Dayton Audio BTR02

Dayton Audio BTR02 Bluetooth 5.0 Audio Receiver Instruction Manual

Model: BTR02

Introduction

The Dayton Audio BTR02 is a compact Bluetooth 5.0 audio receiver designed to add high-quality wireless audio streaming capabilities to any existing audio system. It supports advanced audio codecs like APTX HD, delivering sample rates up to 24-bit/48 kHz through its digital outputs. With both analog and digital output options, the BTR02 offers versatile connectivity to various audio devices, including active speakers, amplifiers, and home entertainment systems.

Package Contents

Please verify that all items are present in the package:

- Dayton Audio BTR02 Bluetooth 5.0 Audio Receiver
- 12 VDC Power Adapter
- Bluetooth Antenna



Image: The included 12V DC power adapter for the BTR02 receiver.

Product Overview

Front Panel



Image: Front view of the Dayton Audio BTR02 receiver, showing the power button and indicator LEDs.

- **ON/OFF Button:** Press to power the unit on or off.
- **POWER LED:** Indicates power status (Red when on).
- **BT OUT LED:** Indicates Bluetooth connection status (Blue).

Rear Panel



Image: Rear view of the Dayton Audio BTR02 receiver, showing all input and output ports.

- **ANT:** Connector for the included Bluetooth antenna.
- **OPTICAL OUT:** Digital optical audio output.
- **COAXIAL OUT:** Digital coaxial audio output.
- **RIGHT OUT (RCA):** Analog RCA audio output for the right channel.
- **LEFT OUT (RCA):** Analog RCA audio output for the left channel.
- **DC 12V:** Power input for the 12V DC power adapter.

Setup

1. **Attach Antenna:** Screw the included Bluetooth antenna onto the ANT connector on the rear panel of the BTR02. Ensure it is securely fastened.
2. **Connect Audio Output:** Choose one of the following audio output methods to connect the BTR02 to your audio system (amplifier, receiver, active speakers, etc.):
    - **Analog RCA:** Connect RCA cables from the LEFT OUT and RIGHT OUT ports on the BTR02 to the corresponding analog audio input ports on your audio system.
    - **Digital Optical:** Connect an optical cable from the OPTICAL OUT port on the BTR02 to a digital optical input on your audio system.
    - **Digital Coaxial:** Connect a coaxial cable from the COAXIAL OUT port on the BTR02 to a digital coaxial input on your audio system.
3. **Connect Power:** Plug the 12 VDC power adapter into the DC 12V input on the rear panel of the BTR02, then plug the adapter into a wall outlet.
4. **Power On:** Press the ON/OFF button on the front panel. The POWER LED will illuminate red.

Operating Instructions

1. **Power On:** Ensure the BTR02 is powered on (POWER LED is red). The BT OUT LED will flash blue, indicating it is in pairing mode.
2. **Enable Bluetooth on Your Device:** On your smartphone, tablet, computer, or other Bluetooth-enabled device, go to the Bluetooth settings and enable Bluetooth.
3. **Pair with BTR02:** In your device's Bluetooth settings, search for available devices. Select "Dayton Audio BTR02" from the list.
4. **Connection Confirmation:** Once successfully paired, the BT OUT LED on the BTR02 will turn solid blue. Your device should also confirm the connection.
5. **Audio Playback:** Begin playing audio on your connected device. The sound will now be streamed wirelessly to your audio system through the BTR02.
6. **Disconnecting:** To disconnect, simply turn off Bluetooth on your source device or select "Disconnect" from its Bluetooth settings. The BTR02 will return to pairing mode (flashing blue BT OUT LED).

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use liquid cleaners or solvents.
- **Storage:** When not in use for extended periods, store the unit in a cool, dry place away from direct sunlight and extreme temperatures.
- **Ventilation:** Ensure the unit has adequate ventilation and is not covered, to prevent overheating.

Troubleshooting

Problem	Possible Cause	Solution
No power, POWER LED off	Power adapter not connected or faulty.	Ensure the 12V DC power adapter is securely connected to the unit and a working power outlet. Test the outlet with another device.
Cannot pair with device, BT OUT LED flashing	Device Bluetooth is off or already connected to another device. BTR02 is out of range.	Ensure Bluetooth is enabled on your source device. Disconnect from other Bluetooth devices. Move your device closer to the BTR02. Restart both devices.
No sound after pairing	Incorrect audio output selected on BTR02 or audio system. Volume too low.	Verify the correct input is selected on your amplifier/receiver. Check volume levels on both your source device and audio system. Ensure audio cables are securely connected.
Poor audio quality or intermittent connection	Interference or distance.	Reduce the distance between the BTR02 and your source device. Remove obstacles. Avoid placing the unit near other wireless devices that may cause interference.

Specifications

- **Model Number:** BTR02
- **Bluetooth Version:** 5.0

- **Connectivity Technology:** Bluetooth, RCA, Optical, Coaxial
- **Audio Output Mode:** Stereo, Surround
- **Surround Sound Channel Configuration:** 5.1
- **Special Feature:** APTX HD (up to 24-bit/48 kHz)
- **Compatible Devices:** Speaker, Amplifier, Television, Smartphone, Tablet, Personal Computer
- **Product Dimensions:** 2.28"D x 3.85"W x 1.29"H (5.79 cm D x 9.78 cm W x 3.28 cm H)
- **Item Weight:** 13.2 ounces (374.21 grams)
- **Color:** Black
- **Manufacturer:** Dayton Audio

Warranty Information

Dayton Audio products are designed for reliability and performance. For specific warranty terms and conditions, please refer to the official Dayton Audio website or contact their customer support directly. Keep your purchase receipt as proof of purchase.

Support

For technical assistance, troubleshooting, or further inquiries regarding your Dayton Audio BTR02, please visit the official Dayton Audio website for support resources, FAQs, and contact information.
Dayton Audio Website: www.daytonaudio.com