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- > [Ainostone](#) /
 - > Ainostone Bluetooth Transmitter Receiver 3-in-1 Bluetooth 5.3 Audio Adapter User Manual

Ainostone B0CZ3813PN

Ainostone Bluetooth Transmitter Receiver User Manual

Model: B0CZ3813PN

INTRODUCTION

This manual provides comprehensive instructions for the Ainostone 3-in-1 Bluetooth 5.3 Audio Adapter. This versatile device functions as a Bluetooth transmitter (TX), receiver (RX), and offers a bypass mode, allowing seamless audio connectivity for various home entertainment systems, TVs, PCs, and more. Please read this manual thoroughly before operation to ensure proper use and optimal performance.

PRODUCT OVERVIEW



Figure 1: Ainostone Bluetooth Transmitter Receiver and included cables.

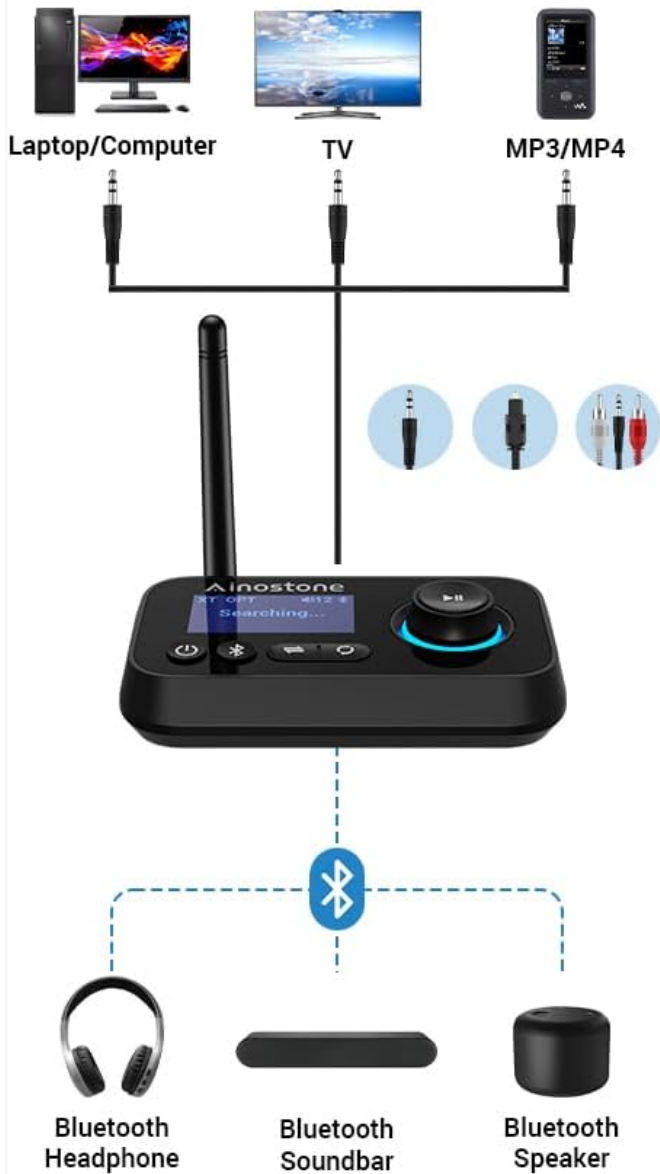
Key Features:

- **3-in-1 Functionality:** Operates as a Bluetooth Transmitter (TX), Receiver (RX), and in Bypass mode for flexible audio solutions.
- **Dual Device Support:** In TX mode, connect up to two Bluetooth headphones or speakers simultaneously.
- **Extended Range:** Equipped with an external antenna for a secure and stronger radio connection, reducing audio cut-outs.
- **LCD Display & Volume Control:** A 1.8-inch LCD screen clearly shows connected devices and status. Features a rotary knob for volume adjustment and playback control.
- **Wide Compatibility:** Supports Optical, 3.5mm AUX, and RCA connections for broad compatibility with TVs, PCs, laptops, home stereos, and more.
- **Automatic Re-pairing:** Automatically reconnects with recently paired devices upon power-on.

Transmitter Mode

For Audio Device without Bluetooth

TX 



Receiver Mode

Bring Your old Bluetooth Stereo to Life

 RX



Figure 2: Illustration of Transmitter (TX) and Receiver (RX) modes.



Bypass Mode



Figure 3: Illustration of Bypass mode connection.

Dual Pairing

Share music or movie without disturbing others at night.



Figure 4: Dual pairing feature, allowing two Bluetooth headphones to connect simultaneously.

Multifunction Adapter

- ✓ Name of Device Displayed
- ✓ Power Supply Needed
- ✓ Play/ Pause Function
- ✓ Adjustable Volume



Flexible Connection



Equiped with
3.5mm Aux Cable



Optical Cable



3.5mm to RCA
Audio Cable.



Figure 5: The external antenna provides long-range connectivity up to 164ft.

Long Range with Antenna

Longer range and stronger connection,
audio won't cut in/ out easily.

 **Bluetooth 5.3**

 **Up to 164ft**



Figure 6: The device features an LCD display and flexible connection options including 3.5mm Aux, Optical, and RCA.

Lossless Hifi Sound Quality

Really a listening of enjoyment for your ears.



Figure 7: The device delivers lossless Hi-Fi sound quality for an enhanced listening experience.

