Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Road Top E90/E91/E92/E93

Road Top 12.3 Inch CarPlay Touchscreen User Manual

Model: BMW 3 Series E90/E91/E92/E93 (2005-2008 CCC System)

1. Overview

This manual provides detailed instructions for the installation, operation, and maintenance of your Road Top 12.3 Inch Ultra-Narrow Bezel CarPlay Touchscreen. This car stereo system is designed to enhance your driving experience with modern connectivity features while retaining your vehicle's original functionalities.

Key features include a 12.3-inch HD IPS touchscreen, wireless CarPlay and Android Auto, MirrorLink, and full retention of original car functions such as radio, amplifier, iDrive controls, and dashboard displays.

2. Product Features

- **12.3-inch HD IPS Touchscreen:** Features a 1920×720 high-definition IPS panel for stunning color accuracy, wide viewing angles, and crisp image quality. The ultra-narrow bezel design provides a sleek, modern aesthetic.
- **Wireless CarPlay & Android Auto:** Seamlessly integrate your smartphone for real-time navigation, phone calls, messages, music, and smart notifications via voice commands (Siri or Google Assistant).
- **100% Retention of Original Car Functions:** The Linux system adds new features without altering your factory radio, amplifier, iDrive joystick controls, rearview camera, or dashboard displays.
- **MirrorLink:** Project your smartphone screen onto the car stereo to stream content like Netflix or YouTube, or use third-party navigation apps.
- **Automatic Brightness Adjustment:** Intelligently switches brightness based on vehicle headlight status for comfortable viewing.

3. Package Contents

The product package includes the following items:

