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OTTOCAST MX

OTTOCAST MX Wireless Apple CarPlay Android Auto Adapter User Manual

Model: MX

1. INTRODUCTION

The OTTOCAST MX is a versatile 3-in-1 adapter designed to convert your vehicle's wired Apple CarPlay and Android Auto systems into wireless functionality. It also integrates AirPlay for screen mirroring, providing a comprehensive in-car connectivity solution. This device aims to enhance your driving experience by offering fast connection speeds, smart switching capabilities, and stable wireless performance.

This manual provides detailed instructions for setting up, operating, and maintaining your OTTOCAST MX adapter. Please read it thoroughly before use to ensure proper functionality and to maximize your device's potential.

2. SAFETY INFORMATION

Please observe the following safety precautions to prevent damage to the device or injury to yourself:

- Ensure the device is installed securely and does not obstruct your view or interfere with vehicle controls.
- Avoid exposing the device to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- Do not attempt to disassemble, modify, or repair the device yourself. Refer to qualified service personnel for assistance.
- Keep the device away from strong magnetic fields, which may affect its performance.
- Use only the provided cables and accessories to prevent damage.
- Operate the device responsibly and avoid distractions while driving.

3. PACKAGE CONTENTS

Verify that all items are present in your product packaging:

- 1 x OTTOCAST MX Wireless Adapter
- 1 x USB Cable (Type-C to Type-A)
- 1 x USB Cable (Type-C to Type-C)
- 1 x User Manual (this document)

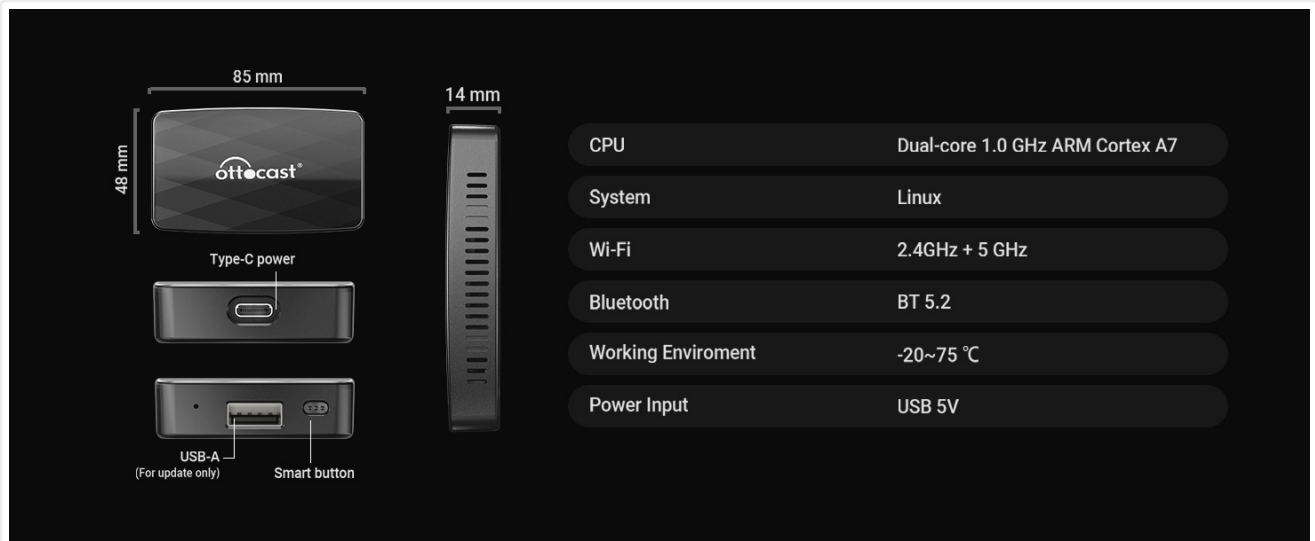


Image: Contents of the OTTOCAST MX package, showing the adapter, two USB cables (Type-C to A and Type-C to C), and the user manual.

