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Road Top 8.9-inch CarPlay Screen

Road Top 8.9-inch CarPlay Screen User Manual

For BMW 3 Series (E90, E91, E92, E93) & 5 Series (E60, E61) with CIC System

1. Introduction

This manual provides comprehensive instructions for the installation, setup, and operation of your Road Top 8.9-inch CarPlay Screen. Please read this manual thoroughly before installation and use to ensure proper functionality and to avoid damage.

1.1. Product Overview

The Road Top 8.9-inch CarPlay Screen is an advanced multimedia upgrade designed to integrate wireless CarPlay, Android Auto, and Mirrorlink functionalities into your BMW's existing CIC system. It features a high-definition touchscreen display and retains all original vehicle functions.

1.2. Compatibility

This unit is compatible with specific BMW models equipped with the CIC system. Please verify your vehicle's model, year, and original radio interface before proceeding with installation.

- **BMW 3 Series:** E90, E91, E92, E93 (Model Years: 2008-2013)
- **BMW 5 Series:** E60, E61 (Model Years: 2008-2013)
- **Required:** Vehicle must have the original CIC system, factory screen, and AUX audio input.
- **Not Compatible:** CCC or EVO systems.



Image 1.1: Visual guide for checking vehicle compatibility. Ensure your BMW's dashboard and original radio menu match the compatible examples shown.

2. Package Contents

Please check the contents of your package against the list below. If any items are missing or damaged, contact customer support immediately.

- 8.9-inch Linux Screen
- Display Frame
- Power Cable Harness
- USB Harness
- User Manual



Image 2.1: Visual representation of all items included in the product package.

3. Installation

Installation of this product requires disassembling parts of your vehicle's dashboard. It is recommended that installation be performed by a qualified professional to prevent damage to your vehicle or the product.

3.1. Pre-Installation Notes

- Disconnect the vehicle's battery before starting any electrical work.
- Ensure all original vehicle functions are working correctly before installation.
- Most installation issues arise from incorrect cable connections or settings. Double-check all connections.
- **Important:** Test all functions of the new screen thoroughly before reassembling the dashboard completely.

3.2. General Installation Steps

Detailed, step-by-step installation instructions, including dashboard removal and wiring diagrams, are provided in the dedicated user manual included in your package. Please refer to that document for precise guidance.

1. Carefully remove the necessary dashboard trim and the original display unit.
2. Connect the provided power cable harness and other necessary cables to the original wiring and the new screen unit.
3. Mount the new 8.9-inch screen into the dashboard opening.
4. Reconnect the vehicle's battery and perform initial function tests.
5. If all functions operate correctly, reassemble the dashboard trim.

4. Initial Setup

4.1. Language Setup

To change the system language, navigate through the settings menu on your new screen.

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Video 4.1: Demonstrates how to access the language settings menu and select your preferred language on the Linux touchscreen.

4.2. Wireless CarPlay Connection

Follow these steps to connect your iPhone wirelessly to CarPlay:

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Video 4.2: Step-by-step guide on connecting your iPhone to the screen for wireless CarPlay functionality.

4.3. Wireless AirPlay Connection

To use wireless AirPlay for screen mirroring from your iPhone, follow these instructions:

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Video 4.3: Instructions for establishing a wireless AirPlay connection from your iPhone to the display.

4.4. Wireless Android Auto Connection

For wireless Android Auto, ensure your Android phone supports wireless Android Auto. The connection process is similar to CarPlay, typically involving Bluetooth pairing followed by Wi-Fi connection.

5. Operating Instructions

5.1. Switching Between Original and New Systems

You can seamlessly switch between your BMW's original CIC interface and the new Linux system interface.

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Video 5.1: Demonstrates how to switch between the original BMW system and the new CarPlay/Android Auto interface.

5.2. CarPlay, Android Auto, and Mirrorlink Usage

Once connected, you can access navigation, make calls, send messages, play music, and use compatible apps directly from the touchscreen or via voice commands (Siri/Google Assistant).



Image 5.1: Examples of Wireless CarPlay, Android Auto, and Mirrorlink in operation.

5.3. Sound Transmission Methods

Audio from the new system can be transmitted to your car's speakers via AUX cable or Bluetooth.



Image 5.2: Explanation of how to transmit audio from the new screen to your vehicle's sound system.

5.4. Reverse Camera & Parking Assistance

The system supports your OEM factory reverse camera and parking radar display. It is also compatible with aftermarket backup cameras, front view cameras, and DVR video input (CVBS signal).



Image 5.3: Visual of the reverse camera display and parking sensor integration.

5.5. Menu Display Interface

Explore the various menus and settings available on the Linux touchscreen interface.

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Video 5.4: A detailed walkthrough of the menu display interface on the BMW Linux Touchscreen.

6. Features Overview

The Road Top 8.9-inch CarPlay Screen offers a range of features to enhance your driving experience:

- **Fast Linux System:** Provides smooth operation, quick app switching, and stable performance.
- **8.9-inch HD Touchscreen:** Features a 1920x720 resolution for clear visuals and responsive touch control,

supporting 1080P video playback.

- **Wireless CarPlay & Android Auto:** Seamless integration of smartphone features for navigation, communication, and entertainment.
- **Mirror Link Function:** Supports Air-Play and Android Mirror-Link for displaying smartphone content on the car screen.
- **OEM System Retained:** All original BMW functions, including iDrive control, factory radio, amplifier, parking sensors, and OEM reverse camera, are fully preserved. No coding or ECU modification is required.
- **Automatic Light Sensitivity:** Intelligently adjusts screen brightness between day and night modes based on vehicle headlight status for optimal viewing comfort.



Image 6.1: A visual comparison showing the original car display versus the upgraded 8.9-inch Road Top screen.

7. Troubleshooting

If you encounter issues with your Road Top CarPlay screen, please refer to the following common solutions:

- **No Power/Screen Blank:** Check all power cable connections. Ensure the vehicle's ignition is on.
- **No Sound:** Verify the AUX audio input is correctly selected on your original BMW system. Check the sound transmission method (AUX/Bluetooth) settings on the new screen.
- **CarPlay/Android Auto Not Connecting:** Ensure Bluetooth and Wi-Fi are enabled on your smartphone. Forget previous connections and try pairing again. Check the screen's settings for any connection preferences.
- **Original Functions Not Working:** Double-check all harness connections to ensure they are secure and correctly routed.
- **Touchscreen Unresponsive:** Restart the vehicle and the screen. Ensure no protective films are interfering with touch input.

For persistent issues, please consult the detailed troubleshooting section in your included user manual or contact Road Top customer support.

8. Specifications

Feature	Specification
Brand	Road Top
Model Name	Road Top 2026
Screen Size	8.9 inches
Display Type	Touch Screen
Resolution	1920 x 720 HD
Operating System	Linux
Connectivity Technology	Bluetooth, Wi-Fi
Special Features	Wireless CarPlay, Wireless Android Auto, Mirrorlink, OEM System Retention
Compatible Vehicle Type	BMW 3 Series (E90/E91/E92/E93), BMW 5 Series (E60/E61) with CIC System

9. Warranty and Support

9.1. Warranty Information

This product comes with a manufacturer's warranty. Please refer to the warranty card included in your package or contact Road Top customer service for specific details regarding warranty duration and terms.

9.2. Customer Support

For technical assistance, troubleshooting, or any inquiries regarding your Road Top 8.9-inch CarPlay Screen, please contact Road Top Direct through the platform where you purchased the product or visit the official Road Top website for support contact information.

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

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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.

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