

Syntech B0D62W5GTH

Syntech B0D62W5GTH Bluetooth 5.3 Transmitter Receiver User Manual

Model: B0D62W5GTH

INTRODUCTION

The Syntech B0D62W5GTH is a versatile 2-in-1 Bluetooth 5.3 audio adapter designed to function as both a transmitter and a receiver. This device allows you to wirelessly connect your Bluetooth headphones or earbuds to non-Bluetooth audio sources, such as in-flight entertainment systems, gym equipment, or older car stereos. It also enables you to stream audio from your smartphone or tablet to wired speakers or car audio systems. Featuring an LED display for easy operation and dual pairing capability, this adapter enhances your audio experience with stable, low-latency connectivity.

PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- Syntech Bluetooth Transmitter/Receiver (B0D62W5GTH)
- Carrying Case
- Protective Silicone Case
- Carabiner
- Dual 3.5mm AUX Adapter (for airplane use)
- USB-C Charging Cable
- 3.5mm Audio Cable



Image: Syntech B0D62W5GTH device, 3.5mm audio cable, carrying case, carabiner, and dual 3.5mm AUX adapter.

PRODUCT DIAGRAM

Familiarize yourself with the device's components and controls:

Product Diagram



Image: Front and side view of the Syntech B0D62W5GTH. Labels include Visible Screen, Pairing Button, Next/Volume Up Button, Previous/Volume Down Button, Power/Confirm/Pause Button, USB-C Charging Port, and TX/RX Mode Switch.

- **Visible Screen:** Displays device status, pairing information, and volume.
- **Pairing Button:** Initiates Bluetooth pairing.
- **Next/Volume Up Button:** Navigates forward or increases volume.
- **Previous/Volume Down Button:** Navigates backward or decreases volume.
- **Power/Confirm/Pause Button:** Powers on/off, confirms selections, or plays/pauses audio.
- **USB-C Charging Port:** For charging the device.
- **TX/RX Mode Switch:** Toggles between Transmitter (TX) and Receiver (RX) modes.

1. Charging the Device

Before initial use, fully charge the Syntech B0D62W5GTH. Connect the provided USB-C charging cable to the device's USB-C port and the other end to a standard USB power adapter (not included). A full charge takes approximately 1.5 hours and provides up to 12 hours of operation.



Image: The Syntech B0D62W5GTH connected to a power outlet via its USB-C charging cable, indicating charging status.

2. Transmitter Mode (TX) Setup

Use TX mode to send audio from a non-Bluetooth source (e.g., airplane entertainment, TV, gym equipment) to your Bluetooth headphones or earbuds.

1. **Switch to TX Mode:** Locate the TX/RX switch on the side of the device and slide it to the 'TX' position.
2. **Power On:** Press and hold the Power/Confirm/Pause button for 3 seconds to turn on the device. The

screen will display 'Pairing...'

3. **Connect to Audio Source:** Plug the 3.5mm audio cable into the Syntech adapter's audio jack and the other end into the audio output of your desired source (e.g., airplane seat audio jack). If the source has a dual 3.5mm jack, use the provided dual AUX adapter.
4. **Pair Headphones:** Put your Bluetooth headphones or earbuds into pairing mode. The Syntech adapter will automatically search for nearby Bluetooth devices.
5. **Select and Confirm:** Use the Next/Volume Up or Previous/Volume Down buttons to navigate through the detected devices on the Syntech's screen. Once your headphones are highlighted, press the Power/Confirm/Pause button to confirm the connection.



Image: The Syntech B0D62W5GTH connected to an airplane seat's audio jack, transmitting audio to wireless earbuds.

3. Receiver Mode (RX) Setup

Use RX mode to receive audio from a Bluetooth-enabled device (e.g., smartphone, tablet) and play it through a wired audio system (e.g., car stereo, home speakers).

1. **Switch to RX Mode:** Slide the TX/RX switch on the side of the device to the 'RX' position.
2. **Power On:** Press and hold the Power/Confirm/Pause button for 3 seconds to turn on the device. The screen will display 'Pairing...'
3. **Connect to Audio System:** Plug the 3.5mm audio cable into the Syntech adapter's audio jack and the other end into the AUX input of your car stereo or home speaker system.
4. **Pair with Phone/Tablet:** On your smartphone or tablet, go to Bluetooth settings and search for new devices. Select 'B100' from the list to connect.
5. **Play Audio:** Once connected, any audio played on your phone or tablet will be streamed wirelessly to your wired audio system.



Music & Hands-Free Calls
Connect car audio to mobile phone

4. Dual Pairing

The Syntech B0D62W5GTH supports connecting to two Bluetooth headphones simultaneously in TX mode, allowing two users to share audio from a single source.

