Road Top 763684289849

Road Top Wireless Carplay Android Auto Retrofit Kit User Manual

Model: 763684289849

1. Introduction

This user manual provides comprehensive instructions for the installation, operation, and maintenance of the Road Top Wireless Carplay Android Auto Retrofit Kit. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.
This kit is designed to integrate wireless Apple CarPlay and Android Auto functionalities into compatible Audi vehicles, enhancing your in-car entertainment and navigation experience while retaining the original MMI system.

2. Vehicle Compatibility

This Road Top Wireless Carplay Retrofit Kit Decoder is compatible with the following Audi models:

- Audi A4 (2008-2015) with 3GMMI System
- Audi A5 (2008-2015) with 3GMMI System
- Audi S4 (2008-2015) with 3GMMI System
- Audi S5 (2008-2015) with 3GMMI System
- Audi RS4 (2008-2015) with 3GMMI System
- Audi RS5 (2008-2015) with 3GMMI System
- Audi Q5 (2008-2015) with 3GMMI System

Important Note:

- Only compatible with MMI 3G System. Not compatible with MMI 2G System.
- Not suitable for vehicles with Concert or Symphony radio. If your Audi has a radio control knob between the LCD screen and climate control panel, and it says "Concert" or "Symphony Radio" on top of the radio, this kit is not compatible.
- For 2009 models, please verify your factory car knob position as shown in the image below to ensure compatibility.



Figure 2.1: Visual guide for MMI 3G system identification and knob position.

3. Package Contents

Verify that all components are present and undamaged before proceeding with installation.

Product Information





Figure 3.1: Included components of the retrofit kit.

- CarPlay Interface Decoder Box
- Power Cable
- LVDS Cable (2 pcs)
- RCA / USB Cable
- Wi-Fi Antenna
- AMI Cable
- Instruction Manual

4. Installation Guide

Installation of this kit requires removal of the car dashboard components to access the original CD host device. Professional installation is recommended. Ensure the vehicle's ignition is off and the battery is disconnected before beginning installation.

4.1. Pre-Installation Checks

1. Confirm vehicle compatibility (refer to Section 2).
2. Gather necessary tools (e.g., trim removal tools, Torx screwdrivers, radio removal keys).
3. Disconnect the vehicle's battery.

4.2. Disassembly Steps

1. Carefully remove the dashboard trim panels to expose the original CD host unit.
2. Use radio removal keys to extract the original CD host unit from the dashboard.
3. Disconnect existing wiring from the back of the CD host unit.

4.3. Module Connection

Connect the provided wiring harnesses to the CarPlay interface decoder box and the original CD host unit. Ensure all connections are secure and correctly aligned.

- Connect the Power Cable.
- Connect the LVDS Cables.
- Connect the RCA / USB Cable.
- Connect the Wi-Fi Antenna.
- Connect the AMI Cable (if applicable).



Figure 4.1: Overview of the CarPlay module and its integration into the car's system.

4.4. Module Placement and Reassembly

Carefully route all cables and find a suitable location for the CarPlay interface decoder box behind the dashboard. Many users find a gap above the AC controls to be ideal for fitting the module and new wiring.

1. Before fully reassembling, temporarily reconnect the vehicle battery and test all functions (refer to Section 5).
2. Once confirmed working, carefully push the original CD host unit back into place.
3. Reinstall all dashboard trim panels.

Note: *Most installation issues arise from incorrect cable connections or settings. If you encounter problems, double-check all connections before reassembling the dashboard.*

5. Operating Instructions

5.1. Switching Between Systems

To switch between the factory OEM car system and the CarPlay/Android Auto system, long-press the "NAV" or "MEDIA"

button on your MMI controller.



Figure 5.1: Illustration of switching between the original car system and the new interface.

5.2. Wireless CarPlay / Android Auto Connection

Once the module is installed, your car will automatically connect to your smartphone via Bluetooth and Wi-Fi for wireless CarPlay or Android Auto. Ensure Bluetooth and Wi-Fi are enabled on your phone.



