Road Top 8.9 Inch Car Touchscreen Receiver

Road Top 8.9 Inch Car Touchscreen Wireless CarPlay Android Auto Receiver Instruction Manual

For BMW 3 Series (E90/E91/E92/E93) and 5 Series (E60/E61) with CIC System (2008-2013 Models)

1. Product Overview

The Road Top 8.9 inch Car Touchscreen Receiver is designed to upgrade your BMW's infotainment system while retaining the original OEM functionalities. This unit integrates wireless CarPlay, wireless Android Auto, and wireless mirrorlink capabilities into your vehicle's existing CIC system.



Image: The 8.9-inch touchscreen unit seamlessly integrated into a BMW dashboard, showcasing the CarPlay interface with various application icons.

2. Compatibility

This receiver is compatible with specific BMW 3 Series and 5 Series models equipped with the CIC system. Please verify your vehicle's model and year before installation.

- **BMW 3 Series:** E90, E91, E92, E93 (2008-2013 models) with CIC system.
- **BMW 5 Series:** E60, E61 (2008-2010 models) with CIC system.

Note: This unit is not compatible with vehicles that do not have a factory car screen. It is also not suitable for BMW 5 Series F10 models; a different product link is required for those vehicles.

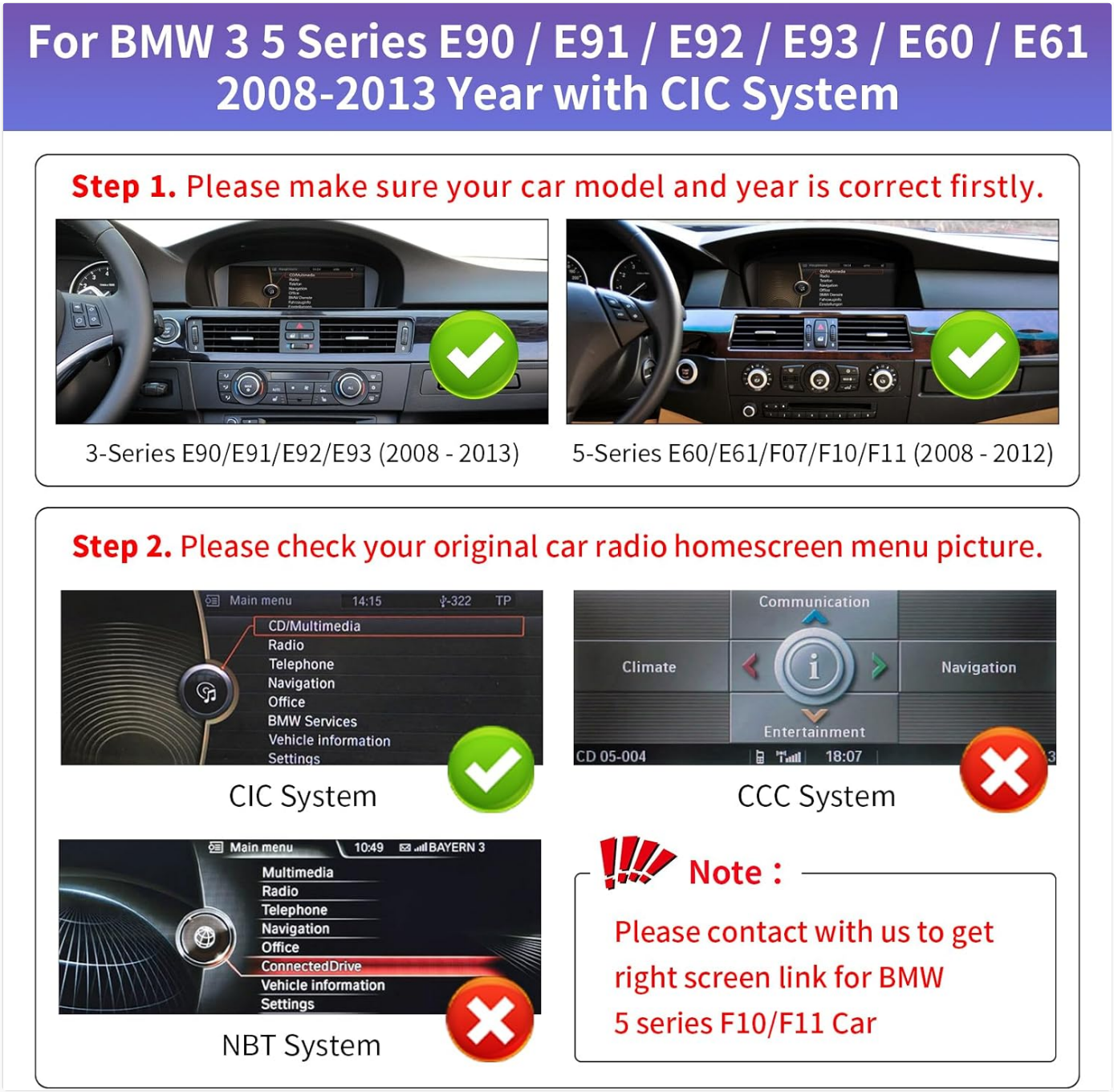


Image: Visual guide for car model and system compatibility, highlighting the required CIC system.

