Road Top 12.3 Inch for Q5 with 3GMMI

Road Top 12.3 Inch Car Radio Wireless CarPlay Touchscreen for Audi Q5 (2009-2017) Instruction Manual

Model: 12.3 Inch for Q5 with 3GMMI

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Road Top 12.3 Inch Car Radio Wireless CarPlay Touchscreen. This system is designed to upgrade your Audi Q5's original screen, adding advanced features while retaining existing functionalities.

1.1. Product Overview

The Road Top 12.3-inch Ultra-Narrow CarPlay Touchscreen replaces your factory car screen with a high-resolution (1920x720) display. It integrates wireless CarPlay, wireless Android Auto, and Mirrorlink functionalities, enhancing your in-car multimedia experience. The system maintains original car features such as the radio, amplifier, and reversing camera.

1.2. Compatibility

This product is compatible with Audi Q5 models manufactured between 2009 and 2017, specifically those equipped with the 3G MMI system. It is not compatible with 2G MMI systems or Audi A4/A5 models. Please verify your vehicle's MMI system and knob position before installation.

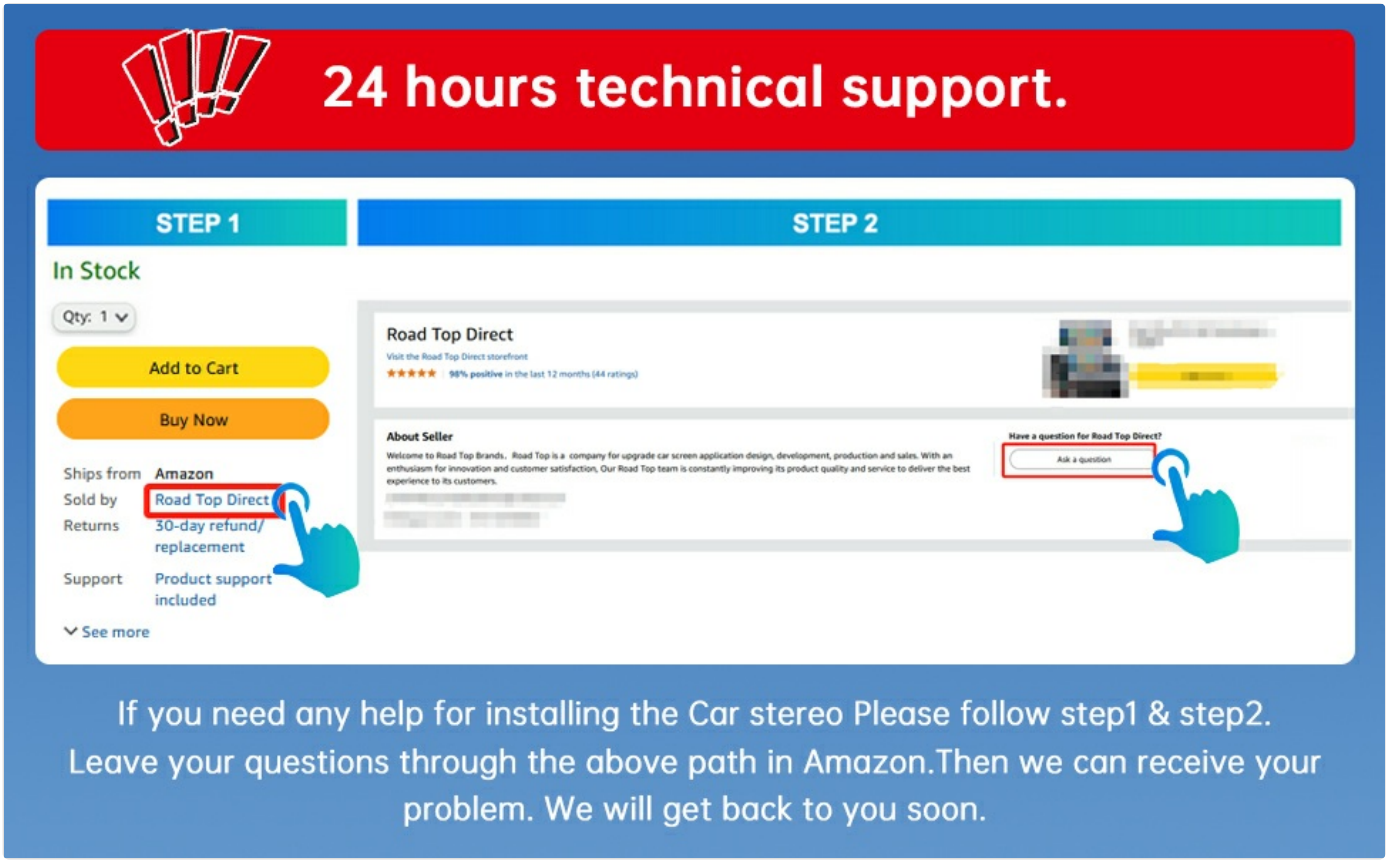


Figure 1: Compatibility check for Audi Q5 (2009-2017) with 3G MMI system. Ensure your car's knob position matches the green checkmark and your MMI system is 3G+ or 3G Low/Basic.

2. Package Contents

Verify that all items listed below are included in your package:

- 12.3 Inch Linux Screen
- Power Cable
- USB Cable
- Emergency Light Cable
- Bracket
- AMI Cable / Screws
- Iron Frame



Figure 2: Contents of the product package. Ensure all listed items are present before proceeding with installation.

3. Installation Guide

Professional installation is recommended for this product. The installation process involves removing parts of the car dashboard to connect wires. No original wires need to be cut. It is crucial to test all features before reassembling the dashboard to avoid repeated disassembly.

3.1. Pre-Installation Checks

- Confirm vehicle compatibility (Audi Q5 2009-2017 with 3G MMI).
- Ensure all package contents are present and undamaged.
- Gather necessary tools (e.g., panel removal tools, screwdrivers). A separate radio removal kit may be required.

3.2. Installation Steps (Overview)

1. Carefully remove the original car radio and screen.
2. Disconnect existing cables from the original components.
3. Connect the provided wiring harness to the car's existing wiring and the new screen.
4. Route cables as necessary, often involving accessing the glove box area for gateway connections.
5. Mount the new 12.3-inch touchscreen using the provided bracket and iron frame.
6. Perform initial testing of all functions (power, audio, CarPlay/Android Auto, camera) before fully reassembling the dashboard.
7. Reassemble the dashboard components.

