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› MaedHawk Bluetooth Transmitter TX4 User Manual

## MaedHawk TX4

# MaedHawk Bluetooth Transmitter TX4 User Manual

Model: TX4

Enhance your audio experience with wireless connectivity.

## PRODUCT OVERVIEW

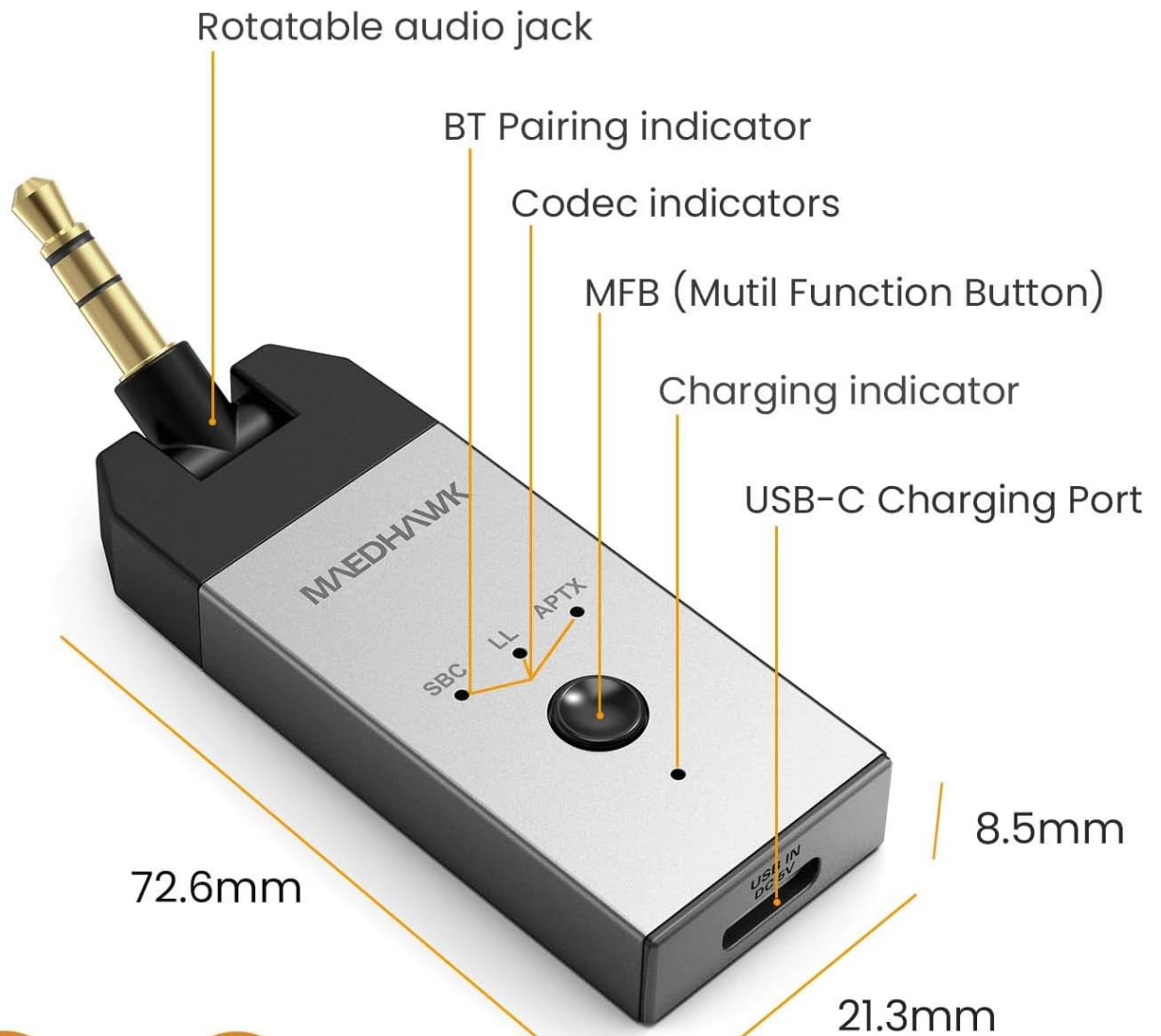
The MaedHawk Bluetooth Transmitter TX4 is a compact and versatile device designed to add Bluetooth connectivity to your non-Bluetooth audio sources. It allows you to wirelessly transmit audio from devices such as TVs, PCs, Nintendo Switch, PSP, PS5, Xbox controllers, and MP3/MP4 players to Bluetooth-enabled headphones or speakers. Featuring aptX Low Latency technology, it aims to minimize audio delay for a synchronized listening experience.





