

[Manuals.plus](#) /

› [Road Top](#) /

› Road Top Wireless CarPlay Android Auto Decoder Kit Instruction Manual for Audi A1 (2013-2018) with RMC System

Road Top A1

Road Top Wireless CarPlay Android Auto Decoder Kit

Instruction Manual for Audi A1 (2013-2018) with RMC System

1. IMPORTANT COMPATIBILITY NOTE

This decoder kit is specifically designed for Audi A1 models manufactured between 2013 and 2018 that are equipped with the **RMC system** and do not have factory navigation. It is **not compatible** with vehicles using the MMI 3G system.

How to Verify Your Car's Software Version:

1. Press and hold the 'Setup' or 'Menu' button on your car's radio.
2. Navigate to 'Version Information'.
3. Scroll down to 'Software version'.
4. Identify the first letters and numbers of the software version.
5. **RMC System:** The software version will typically start with 'RMC'.
6. **MMI 3G+ System:** The software version will typically start with 'HN+'.



Figure 1.1: Visual guide for identifying RMC vs. MMI 3G+ software versions in Audi A1.

2. PRODUCT OVERVIEW

The Road Top Wireless CarPlay Android Auto Decoder Kit is an interface box designed to integrate advanced smartphone connectivity into your Audi A1's existing RMC system. This is not a replacement screen; it enhances your original car display by adding features such as wireless CarPlay, wireless Android Auto, Mirrorlink, navigation support, and camera input, while retaining the factory system's functionality.

Key Features:

- Wireless/Wired Apple CarPlay
- Wireless/Wired Android Auto
- Mirrorlink functionality (AirPlay for iPhone, Autolink for Android)
- Support for factory reverse camera and parking radar
- Compatibility with aftermarket cameras (reverse, 360, front view DVR via CVBS input)
- Voice control integration (Siri, Google Assistant)
- Retains original car system and controls

3. SETUP AND INSTALLATION

Installation of this decoder kit requires careful handling and connection of cables behind your car's dashboard. It is recommended to consult a professional if you are not comfortable with automotive electronics installation.

Package Contents:

Product Information



Power cable



LVDS cable
(2 pcs)



RCA / USB
cable



Wi-Fi antenna



AMI cable



KT cable

Figure 3.1: Included components: Decoder box, Power cable, LVDS cables (2), RCA/USB cable, Wi-Fi antenna, AMI cable, KT cable.

General Installation Steps:

1. **Preparation:** Ensure the vehicle is turned off and the battery is disconnected before beginning installation.
2. **Dashboard Removal:** Carefully remove the necessary dashboard panels to access the original CD host unit.
3. **Cable Connections:** Connect the provided cables from the decoder box to the original CD host unit. Ensure all connections are secure and correctly seated. Refer to the wiring diagram provided with your specific kit for detailed connections.
4. **Component Placement:** Securely place the decoder box and route all cables to prevent interference or damage.
5. **Testing:** Before reassembling the dashboard, reconnect the battery and test all functions of the original system and the newly installed CarPlay/Android Auto system.
6. **Reassembly:** Once all functions are confirmed, carefully reassemble the dashboard panels.

Road Top Wirless Carplay Android Auto for Audi A1

For Audi A1 2013-2018 Year



Figure 3.2: Integrated system in an Audi A1 dashboard.

4. OPERATING INSTRUCTIONS

Switching Between Systems:

To switch between your car's original radio system and the CarPlay/Android Auto system, long-press the special knob button (typically 'NAV' or 'MEDIA') on your car's MMI controller.



Figure 4.1: Original car knob operation for system switching.

Wireless CarPlay and Android Auto:

Once the system is installed, you can connect your smartphone wirelessly via Bluetooth for CarPlay (iPhone) or Android Auto (Android). For initial setup, follow the on-screen prompts to pair your device. Wired connections are also supported via USB.