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Video 1: Overview of the 12.3" Ultra-Narrow Linux Touchscreen for Audi Q5 2009-2017, demonstrating its appearance and basic functionality in a vehicle. This video provides a visual introduction to the product.

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Video 2: Detailed comparison of the 12.3 inch Ultra-Narrow Touchscreen with an older screen, highlighting its thinner profile and smaller frame for a

more integrated look. This video focuses on the physical design advantages.

4. Setup

4.1. Initial Power-On

After installation, turn on your vehicle's ignition. The new screen should power on automatically, displaying the main interface.

4.2. Language Setup

To change the system language:

1. From the main menu, tap "Setup".
2. Select "System".
3. Choose "Language" and select your preferred language from the list.

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Video 3: Demonstrates how to navigate the settings to change the language on the Linux Touchscreen. This video is applicable for setting up the display language.

5. Operating Instructions

5.1. System Switching (OEM vs. New System)

The system allows seamless switching between the factory MMI system and the new Linux system. You can switch by:

- Tapping the "OEM" icon on the new system's home screen to return to the original MMI.
- Touching any position on the screen while in the original MMI system to switch back to the new system.
- Holding the Menu button on your car's MMI controller for 3 seconds to switch between systems.

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Video 4: Illustrates the dual system switch functionality, showing how to transition between the new Linux system and the original MMI system using both touch and physical controls.

5.2. Wireless CarPlay & Android Auto

Connect your smartphone wirelessly to access Apple CarPlay or Android Auto. This enables navigation, calls, messages, and music playback directly on the touchscreen.

1. Ensure the "CarPlay" or "Android Auto" option is enabled in the system's Smart Phone settings.
2. Turn on Wi-Fi and Bluetooth on your smartphone.
3. Search for the screen's Wi-Fi name (e.g., "CAR-XXXX") and connect.
4. Search for the screen's Bluetooth name (e.g., "CAR-BT-XXXX") and pair.
5. Allow contact and favorites sync if prompted.
6. Confirm "Use CarPlay" or "Use Android Auto" on your phone.

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Video 5: Step-by-step guide on how to connect your smartphone to Wireless CarPlay. This video uses a BMW screen as an example, but the steps are generally applicable.



Figure 3: Wireless CarPlay and Android Auto in action, displaying navigation, music, and phone call features.

5.3. Mirrorlink

The Mirrorlink function allows you to mirror your smartphone's screen onto the 12.3-inch HD display. This supports wireless Airplay for iPhones and Autolink for Android phones, enabling you to view movies, maps, and pictures.