SETUP INSTRUCTIONS

1. **Power On:** Connect the device to a power source using the provided USB-C cable. Note that this device does not have an internal battery and requires continuous power.
2. **Select Mode:** Use the mode switch button on the device to select between Transmitter (TX), Receiver (RX), or Bypass mode, depending on your audio setup. The LCD display will indicate the current mode.
3. **Connect to Audio Source/Device:**
 - **For TX Mode:** Connect the device to your non-Bluetooth audio source (e.g., TV, PC, CD player) using the appropriate cable (Optical, 3.5mm AUX, or RCA).
 - **For RX Mode:** Connect the device to your wired audio system (e.g., home stereo, wired headphones) using the appropriate cable (3.5mm AUX or RCA).
 - **For Bypass Mode:** Connect your audio source to the device's input and your audio output device (e.g., soundbar, speakers) to the device's output.

4. **Optical Audio Setting (for TV connection):** If connecting via Optical cable to a TV, ensure your TV's audio output setting is set to **PCM Audio**. Refer to your TV's user manual for specific instructions on adjusting this setting.

OPERATING INSTRUCTIONS

Transmitter (TX) Mode:

In TX mode, the adapter enables non-Bluetooth devices (like TVs or PCs) to transmit audio wirelessly to Bluetooth headphones or speakers.

1. Set the device to TX mode.
2. Connect the device to your audio source (TV, PC) using Optical, 3.5mm AUX, or RCA cable.
3. Put your Bluetooth headphones or speakers into pairing mode.
4. The adapter's LCD display will show "Searching..." and list available Bluetooth devices. Select your desired device using the controls.
5. Once connected, audio from your source will stream to your Bluetooth device.
6. **Dual Pairing:** To connect a second Bluetooth headphone or speaker, put the second device into pairing mode. The adapter will attempt to connect to it. Both devices will receive audio simultaneously, and their volumes will be adjusted together.

Receiver (RX) Mode:

In RX mode, the adapter receives Bluetooth audio from your smartphone, tablet, or Bluetooth-enabled laptop and outputs it to a wired stereo system or wired headphones.

1. Set the device to RX mode.
2. Connect the device to your wired audio system (e.g., home stereo, wired headphones) using 3.5mm AUX or RCA cable.
3. On your smartphone or other Bluetooth-enabled device, search for "Ainostone" (or similar name displayed on the LCD) in your Bluetooth settings and pair.
4. Once connected, audio from your mobile device will play through your wired audio system.

Bypass Mode:

Bypass mode allows you to use your existing wired audio setup while still having the option to switch to Bluetooth audio without re-cabling. This is ideal for upgrading older TVs.

1. Set the device to Bypass mode.
2. Connect your audio source (e.g., TV, PC) to the device's input (Optical, 3.5mm AUX, or RCA).
3. Connect your wired audio output device (e.g., soundbar, speakers) to the device's output.
4. In Bypass mode, audio passes directly through the unit to your wired speakers. You can then switch to TX or RX mode as needed for Bluetooth functionality.

Volume and Playback Control:

The device features a rotary knob and buttons for convenient control:

- **Rotary Knob:** Rotate to adjust volume. Press to play/pause audio.

- **Buttons:** Use the dedicated buttons to switch between connected devices or modes as indicated on the LCD.

MAINTENANCE

To ensure the longevity and optimal performance of your Ainostone Bluetooth Transmitter Receiver, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the device. Avoid using liquid cleaners or aerosols, as they may damage the unit.
- **Storage:** When not in use for extended periods, store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the device with care. Avoid dropping it or subjecting it to strong impacts.
- **Ventilation:** Ensure the device has adequate ventilation and is not covered during operation to prevent overheating.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound or intermittent audio.	Incorrect mode selected (TX/RX/Bypass). Loose cable connections. TV audio output not set to PCM (for Optical). Bluetooth headphones/speakers not in pairing mode or incompatible (e.g., not Low Latency for some applications). Interference or too far from the paired device.	Verify the correct mode is selected on the device. Check all cable connections are secure. For Optical connection, ensure TV audio output is set to PCM. Ensure your Bluetooth device is in pairing mode and compatible. Some applications may require Low Latency headphones. Reduce distance between the adapter and Bluetooth device; minimize obstructions.
Device does not power on.	No power source connected. Faulty USB-C cable or power adapter.	Ensure the USB-C cable is securely connected to a working power source (e.g., USB wall adapter, TV USB port). Try a different USB-C cable or power adapter.
Cannot pair with Bluetooth device.	Device not in pairing mode. Too many previously paired devices. Bluetooth device too far or out of range.	Ensure both the adapter and your Bluetooth device are in pairing mode. Clear previous pairings on both devices if necessary. Move the Bluetooth device closer to the adapter.
Bypass mode not working.	Incorrect cable connections for bypass. Device not set to Bypass mode.	Double-check that input and output cables are connected to the correct ports for bypass functionality. Confirm the device is explicitly set to Bypass mode via the mode switch.

SPECIFICATIONS

Feature	Detail
Product Dimensions	4.57 x 1.53 x 5.43 inches
Item Weight	6.4 ounces
ASIN	B0CZ3813PN
Manufacturer	Ainostone
Connectivity	Bluetooth 5.3, Optical, 3.5mm AUX, RCA
Display	1.8-inch LCD
Power Source	USB-C (external power required, no internal battery)

Warranty and Support

For warranty information, please refer to the documentation provided with your purchase or contact Ainostone customer support directly. Keep your proof of purchase for any warranty claims.

If you encounter any issues not covered in this manual or require further assistance, please contact Ainostone customer support through their official website or the retailer from whom you purchased the product.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

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