Image: MaedHawk Bluetooth Transmitter TX4, showcasing its rotatable 3.5mm audio jack and compact design. The device is silver and black with indicator lights for SBC, LL, and APTX codecs, and a multi-function button.

## Package Contents



CVC8.0 Noise Reduction

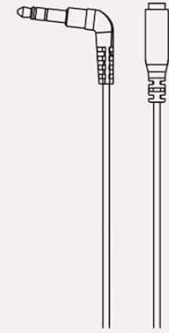
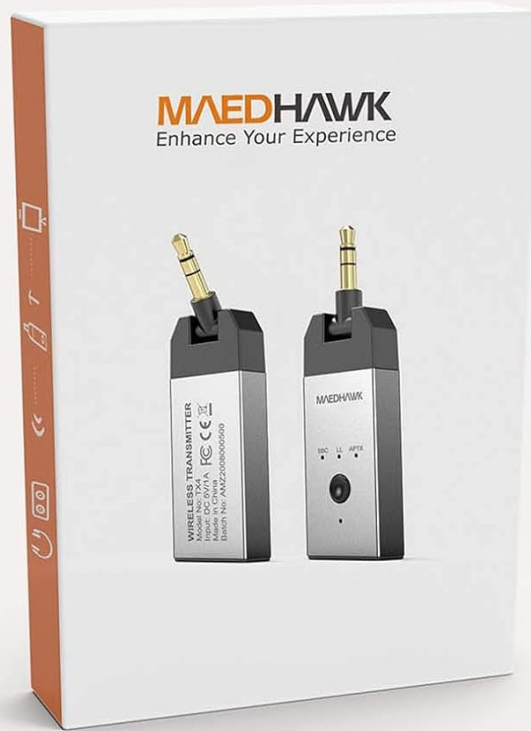
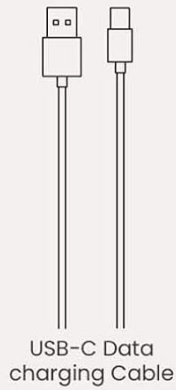


25 Meters Effective Range

Image: Diagram showing the package contents, including the TX4 Bluetooth transmitter, a USB-C charging cable, a 3.5mm male-female adapter audio cable, a user manual, and a warranty card.

- 1 x MaedHawk Bluetooth Transmitter TX4
- 1 x USB-C Charging Cable
- 1 x 3.5mm Male-Female Audio Cable
- 1 x User Manual
- 1 x Warranty Card

## Device Components



3.5mm Male-Female Adapter audio cable



Manual



Warranty Card



## Package Contents:

1*X4 BT receiver	1*Manual	1*Warranty card
1*3.5mm Male-Female Audio cable		1*USB-C Charging cable

Image: Detailed diagram of the MaedHawk TX4 highlighting its components: Rotatable audio jack, BT Pairing indicator, Codec indicators (SBC, LL, APTX), MFB (Multi-Function Button), Charging indicator, and USB-C Charging Port. Dimensions are also shown.

- **Rotatable Audio Jack:** 3.5mm jack for connecting to audio sources, designed to rotate 180° for convenience.
- **Multi-Function Button (MFB):** Used for power on/off, pairing, and other controls.
- **Codec Indicators (SBC, LL, APTX):** LEDs indicating the active audio codec.
- **BT Pairing Indicator:** LED to show Bluetooth pairing status.
- **Charging Indicator:** LED to show charging status.
- **USB-C Charging Port:** For charging the device.

## SETUP GUIDE

### Charging the Device

Before first use, fully charge the MaedHawk TX4. Connect the supplied USB-C charging cable to the TX4's USB-C port and the other end to a USB power source (e.g., computer USB port, USB wall adapter). The charging indicator will illuminate during charging and turn off when fully charged. A full charge takes approximately 2 hours and provides up to 9 hours of battery life.