Figure 5.2: Display of Wireless CarPlay and Android Auto interfaces.

5.3. Voice Control (Siri / Google Assistant)

The CarPlay interface supports Siri and Google Assistant voice control. This allows you to manage navigation, calls, and music without taking your hands off the steering wheel.



Figure 5.3: Examples of voice commands for navigation and messaging.

The system utilizes the OEM internal microphone for voice commands and calls, eliminating the need for an external microphone.

5.4. Steering Wheel and MMI Knob Control

The CarPlay interface decoder box supports the voice control button and Tel button on the steering wheel. Other steering wheel buttons are not supported. The original car knob control is fully supported for navigation within the CarPlay/Android Auto interface.



Figure 5.4: Depiction of original car knob and steering wheel button functionality.

5.5. Phone Mirroring (MirrorLink)

The kit supports wireless and wired MirrorLink functionality for both iOS (AirPlay) and Android (AutoLink) devices, allowing you to display your phone's screen on the car's display.



Figure 5.5: Example of phone mirroring in action.

5.6. Camera Functionality

The system supports various camera inputs:

- Factory original reverse camera and parking radar.
- Aftermarket reverse camera and 360-degree camera systems.
- Front view camera DVR (CVBS input).



Figure 5.6: Display of reverse camera view on the car screen.

5.7. Media Playback

The system allows playback of various media, including videos, TV news, and photos, via USB input. Ensure the "video in motion" feature is enabled for video playback while the vehicle is moving (consult local laws and regulations regarding video playback while driving).

Your browser does not support the video tag.

Video 5.1: Demonstration of media playback and system functionality.

6. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
No display after installation.	Incorrect wiring connections; incompatible MMI system.	Double-check all cable connections. Verify MMI system compatibility (3GMMI only).
CarPlay/Android Auto not connecting wirelessly.	Bluetooth/Wi-Fi not enabled on phone; incorrect settings.	Ensure phone's Bluetooth and Wi-Fi are on. Check system settings for proper pairing.
Siri/Google Assistant not responding.	Microphone issue; voice control not activated.	Ensure the OEM microphone is functioning. Verify voice control settings within the CarPlay/Android Auto interface.
Audio quality issues or no sound.	Incorrect audio source selection; volume levels.	Select "External Audio" as the source in your car's MMI system. Adjust volume levels on both the car and phone.
System freezes or crashes intermittently.	Software glitch; loose connection.	Restart the car and system. Check for any loose cable connections. Contact support if persistent.

For further technical assistance, please contact Road Top support through the Amazon platform by navigating to the seller's store page and using the "Ask a question" feature.

Figure 6.1: Guide to contacting Road Top technical support.

7. Specifications

Feature	Detail
Brand	Road Top
Model Number	763684289849
Compatibility	Audi A4, A5, S4, S5, RS4, RS5, Q5 (2008-2015) with 3GMMI System
Supported Functions	Wireless/Wired CarPlay, Wireless/Wired Android Auto, MirrorLink (AirPlay/AutoLink), Video Playback, Navigation, Camera Input (OEM/Aftermarket), Voice Control (Siri/Google Assistant)
Control Method	Original Car Knob Control, Steering Wheel Voice/Tel Buttons
Microphone	Utilizes OEM internal microphone
Connectivity Technology	Bluetooth, Wi-Fi
Item Weight	2.09 pounds
Package Dimensions	8.5 x 6.02 x 3.82 inches

Feature	Detail
Country of Origin	China

8. Warranty and Support

Road Top provides technical support for this product. For any issues or questions regarding installation or operation, please contact the seller directly through the Amazon platform. Most problems can be resolved with proper cable connection and settings adjustments.
Information regarding specific warranty periods or extended protection plans can typically be found on the product's purchase page or by contacting the seller directly.

- 2-Year Protection Plan (available for purchase)
- 3-Year Protection Plan (available for purchase)

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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

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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.

Submit question