4. SPECIFICATIONS

Feature	Specification
Model	MX
CPU	Dual-core 1.0 GHz ARM Cortex A7
Operating System	Linux
Wi-Fi Connectivity	2.4GHz + 5GHz Dual-band
Bluetooth Version	BT 5.2
Working Temperature	-20°C to 75°C (-4°F to 167°F)
Power Input	USB 5V
Dimensions (L x W x H)	85 mm x 48 mm x 14 mm (3.35 x 1.89 x 0.55 inches)
Item Weight	5 ounces (0.14 Kilograms)

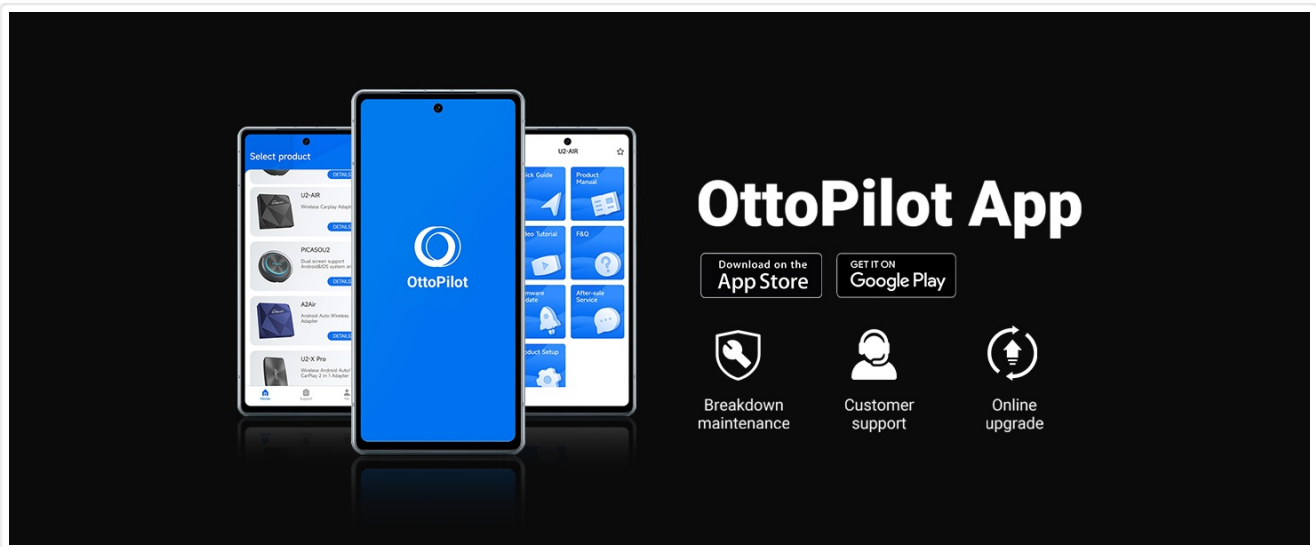


Image: Detailed diagram illustrating the physical dimensions and key technical specifications of the OTTOCAST MX adapter.

5. SETUP AND INSTALLATION

The OTTOCAST MX adapter is designed for simple plug-and-play installation. Follow these steps to set up your device:

1. **Locate your vehicle's USB port:** Identify the USB port in your car that supports wired Apple CarPlay or Android Auto. This is typically a USB-A or USB-C port.
2. **Connect the adapter:** Use one of the provided USB cables (Type-C to Type-A or Type-C to Type-C, depending on your car's port) to connect the OTTOCAST MX adapter to your vehicle's USB port.
3. **Power on your vehicle:** Start your car's ignition. The adapter will power on automatically.
4. **Initial connection:** On your car's infotainment screen, you should see an interface from the OTTOCAST MX. Follow the on-screen prompts to pair your smartphone via Bluetooth.
5. **Enable Wireless CarPlay/Android Auto:** Once paired via Bluetooth, your phone will automatically connect to the adapter's Wi-Fi for wireless CarPlay or Android Auto functionality.

Easy to install

Simply Plug and Play



Image: The OTTOCAST MX adapter connected to a car's USB port, illustrating the simple plug-and-play installation process.

Before



Too much data cables
Don't mix up your cables



Pull out your phone everytime to leave
Bid farewell to wired constraints



Hard to navigate
No need to use your phone for easy navigation.



Easily damaged cables
Stable connectivity wirelessly.

After



Going pass the wires

Image: A visual comparison highlighting the reduction of cable clutter in a car interior after installing the wireless adapter.

6. OPERATING INSTRUCTIONS

6.1 Wireless CarPlay and Android Auto

After initial setup, the adapter will automatically connect to your smartphone when you start your vehicle. The connection process typically takes approximately 14 seconds. The device utilizes dual Bluetooth 5.2 and dual Wi-Fi (2.4GHz and 5GHz) for stable and uninterrupted connectivity.