The device can be charged directly while playing music. However, if you connect the USB-C cable while the device is already transmitting audio, you may need to restart the unit for it to continue transmitting. This is because connecting the cable can sometimes reset the Bluetooth connection.

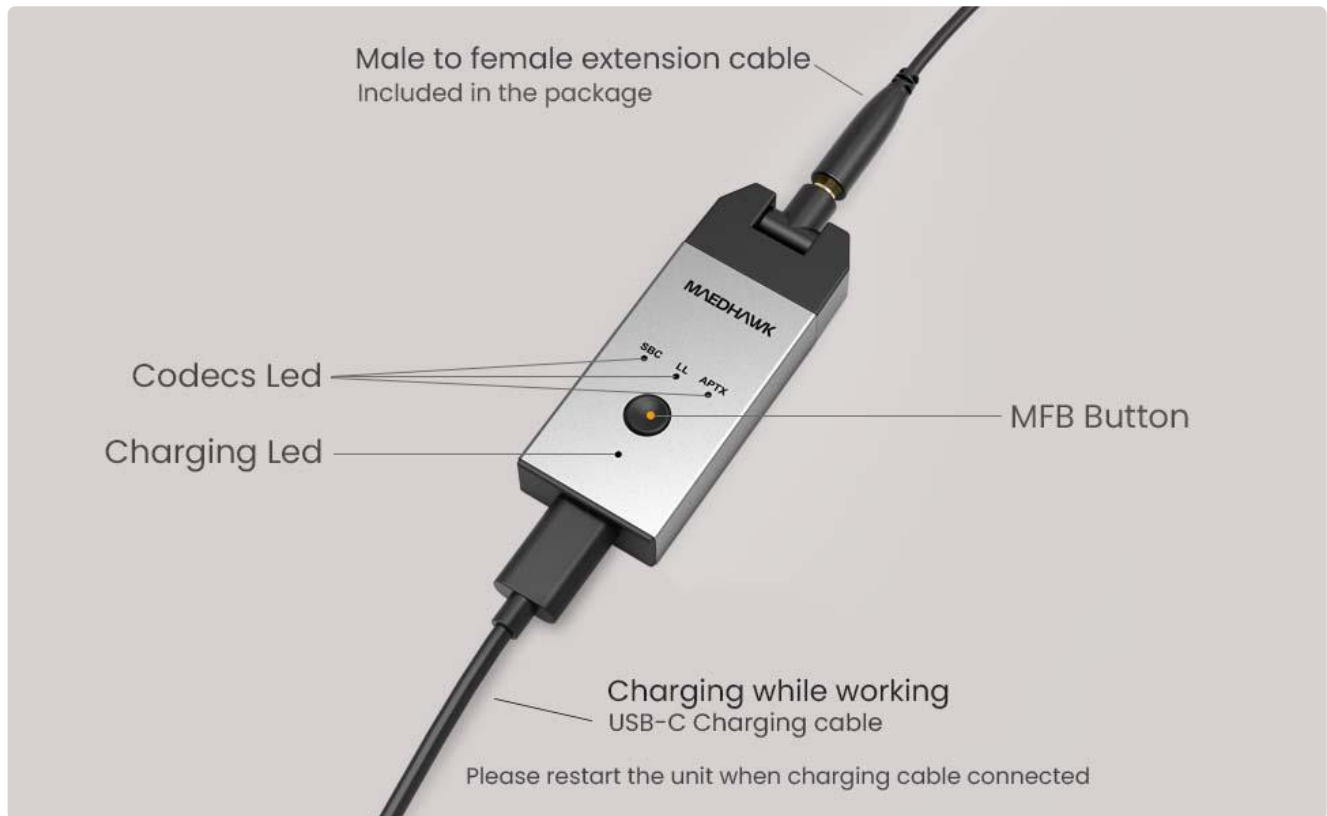


Image: The MaedHawk TX4 connected via its USB-C port for charging, with an arrow pointing to the charging LED. Text indicates that the unit may need to be restarted when the charging cable is connected.