1. Ensure the first pair of headphones is already connected in TX mode (follow steps 1-5 above).
2. Press the Bluetooth Pairing button on the Syntech adapter. The screen will indicate it is searching for a second device.
3. Put your second pair of Bluetooth headphones into pairing mode.
4. Once detected, use the navigation buttons to select the second device on the screen and press the Power/Confirm/Pause button to connect.

2-IN-1 Bluetooth Transmitter and Receiver

Transmitter Mode

TX



Airplane



Bluetooth headphone



Airpods

Receiver Mode

RX



Smart phone



Tablet



Car



Speaker

Image: The Syntech B0D62W5GTH connected to an airplane entertainment system, with two pairs of headphones (AirPods and over-ear headphones) receiving audio simultaneously.

OPERATING INSTRUCTIONS

Basic Controls

Button	Function	Operation
Power/Confirm/Pause	Power on/off, Decline Call, Play/Pause, Answer Call/Hang Up, Confirm connection (TX Mode)	Long Press (Power on/off, Decline Call), Short Press (Play/Pause, Answer Call/Hang Up, Confirm connection)
Bluetooth Pairing	Bluetooth Pairing, Clear the Memory	Short Press (Bluetooth Pairing), Long Press (Clear the Memory)
Previous/Volume Down	Previous Song, Volume Down, Downward Selection (TX Mode)	Short Press (Previous Song), Long Press (Volume Down), Short Press (Downward Selection)
Next/Volume Up	Next Song, Volume Up, Upward Selection (TX Mode)	Short Press (Next Song), Long Press (Volume Up), Short Press (Upward Selection)
TX/RX Mode Switch	Select the Mode (Transmitter or Receiver)	Slide

MAINTENANCE

- Keep the device clean by wiping it with a soft, dry cloth.
- Avoid exposing the device to extreme temperatures, humidity, or direct sunlight.
- Do not attempt to disassemble or repair the device yourself, as this will void the warranty.
- Store the device in its protective carrying case when not in use to prevent damage.

TROUBLESHOOTING

Connection Issues

If you experience long pairing times (around 90 seconds), unstable connections, or high latency:

- Try reconnecting the device.
- Ensure your headphones or earbuds are in proper pairing mode.
- Consider using different headphones to rule out headphone-specific issues.
- Clear the memory of previously paired devices on the Syntech adapter by long-pressing the Bluetooth Pairing button.

Volume Issues

If you encounter problems with audio volume:

- Ensure the transmitter or your headphones are not in pause mode.

- Long press the Next/Volume Up button on the Syntech adapter to increase the volume.
- Restart the device and your connected audio equipment.

No Power

- Ensure the device is fully charged. Connect it to a power source using the provided USB-C cable.
- Verify that the charging cable and power adapter are functioning correctly.

SPECIFICATIONS

Feature	Detail
Model	B0D62W5GTH
Bluetooth Version	5.3
Connectivity Technology	AUX
Special Features	Built-In Microphone, HD Display, Receiver Transmitter 2 in 1
Power Source	Battery Powered (1 Lithium Polymer battery included)
Battery Life (TX Mode)	Up to 10 hours
Battery Life (RX Mode)	Up to 12 hours
Charging Time	Approx. 1.5 hours
Wireless Range	Up to 15 meters (50 feet)
Item Weight	5 ounces
Dimensions	4.02 x 3.46 x 1.73 inches

SAFETY INFORMATION

WARNING:

- This device emits radio waves and should be used with caution to avoid interference with other wireless devices.
- Do not expose the battery to extreme temperatures or humidity.
- Keep the device away from fire and other heat sources.
- Do not dispose of the battery in fire. Follow local regulations for battery disposal.
- Use only the provided charging cable and adapter.
- Do not use the device while charging.
- Do not use the device while sleeping or in a moving vehicle.
- Always follow the manufacturer's instructions for safe use and disposal.

WARRANTY AND SUPPORT

Syntech provides a 12-month worry-free period for this product. For any questions, concerns, or technical assistance, please contact our dedicated customer support team. Refer to the product packaging or the official

Syntech website for contact details.

Related Documents - B0D62W5GTH



Syntech B100 Versatile Wireless Transceiver User Manual

Comprehensive user manual for the Syntech B100 Bluetooth 5.3 audio transceiver, detailing package contents, product diagram, button operations, specifications, TX/RX mode functions, pairing procedures, and important guidelines for travel use.

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Bullet M5 Setup for Passive Mobile Wireless Downloads - Syntech

This product bulletin provides detailed setup instructions for the Syntech Bullet M5 wireless transmitter/receiver, enabling passive mobile wireless downloads for fuel management systems. Learn how to configure the Bullet M5 for Master FMU and Passive Mobile units.



Syntech offers a range of PC components, including AMD B450M motherboards like the B450M PRO-M2 MAX and B450M MORTAR MAX, and modular power supplies such as the NeoEco 650W Bronze and HYDRO G PRO 750W Gold.