

MaedHawk BT200A

MaedHawk Bypass 2.0 Adapter User Manual

Model: BT200A

1. INTRODUCTION

The MaedHawk Bypass 2.0 Adapter is designed to enhance your motorcycle riding experience by enabling Apple CarPlay functionality without the need for a Bluetooth helmet headset. This device simulates a wireless headset, allowing audio from CarPlay to be routed directly through your motorcycle's built-in speakers. It also provides a convenient 45W USB-C passthrough charging port for your mobile devices, ensuring they stay powered during long rides. Enjoy seamless navigation, music, and audio prompts with stable Bluetooth 5.4 connectivity.

2. PRODUCT OVERVIEW

The MaedHawk Bypass 2.0 is a compact and efficient adapter that integrates seamlessly with compatible motorcycle infotainment systems. Its primary function is to bypass the requirement for a physical Bluetooth headset to activate Apple CarPlay, providing audio output through the motorcycle's speakers.

Key Features:

- **Bluetooth 5.4 Connectivity:** Ensures a stable and reliable wireless connection with a range of up to 15 meters.
- **CarPlay Headset Bypass:** Simulates a wireless headset to activate Apple CarPlay without a physical helmet headset.
- **Audio Output via Motorcycle Speakers:** Enjoy music, navigation, and audio prompts directly through your motorcycle's sound system.
- **45W USB-C Passthrough Charging:** Rapidly charge your devices with up to 45W power delivery while using the adapter.
- **Plug & Play Design:** Simple and quick installation.
- **Compact and Durable:** Designed for motorcycle environments.



Figure 2.1: The MaedHawk Bypass 2.0 Adapter, illustrating its USB-C power input (for connection to the motorcycle) and USB-C power output (for charging external devices).

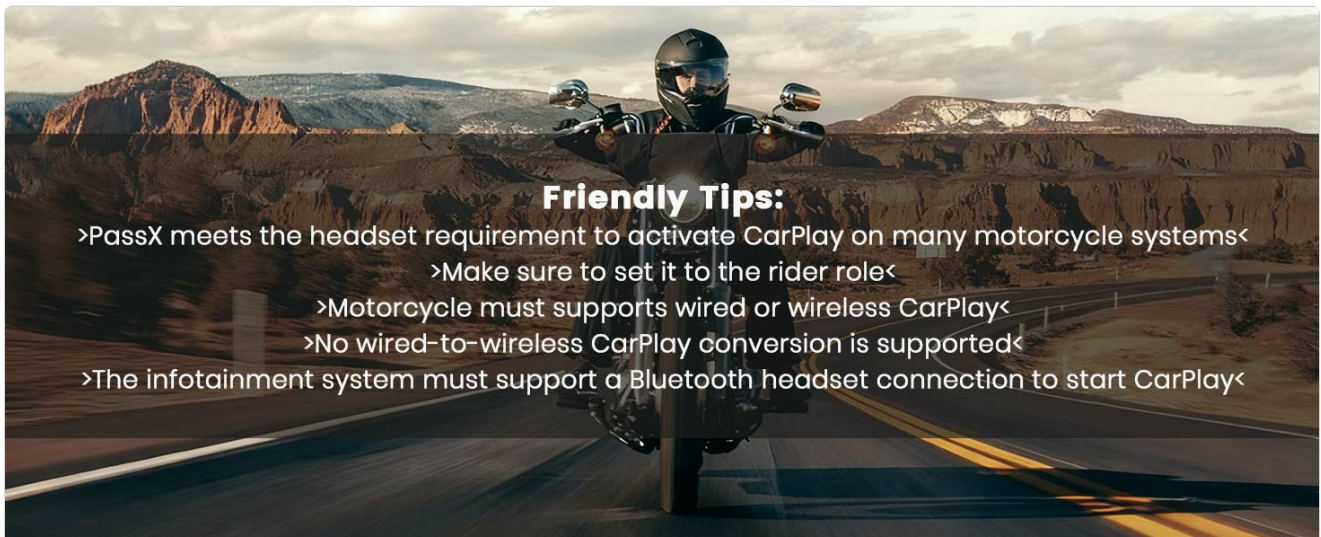
3. COMPATIBILITY

The MaedHawk Bypass 2.0 Adapter is compatible with specific motorcycle infotainment systems that support wireless CarPlay and Bluetooth headset connections.

- **Harley-Davidson Touring Models:** Compatible with 2024+ models featuring Skyline infotainment and 12.3-inch screens. Also compatible with older models equipped with a WHIM (Wireless Headset Interface Module).
- **Honda Goldwing:** Compatible with 2025 models. Older Goldwing models may require a USB-C to USB-A adapter for connection.

Important Compatibility Notes:

- This adapter **does not add CarPlay or Android Auto** to systems that do not already have it.
- It **cannot convert wired CarPlay to wireless CarPlay**. It only works with systems that already support wireless CarPlay.
- The motorcycle's infotainment system must support a Bluetooth headset connection to initiate CarPlay.
- Harley-Davidson Skyline OS does **not have built-in support for Android Auto**. Please verify if your motorcycle's system integrates Android Auto separately.
- The adapter **does not support microphone functionality** for Siri/Google Assistant or phone calls. This design allows for focused riding without distractions.