## Connecting to Audio Source

The TX4 connects to your audio source via its 3.5mm audio jack. The rotatable design allows for flexible positioning.

- **For TVs, Game Consoles (Switch, PS5, Xbox controllers), MP3/MP4 Players:** Plug the 3.5mm audio jack of the TX4 directly into the headphone output or audio out port of your device. If the port is recessed or difficult to access, use the provided 3.5mm male-female adapter cable.

# Make TV Bluetooth Enabled

Transmit the sound from your TV to your Bluetooth stereo devices or airpod..



Image: The MaedHawk TX4 connected to a TV's audio output, transmitting sound to a soundbar, demonstrating how to make a TV Bluetooth enabled.

# Add Bluetooth to PC

## Charging While Working

Simply connect TX4 to PC by the USB-C charging cable only. Do not need to connect 3.5 jack to PC anymore because the charging cable can also work as data cable to get audio from PC.



Image: The MaedHawk TX4 plugged into a Nintendo Switch, enabling wireless audio for gaming with Bluetooth headphones.

- **For PCs:** You can connect the TX4 to your PC in two ways:
  - a. Plug the 3.5mm audio jack into the PC's audio output port.
  - b. Connect the TX4 to your PC using the USB-C cable. The TX4 can function as a USB audio device, receiving audio digitally from the PC without needing the 3.5mm jack. This also charges the device simultaneously.



TV



PC



Switch



MP4

Plug and upgraded your non-Bluetooth devices to Bluetooth instantly



Pair with Bluetooth audio enabled receiving devices



BT headphones



TWS earbuds



BT Speakers

Image: The MaedHawk TX4 connected to a desktop PC via its USB-C port, illustrating how it can add Bluetooth functionality to a PC while charging.

## OPERATING INSTRUCTIONS

### Pairing with Bluetooth Headphones/Speakers

1. **Power On:** Press and hold the Multi-Function Button (MFB) for approximately 3 seconds until the BT Pairing indicator starts flashing, indicating it's in pairing mode.
2. **Activate Pairing Mode on Receiving Device:** Put your Bluetooth headphones or speakers into pairing mode. Refer to your audio device's manual for specific instructions.
3. **Connect:** The TX4 will automatically search for and connect to nearby Bluetooth devices in pairing mode. Once connected, the BT Pairing indicator will stop flashing and remain solid. The corresponding codec indicator (SBC, LL, or APTX) will also light up.
4. **Enjoy Audio:** Ensure your audio source (TV, PC, etc.) is playing sound. The audio will now be transmitted wirelessly to your paired Bluetooth device.



## APT X LOW LATENCY

Pair TX4 with your Bluetooth headphones or airpod. Get rid of messy wires and Enjoy your games wirelessly with minimum delay.

Image: A person playing a Nintendo Switch with the MaedHawk TX4 connected, emphasizing the aptX Low Latency feature for synchronized gaming audio.

### Understanding aptX Low Latency

The MaedHawk TX4 supports aptX Low Latency (aptX LL) codec, which significantly reduces audio delay, making it ideal for watching videos or playing games where audio-visual synchronization is crucial. For aptX LL to function, your Bluetooth headphones or speakers must also support the aptX Low Latency codec. If your receiving device does not support aptX LL, the TX4 will default to another compatible codec like aptX or SBC, which may result in a slightly higher audio delay.

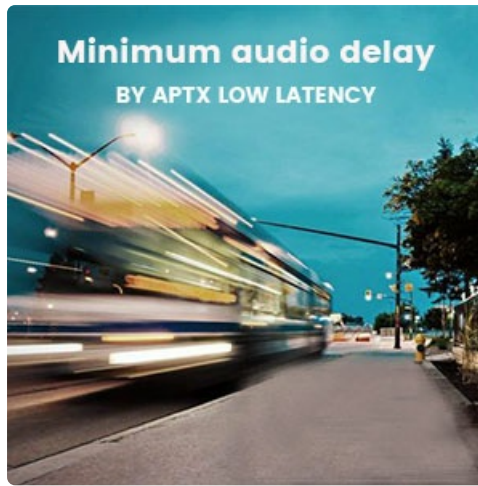


Image: A blurred image of a street with a bus, overlaid with text "Minimum audio delay BY APTX LOW LATENCY", visually representing speed and efficiency of the codec.