- Car Screen (12.3 inch)
- Power Cable
- USB Cable
- AUX Cable
- Bracket

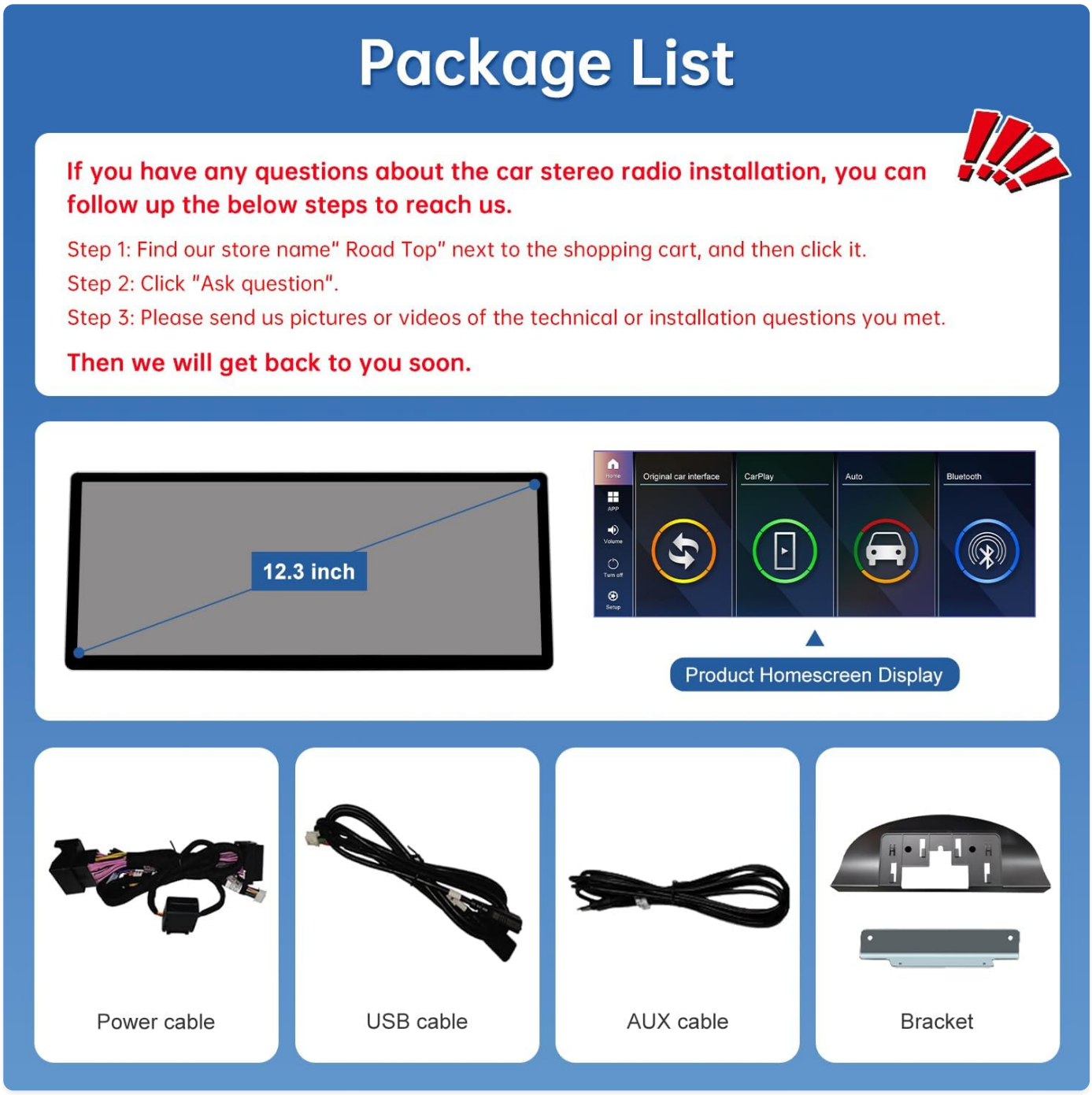


Figure 3.1: Included components in the product package.

4. Compatibility

This 12.3-inch ultra-narrow bezel CarPlay touchscreen is exclusively compatible with**2005–2008 BMW 3 Series models (E90/E91/E92/E93) equipped with the CCC system**. Your original factory car radio must have AUX or Bluetooth functionality, as the screen transmits audio via AUX or Bluetooth connection. This upgrade requires your vehicle to have a

factory-installed original screen; it is NOT compatible with cars that lack a factory screen.



Figure 4.1: Visual guide for vehicle compatibility with CCC system.

5. Setup and Installation

Installation requires dashboard removal for wiring connections. It is recommended to test all functions thoroughly before reinstalling your dashboard.

5.1 General Installation Steps

Your browser does not support the video tag.

Video 5.1: Detailed installation process for the BMW CarPlay touchscreen.

5.2 Optical Fiber Cable Installation

If your original power cord has a fiber optic cable, it must be removed and connected to the new power cord. If your car does not have a fiber optic cable, ignore this step.

Your browser does not support the video tag.

Video 5.2: Instructions on how to connect the fiber optic cable to the new power cable.

Your browser does not support the video tag.

Video 5.3: Guide to relocating optical cables to the Linux harness for BMW.

5.3 Installation Overview



Figure 5.1: Visual comparison of the dashboard before and after touchscreen installation.

6. Operating Instructions

6.1 Wireless CarPlay and Android Auto

Connect your smartphone wirelessly to access navigation, communication, and entertainment features directly on the touchscreen.



Figure 6.1: Wireless CarPlay and Android Auto functionality on the touchscreen.

Your browser does not support the video tag.

Video 6.1: How to connect wireless CarPlay using the BMW screen as an example.

6.2 MirrorLink

Use MirrorLink to project your phone's screen onto the car stereo for enhanced entertainment options.

6.3 Sound Transmission Methods

Audio can be transmitted via AUX cable or Bluetooth. Ensure your original factory car radio has AUX or Bluetooth functionality.

- **AUX Cable Transmission:** Connect the AUX cable to your car's AUX port. Select "AUX front" as the sound transmission method.
- **Bluetooth Transmission:** Pair your phone with the car's original Bluetooth. Then, in the system settings, turn on "Use Car's BT Channel" to activate Bluetooth functionality.