3. Installation

Installation requires accessing the car dashboard to connect wiring. It is crucial to ensure all connections are correct and all features are tested before reassembling the dashboard components. Incorrect cable connections or settings are common causes of issues.

Recommendation: If you encounter any difficulties during installation, it is advisable to seek assistance from a professional car audio technician or contact Road Top support.

4. Setup

4.1 System Switching (New / Original System)

The unit allows seamless switching between the new Linux-based system (with CarPlay/Android Auto) and your car's original OEM system.

- To return to the new system from the original system, touch anywhere on the screen.
- To return to the original system from the new system, click the "Original car interface" icon on the new system's home screen.
- Alternatively, hold the **Menu Button** on your iDrive controller for 3 seconds to switch between the new system and the original system.

Note: The original system does not support touch input; control is maintained via the iDrive controller.

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Video: Demonstrates how to switch between the new touchscreen interface and the original BMW system using both touch and the iDrive controller.

4.2 Wireless AirPlay Connection

To connect your iPhone wirelessly via AirPlay, follow these steps:

1. Ensure the "AirPlay" option is enabled in the unit's settings:**Setup > Smart Phone > Smart Phone Setting**
2. On your iPhone, go to Wi-Fi settings and search for the device's Wi-Fi name, typically starting with "CAR-XXXX". Connect to it.
3. If prompted for a password, enter "66668888".
4. From your iPhone's Control Center, select "Screen Mirroring" and choose "AirPlay" to initiate the connection.

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Video: Step-by-step guide on connecting an iPhone to the unit using Wireless AirPlay, including Wi-Fi connection and screen mirroring.

4.3 Language Setup

To change the system language:

1. Navigate to **Setup > System > Language**.
2. Select your preferred language from the list.

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Video: Instructions for accessing the language settings and selecting a different language on the unit.

4.4 AUX Volume Adjustment

To adjust the AUX input volume:

1. Access the CD/Multimedia menu on your original car system.
2. Select "External devices".
3. Choose "AUX front" and adjust the volume level as needed.

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Video: Guide on how to navigate the original BMW system to adjust the AUX input volume for optimal audio output.

5. Operating Instructions

5.1 Wireless CarPlay and Android Auto

The unit supports wireless CarPlay and Android Auto, allowing seamless integration of your smartphone's features, including navigation, music, and communication, directly onto the car's display.



Image: Illustrates the new user interface and how CarPlay and Android Auto integrate while preserving the OEM system.

5.2 Wireless / Wired Mirrorlink

Mirrorlink functionality is available for both iOS and Android phones, allowing you to display your phone's screen content directly on the car's touchscreen.



Image: Demonstrates the Mirrorlink feature, showing a smartphone screen duplicated on the car's display.

5.3 Day and Night Mode

The system features automatic light sensitivity, adjusting the display between day and night modes based on your car's original headlights. This enhances visual comfort during different lighting conditions.

Day And Night Mode

Automatic light sensitivity adjusts the day and night mode according to your car's original headlights



Image: Depicts the automatic day and night mode adjustment of the screen based on ambient light.

5.4 Display Resolution

The 1920x720 HD resolution TFT screen provides a clear picture, higher color brightness, and an improved visual experience for all displayed content.

