

1. Check if other transmitters are connected. If so, either disconnect or turn their 'Bluetooth' 'OFF'; then try reconnecting.
2. Try unpairing and repairing your device to the receiver.
3. Power cycle the receiver by disconnecting and reconnecting the power cable.

The LED indicator is solid and my device is connected, but there is no audio output.

1. Ensure that the receiver's output is correctly connected to your audio system.
2. Check whether the input is correctly selected on your audio system (analog audio or digital optical input).
3. Verify the volume levels on your transmitter (phone/computer) and the player (app).
4. Try unpairing and repairing your transmitter to the BTR.
5. Power cycle the BTR by disconnecting and reconnecting the power cable.

The volume output level from the receiver is Low.

1. Verify the volume levels on the transmitter (phone/computer) and on the player (application).
2. Check the volume levels on your powered speakers or stereo system.

The sound quality is poor and/ or the audio is cutting out.

1. Move your transmitter or receiver away from cordless phones, routers, microwave ovens, or other Bluetooth devices.
2. Try moving your transmitter closer to the receiver.
3. Try another location.
4. Turn off your transmitter's Wi-Fi.
5. Try unpairing and repairing your device to the receiver.
6. Power cycle the receiver by disconnecting and reconnecting the power cable.
7. Check that your device's OS is updated to the latest version.

Only one channel plays music.

1. Check the cables between the receiver and your stereo system.
2. Check your transmitter and audio system's controls to ensure that the audio balance is centered.

Technical Specifications

Bluetooth Version	5.0 with aptX Low latency, aptX HD
Supported Codecs	aptX, AAC, SBC
Bluetooth Range	30 meters, 100 feet
Input	Bluetooth
Outputs	Stereo RCA, Digital Optical (SPDIF)
Input Power	5V, 200mA
Output Voltage	2 Volts RMS
Frequency Response	10Hz – 20kHz (+/- 0.5dB)
Signal to Noise Ratio	120dB

FCC Compliance

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.

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 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:

1. Increase the separation between the equipment and receiver.

2. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

To satisfy FCC RF exposure requirements, a separation distance of 20 cm or more should be maintained between this device and persons during device operation.

To ensure compliance, operations at closer than this distance is not recommended.

The antenna used for this transmitter must not be co-located in conjunction with any other antenna or transmitter.



Product Safety

When used in the directed manner, this unit has been designed and manufactured to ensure your personal safety. Improper use of this product can result in prtential electrical shock or fire hazards. Please read all safety and operating instructions carefully before installation and use. Keep these instruction handy for future reference.



CAUTION: To reduce the risk of electric shock do not remove cover (or back). No user-serviceable parts inside. Refer servicing to qualified service personnel.

WARNING: Important Safeguards

- ▶ Read these instructions.
- ▶ Keep these instructions.
- ▶ Heed all warnings.
- ▶ Follow all instructions.
- ▶ Do not use this apparatus near water.
- ▶ Clean only with dry cloth.
- ▶ Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.
- ▶ Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- ▶ Only use attachments/accessories specified by the manufacturer.
- ▶ Unplug this apparatus during lightning storms or when unused for long periods of time.
- ▶ **Refer all servicing to qualified services personnel** Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- ▶ The power supply and power cord for this apparatus is intended for indoor use only.
- ▶ Only use the included A/C adaptor.
- ▶ **Damage Requiring Service** Unplug the apparatus from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - » When the power-supply cord or plug is damaged.
 - » If liquid has been spilled, or objects have fallen into the apparatus.
 - » If the apparatus has been exposed to rain or water.
 - » If the apparatus does not operate normally by following the operating instructions.
 - » Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the apparatus to its normal operation.
 - » If the apparatus has been dropped or damaged in any way.
 - » When the apparatus exhibits a distinct change in performance this indicates a need for service.