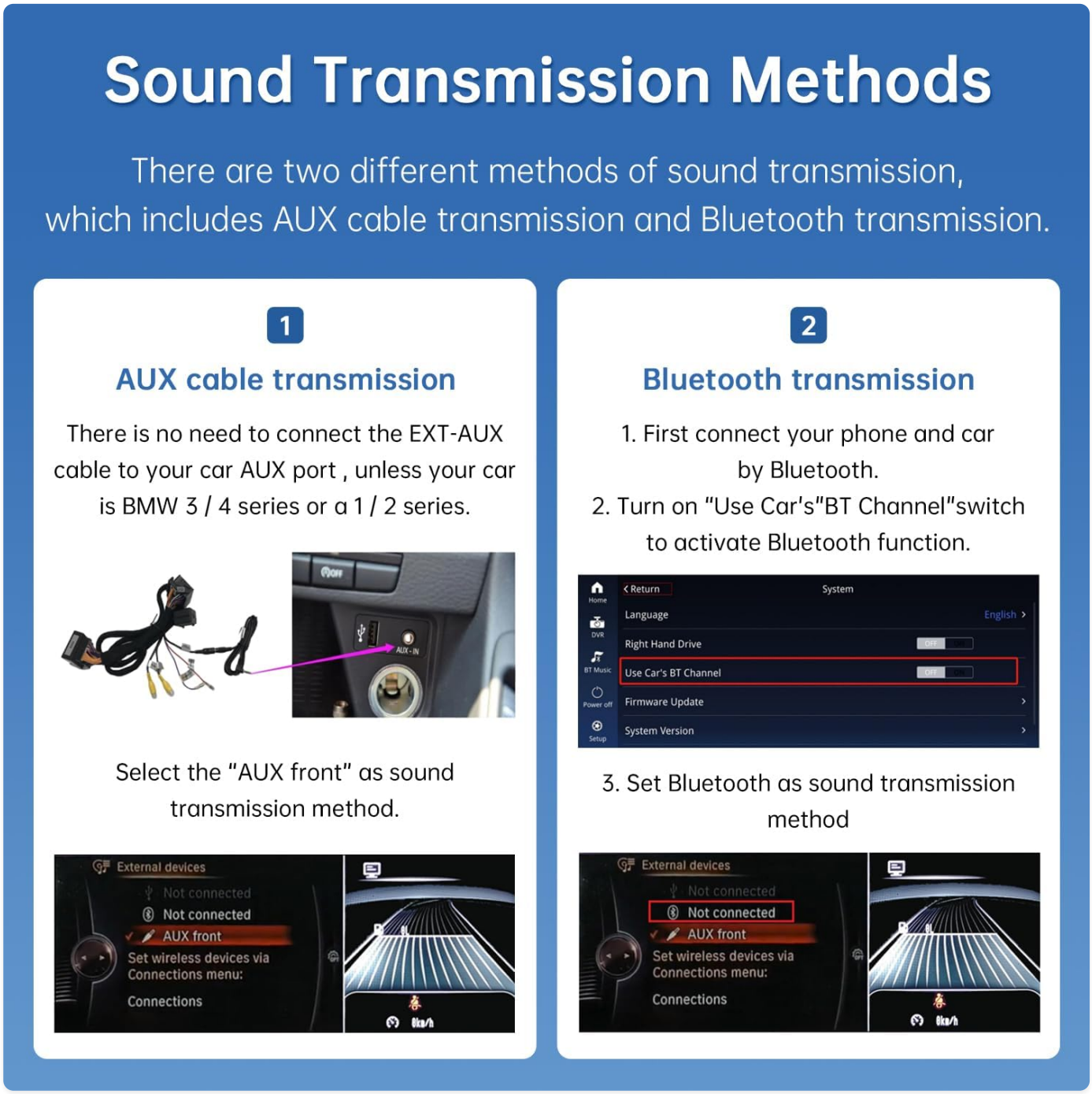


Figure 6.2: Sound transmission options via AUX or Bluetooth.

Your browser does not support the video tag.

Video 6.2: How to use the OEM Bluetooth for calls in CarPlay.

6.4 Dual System Switch

The system allows seamless switching between the OEM Radio System and the Road Top Linux System.



Figure 6.3: Interface for switching between original car system and Linux system.

Your browser does not support the video tag.

Video 6.3: Demonstration of the dual system switch on the BMW screen.

7. Settings

7.1 Language Setup

Your browser does not support the video tag.

Video 7.1: How to set up the language on the Linux Touchscreen.

7.2 Original Resolution Settings

Your browser does not support the video tag.

Video 7.2: Instructions for setting the original resolution for BMW.

8. Maintenance

To ensure optimal performance and longevity of your touchscreen, follow these maintenance guidelines:

- Regularly clean the screen with a soft, lint-free cloth. Avoid abrasive cleaners.
- Keep the unit free from dust and debris.
- Avoid exposing the unit to extreme temperatures or direct sunlight for prolonged periods.
- Ensure all connections are secure and free from damage.

9. Troubleshooting

Most issues stem from incorrect wiring or settings. If you encounter problems, please refer to the following:

- **No Sound:** Verify that the fiber optic cable (if applicable) is correctly installed and that the sound transmission method (AUX/Bluetooth) is properly configured in the settings.
- **Display Issues:** Check the screen resolution settings to ensure it matches your original vehicle's display.
- **CarPlay/Android Auto Connection Problems:** Ensure your phone's Bluetooth is connected to the original car system, and then connect to the Linux system's Bluetooth.
- **General Malfunctions:** Double-check all wiring connections. If issues persist, contact customer support.

9.1 Contacting Technical Support

For professional sales and technical support, please follow these steps:

1. Find the store name "Road Top Direct" next to the shopping cart on the product page.
2. Click "Ask a question".
3. Send pictures or videos detailing your technical or installation questions.

Our team is available to help troubleshoot and resolve problems quickly. Pro Tip: Test all functions thoroughly before reinstalling your dashboard to avoid unnecessary returns!

10. Specifications

Feature	Detail
Screen Size	12.3 Inches
Display Resolution	1920x720 (HD IPS)

Connectivity Technology	Bluetooth, Wireless CarPlay, Wireless Android Auto
Compatible Devices	Smartphone
Item Weight	3.3 pounds
Package Dimensions	15.55 x 7.24 x 6.81 inches

11. Warranty and Support

This product is backed by the manufacturer's warranty. For specific warranty details, please refer to the product documentation included in your package or contact Road Top Direct customer support through the Amazon platform as described in the Troubleshooting section.

Road Top Direct offers professional sales and technical support to assist with any questions or issues you may encounter during installation or use.

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

https://manuals.plus/asin/B0F3N7Q4XW

More documents and user manuals: **https://manuals.plus/**