You can control CarPlay or Android Auto using your vehicle's existing control methods:

- Steering wheel controls
- Knob controls
- Touchpad
- Touchscreen
- Voice assistants (Siri for Apple CarPlay, Google Assistant for Android Auto)

6.2 Smart Device Switching

The OTTOCAST MX features a smart button for switching between connected devices and systems:

- **Single Press:** If you are currently connected with one phone, press the button once to disconnect and switch to another previously connected device. The adapter records the two most recently connected devices for quick switching.
- **Double Press:** After connecting the product to a power source, double-press the button to switch between CarPlay and AirPlay systems when the device is in an uncompleted link state (i.e., not actively connected to CarPlay/Android Auto).

Press and Switch

1 *Switch* Press once

If you are using a cell phone connection, press once to directly cut off the connection with device A, and then connect to device B, to achieve rapid switching to another

2 *Airplay* Press twice

After connecting the product to a power source, you can switch between CarPlay and AirPlay by pressing the button twice in the uncompleted link state.



Image: Explanation of the smart button's functionality for switching between connected phones (single press) and between CarPlay and AirPlay modes (double press).

6.3 Screen Mirroring (AirPlay)

The AirPlay feature allows you to mirror your iPhone's screen to your car's built-in display. This enables viewing of videos and other content directly on your car screen.

To use Screen Mirroring:

1. Ensure there is no active CarPlay connection. It is recommended to temporarily disable the Bluetooth signal from the OTTOCAST MX on your iPhone first.

2. Connect your iPhone to the adapter's Wi-Fi network.
3. On your iPhone, open the Control Center and select 'Screen Mirroring'.
4. Choose the OTTOCAST MX device from the list to begin mirroring.

Note: Screen Mirroring functionality primarily applies to Apple devices. For optimal performance, ensure your car's recorder Wi-Fi is set to not automatically join, as it may conflict with the mirroring Wi-Fi connection.

Watch whatever you want

Simply watch any videos with AirPlay at anytime from phone screen to car's built-in display



*The ScreenMirroring described in this article only applies to apple

Image: An example of an iPhone's screen being mirrored to a car's display, demonstrating the AirPlay feature for viewing video content.

To ensure the longevity and optimal performance of your OTTOCAST MX adapter, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the adapter. Avoid using liquid cleaners, aerosols, or solvents.
- **Storage:** When not in use for extended periods, store the adapter in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Care:** Handle USB cables carefully. Avoid bending or crimping them sharply, which can damage the internal wires.
- **Software Updates:** Regularly check for firmware updates through the official OTTOCAST channels or the OttoPilot App to ensure the best performance and compatibility.

8. TROUBLESHOOTING

If you encounter issues with your OTTOCAST MX adapter, refer to the following common troubleshooting steps:

8.1 General Connection Issues

- **No connection:** Ensure the adapter is securely plugged into the correct USB port in your car (the one that supports wired CarPlay/Android Auto). Restart your vehicle and your smartphone.
- **Slow connection:** Verify that your phone's Bluetooth and Wi-Fi are enabled. Ensure there are no other devices interfering with the wireless signal.
- **Intermittent disconnection:** Check for firmware updates for the adapter. Ensure your phone's operating system is up to date.

8.2 Screen Mirroring (AirPlay) Failure

If you experience issues with the screen casting function:

- **Check operation guide:** Review the screen casting operation steps provided in Section 6.3.
- **Clear connection records:** Clear the Bluetooth and Wi-Fi connection records related to the adapter on your smartphone. Restart your phone, then search for the adapter's Wi-Fi network to reconnect and attempt casting again.
- **Wi-Fi conflict:** If your car has a built-in Wi-Fi recorder, ensure its Wi-Fi is set to not automatically join networks, as it may conflict with the adapter's Wi-Fi for mirroring.



1 Ottoadapter MX

- 2 USB cable (Type-C to A)
- 3 USB cable (Type-C to C)
- 4 User Manual
- 5 Product Packaging

Image: Visual guide for troubleshooting common screen casting issues, including checking operation steps and clearing connection records.

9. WARRANTY AND SUPPORT

The OTTOCAST MX adapter comes with a **365-day warranty period**, covering free returns and exchanges for eligible issues. OTTOCAST is committed to providing high-quality products and customer service.

For technical assistance, troubleshooting, or warranty claims, please contact the OTTOCAST official support team. You can also utilize the **OttoPilot App** for breakdown maintenance, customer support, and online upgrades.

Image: The OttoPilot App, a resource for product support, maintenance, and software updates.