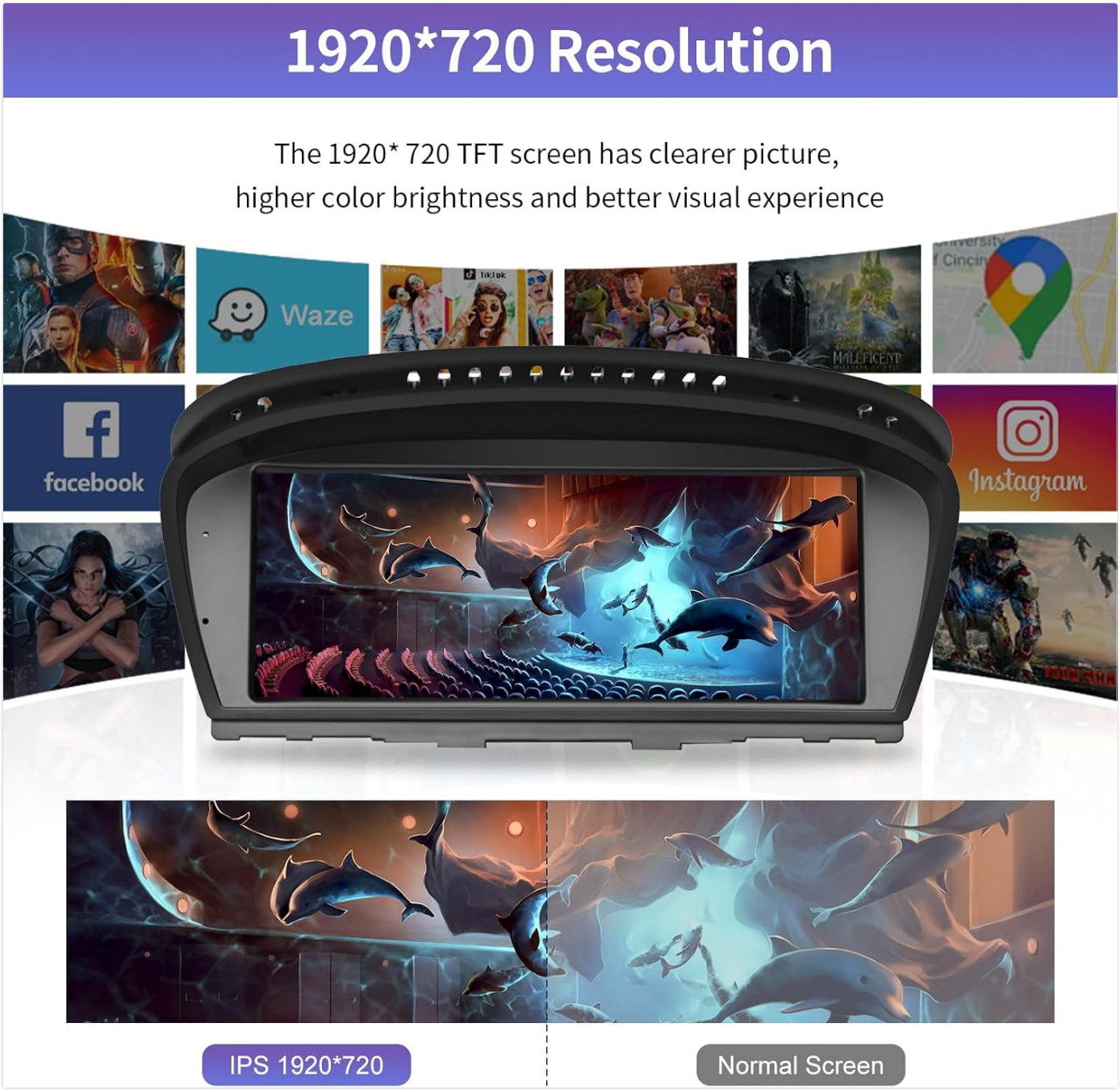


Image: Highlights the 1920x720 resolution and its visual benefits compared to a standard screen.

5.5 Camera Support

The unit supports both factory original reverse cameras and aftermarket reverse cameras. When the vehicle is put into reverse, the camera view will automatically display. It also supports front view camera DVR (CVBS input). Please note that aftermarket 360-degree cameras are not supported.

5.6 Control Methods

The Linux system car screen supports both hand touch control and the original steering wheel control buttons, including voice control, telephone, and other voice-related functions.

5.7 Sound Modes

The unit supports two sound modes: AUX and Bluetooth. It features a built-in Bluetooth module for direct phone connection and includes DSP functions to enhance audio quality, especially for cars without an AUX port.

6. Product Information and Included Components

The package includes the main car screen unit and necessary accessories for installation and operation.



Image: Detailed view of the product, including its front and back, homescreen, and the various cables and bracket supplied.

Included Components:

- Car Screen Unit
- Power Cable
- USB Cable
- AUX Cable
- Mounting Bracket

7. Troubleshooting

Many common issues arise from incorrect cable connections or improper settings. It is recommended to thoroughly check

all wiring and configuration settings if you encounter problems.

Common Issues and Solutions:

- **No Sound or Distorted Audio:** Verify that the AUX input is correctly selected and the volume is adjusted. Ensure all audio cables are securely connected. For CIC systems, confirm that the ground wire on the harness is connected, as disconnecting it can cause distortion.
- **Screen Buggy in OEM Interface:** This may indicate an incorrect resolution setting. Adjust the resolution in the unit's settings to match your CIC system's requirements (e.g., 1080x800).
- **CarPlay/Android Auto Connection Issues:** Ensure the AirPlay/Android Auto option is enabled in settings and your phone's Wi-Fi and Bluetooth are active and connected to the unit.
- **Backup Camera Not Working:** Check the RCA cable connection and ensure the supplemental power wire for the camera is correctly connected to the "reverse cam pwr" wire on the harness and the camera's power in the trunk.

For persistent issues, please contact Road Top customer support for assistance. They can provide detailed guidance for troubleshooting and resolving problems.

8. Specifications

Feature	Specification
Item Weight	3.52 pounds
Package Dimensions	12.76 x 7.13 x 5.51 inches
Display Size	8.9 Inches
Voice Command	Buttons, Touchscreen
Screen Resolution	1920 x 720 (HD)
Connectivity Technology	Bluetooth
Mounting Type	Dashboard Mount
Audio Output Mode	Stereo

9. Warranty and Support

The Road Top 8.9 Inch Car Touchscreen Receiver comes with a 1-year warranty.
For technical support, troubleshooting assistance, or warranty claims, please contact Road Top Direct through the seller contact options on the product's purchase page. It is recommended to confirm all features are working correctly before finalizing the installation.

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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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