## MAINTENANCE

To ensure the longevity and optimal performance of your MaedHawk Bluetooth Transmitter TX4, please follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the device. Do not use liquid cleaners or aerosols.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping the device or subjecting it to strong impacts. Do not attempt to disassemble or modify the device, as this will void the warranty.
- **Moisture:** Keep the device away from water and high humidity.

## TROUBLESHOOTING

If you encounter issues with your MaedHawk Bluetooth Transmitter TX4, please refer to the following common problems and solutions:

Problem	Possible Cause / Solution
<b>Device does not power on.</b>	<ul style="list-style-type: none"><li>◦ Battery is depleted. Charge the device fully using the supplied USB-C cable.</li><li>◦ Ensure the MFB is pressed and held for approximately 3 seconds.</li></ul>
<b>Cannot pair with Bluetooth headphones/speakers.</b>	<ul style="list-style-type: none"><li>◦ Ensure the TX4 is in pairing mode (BT Pairing indicator flashing).</li><li>◦ Ensure your headphones/speakers are in pairing mode and within range (up to 25 meters effective range).</li><li>◦ Turn off and on both devices, then try pairing again.</li><li>◦ Clear previous pairing records on your headphones/speakers if possible.</li></ul>

Problem	Possible Cause / Solution
<b>No sound or low volume.</b>	<ul style="list-style-type: none"> <li>◦ Ensure the TX4 is successfully paired and connected (solid BT Pairing indicator).</li> <li>◦ Check the volume levels on both your audio source (TV, PC) and your Bluetooth headphones/speakers.</li> <li>◦ Verify the 3.5mm audio jack is fully inserted into the audio source's output port.</li> <li>◦ If connected via USB-C to PC, ensure the PC's audio output is set to the TX4.</li> </ul>
<b>Audio delay/latency is noticeable.</b>	<ul style="list-style-type: none"> <li>◦ For minimal delay, both the TX4 and your Bluetooth headphones/speakers must support aptX Low Latency (aptX LL). Check your receiving device's specifications.</li> <li>◦ Ensure there are no significant obstructions between the TX4 and your receiving device.</li> <li>◦ Reduce the distance between the devices.</li> </ul>
<b>Device stops transmitting when charging cable is connected.</b>	<ul style="list-style-type: none"> <li>◦ This can occur as connecting the USB-C cable may reset the unit. After connecting the charging cable, restart the TX4 by briefly pressing the MFB to re-establish the connection.</li> </ul>

## SPECIFICATIONS

Feature	Detail
<b>Model Number</b>	TX4
<b>Brand</b>	MaedHawk
<b>Product Dimensions</b>	0.84 x 0.35 x 2.86 inches (72.6 x 21.3 x 8.5 mm)
<b>Item Weight</b>	0.441 ounces (12.5 Grams)
<b>Hardware Interface</b>	Bluetooth, Bluetooth 5
<b>Data Link Protocol</b>	Bluetooth, USB
<b>Data Transfer Rate</b>	3 Megabits Per Second
<b>Color</b>	Metal Silver
<b>Battery</b>	1 Lithium Ion battery (included)
<b>Battery Life</b>	Up to 9 hours (approx.)
<b>Charging Time</b>	Approx. 2 hours

Feature	Detail
Effective Range	Up to 25 meters (approx.)
Supported Codecs	aptX Low Latency, aptX, SBC



Image: A close-up of a microchip labeled "Bluetooth 5.0 CSR8670", indicating the advanced Bluetooth technology used in the device.

## WARRANTY AND SUPPORT

MaedHawk products are designed and manufactured to the highest quality standards. This product is covered by a limited warranty from the date of purchase. Please refer to the warranty card included in your package for specific terms and conditions.

For technical support, troubleshooting assistance, or warranty claims, please contact MaedHawk customer service through the retailer where you purchased the product or visit the official MaedHawk website for contact information.

**Important:** Keep your proof of purchase (receipt or order confirmation) for warranty purposes.