Friendly Tips:

- >PassX meets the headset requirement to activate CarPlay on many motorcycle systems<
- >Make sure to set it to the rider role<
- >Motorcycle must supports wired or wireless CarPlay<
- >No wired-to-wireless CarPlay conversion is supported<
- >The infotainment system must support a Bluetooth headset connection to start CarPlay<

Figure 3.1: Important tips regarding compatibility and functionality of the adapter, emphasizing the need for existing wireless CarPlay support and Bluetooth headset connection.

4. SETUP AND INSTALLATION

The MaedHawk Bypass 2.0 Adapter is designed for quick and easy installation.

1. **Connect the Adapter:** Plug the MaedHawk Bypass 2.0 Adapter into the USB-C port of your motorcycle's infotainment system. If your motorcycle only has a USB-A port, you will need a separate USB-A to USB-C adapter (not included).
2. **System Configuration:** Access your motorcycle's infotainment system settings. Ensure the system is configured to recognize the connected device as a 'rider' headset. This setting is crucial for the adapter to simulate a headset correctly and activate CarPlay.
3. **Placement:** For optimal signal strength and to prevent interference, ensure the adapter is placed in an open area, free from obstructions. Avoid enclosing it in tight compartments that might block Bluetooth signals.
4. **CarPlay Activation:** Once connected and configured, Apple CarPlay should automatically activate on your motorcycle's display.

EASY-GOING CARPLAY

Use key iPhone features like navigation or music on your bike
No fumbling with Phone while riding



Figure 4.1: The MaedHawk Bypass 2.0 Adapter connected to a motorcycle's USB-C port, with the CarPlay interface active on the dashboard display.

5. OPERATING INSTRUCTIONS

Once the MaedHawk Bypass 2.0 Adapter is successfully installed and CarPlay is active, you can begin using its features.

- **Navigation:** Use the CarPlay interface on your motorcycle's screen for turn-by-turn navigation, with audio prompts delivered through the motorcycle's speakers.
- **Music and Audio:** Play music, podcasts, or other audio content from your iPhone directly through the motorcycle's sound system.
- **App Access:** Access other compatible CarPlay applications for a connected riding experience.



Figure 5.1: A motorcycle dashboard showing the CarPlay navigation interface, demonstrating seamless integration for route guidance.

6. CHARGING FUNCTIONALITY

The MaedHawk Bypass 2.0 Adapter includes a 45W USB-C passthrough charging port.

- **Connect Your Device:** Plug your USB-C charging cable into the adapter's output port and connect it to your smartphone or other compatible device.
- **Fast Charging:** The adapter supports up to 45W power delivery, allowing for rapid charging of your devices during your ride.

7. MAINTENANCE

To ensure the longevity and optimal performance of your MaedHawk Bypass 2.0 Adapter, follow these simple maintenance guidelines:

- **Keep Clean:** Regularly wipe the adapter with a soft, dry cloth to remove dust and dirt. Avoid using harsh

chemicals or abrasive materials.

- **Protect from Elements:** While designed for motorcycle use, protect the adapter from extreme weather conditions, direct water exposure, and prolonged direct sunlight when not in use.
- **Proper Storage:** When not in use, store the adapter in a cool, dry place.

8. TROUBLESHOOTING

If you encounter issues with your MaedHawk Bypass 2.0 Adapter, refer to the following troubleshooting tips:

- **CarPlay Not Activating:**
 - Ensure the adapter is securely plugged into the motorcycle's USB-C port.
 - Verify that your motorcycle's infotainment system is compatible and supports wireless CarPlay.
 - Check the infotainment system settings to confirm the device is set to the 'rider' role.
 - Restart your motorcycle's infotainment system and reconnect the adapter.
- **No Audio Output:**
 - Confirm that the motorcycle's audio system is turned on and volume is adjusted.
 - Ensure the adapter is correctly simulating a headset (check system settings).
- **Signal Interference/Disconnections:**
 - Relocate the adapter to an open area on the motorcycle to avoid physical obstructions that might block Bluetooth signals.
 - Ensure no other strong wireless signals are causing interference nearby.
- **Charging Not Working:**
 - Verify that your charging cable is functional and properly connected to both the adapter and your device.
 - Ensure the motorcycle's USB port is providing power.
- **No Microphone Support:** This is an intended feature. The MaedHawk Bypass 2.0 Adapter does not support microphone input for calls or voice assistants to promote focused riding.

9. SPECIFICATIONS

Model Number	BT200A
Connectivity Type	USB Type C
Bluetooth Version	5.4
Input Voltage	5 Volts (DC)
Passthrough Charging Output	Up to 45W
Weight	20 Grams
Color	Black

10. WARRANTY AND SUPPORT

Warranty: The MaedHawk Bypass 2.0 Adapter comes with a **1-year warranty** from the date of purchase, covering manufacturing defects.

Customer Support: For any questions, technical assistance, or warranty claims, please contact MaedHawk customer support through the retailer's platform or the official MaedHawk website. Please have your purchase receipt and product model number (BT200A) ready when contacting support.