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Video 6: Demonstrates how to connect to wireless Airplay for screen mirroring. This video uses a BMW screen as an example, but the connection process is similar.

5.4. Navigation & Voice Control

Utilize your preferred navigation apps through CarPlay or Android Auto. Voice control features (e.g., Siri, Google Assistant) are supported, allowing for hands-free operation for safer driving.

5.5. Camera Functions

The system supports your original factory reversing camera and aftermarket reverse cameras. It does not support aftermarket front cameras or aftermarket 360 cameras.

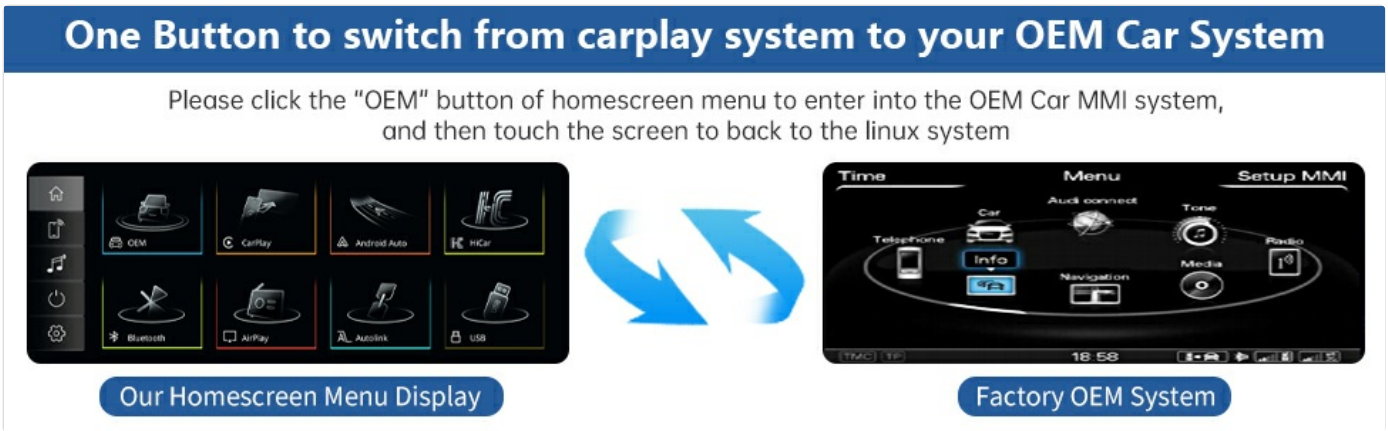


Figure 4: Reversing camera view on the touchscreen, showing parking radar and guidelines.

6. Troubleshooting

This section addresses common issues you might encounter:

- **No Audio Output:** Ensure the car stereo sound works via AUX or Bluetooth channel. Check all cable connections, especially the main square cable and the modified square cable to the radio box. A factory reset and re-pairing Bluetooth may resolve the issue.
- **Airbag Light On:** A separate adapter may be required for the airbag light. Consult a professional installer if this issue persists after installation.
- **Connection Issues (CarPlay/Android Auto):** Verify Wi-Fi and Bluetooth are enabled on your phone and correctly paired with the screen. Ensure the respective options are turned on in the screen's Smart Phone settings.
- **Screen Not Responding to Touch:** The original MMI system does not support touch control. Ensure you are in the new Linux system interface for touch functionality.
- **General Malfunctions:** Many problems can arise from incorrect cable connections or settings. Confirm all features work before reassembling the dashboard.

7. Specifications

Feature	Detail
Screen Size	12.3 inches
Resolution	1920 x 720 HD
Operating System	Linux
Connectivity	Wireless CarPlay, Wireless Android Auto, Mirrorlink (Airplay, Autolink), Bluetooth, USB
Control Type	Hand Touch Control, Original MMI Controller
Compatible Devices	Smartphone
Audio Output Mode	Stereo
Item Weight	5.5 pounds
Package Dimensions	15.55 x 7.24 x 6.81 inches

8. Warranty and Support

For technical support or warranty inquiries, please contact Road Top Direct through the Amazon platform. Most issues can be resolved with proper cable connection and settings adjustments.

Figure 5: Road Top brand logo.

To contact support:

1. Visit the product page on Amazon.
2. Click on "Road Top Direct" (the seller name).
3. Click the "Ask a question" button to send your inquiry.

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