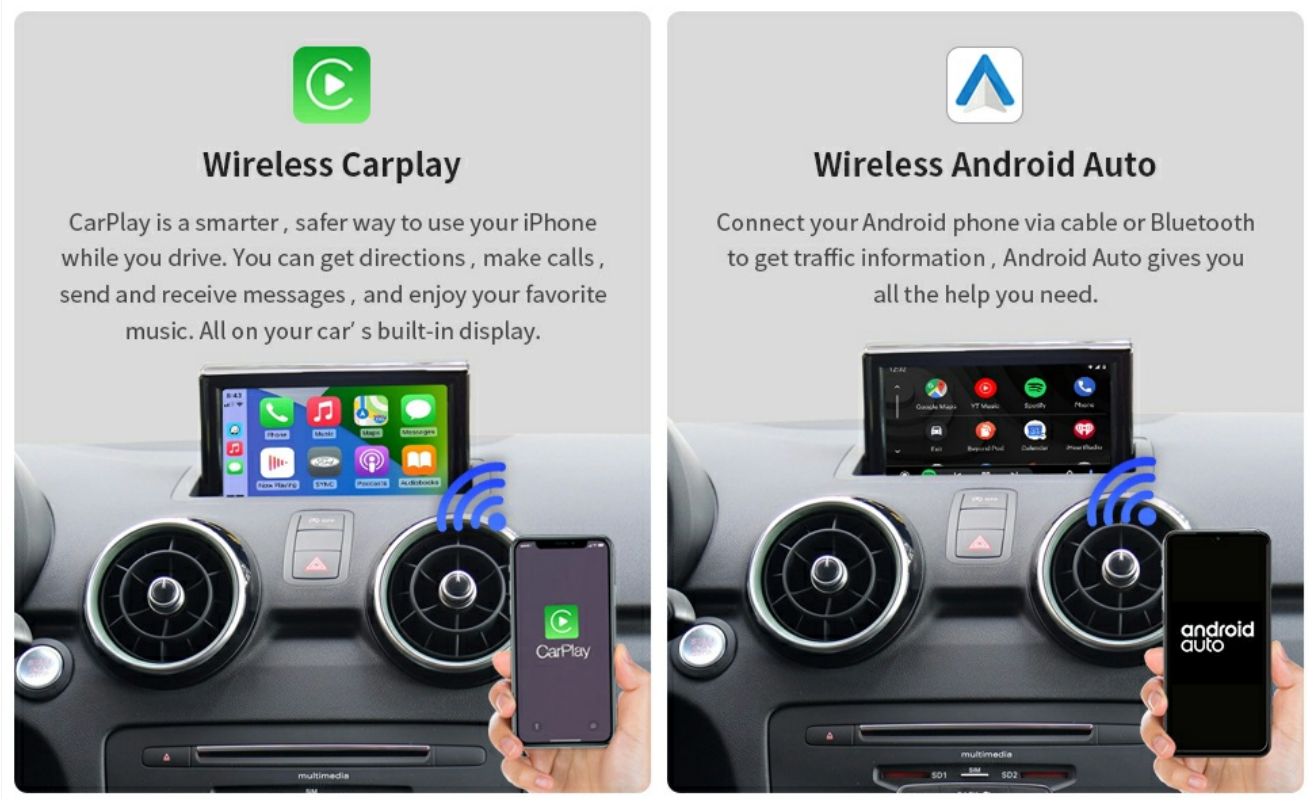


Figure 4.2: Wireless CarPlay and Android Auto interfaces.

Mirrorlink Function:

The Mirrorlink function allows you to mirror your phone's screen onto the car's display. This feature supports AirPlay for iPhones and Autolink for Android devices.

Voice Control:

Utilize voice commands for navigation, making calls, sending messages, and playing music. The system supports Siri for Apple CarPlay and Google Assistant for Android Auto. Keep your hands on the steering wheel for safer driving.



Figure 4.3: Voice control functionality with Siri and Google Assistant.

Camera Functions:

The kit supports your original factory reverse camera and parking radar. It also allows for the integration of aftermarket cameras, including reverse cameras, 360-degree cameras, and front view DVRs (CVBS input).

Steering Wheel Controls:

The decoder interface supports specific steering wheel controls for voice control activation and volume adjustment (Tel button, voice button). Other steering wheel buttons may not be supported.



Figure 4.4: Supported steering wheel controls.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Road Top decoder kit, follow these general maintenance guidelines:

- **Cleaning:** Keep the visible components, such as the car's screen and control knobs, clean using a soft, dry cloth. Avoid abrasive cleaners or solvents.
- **Environmental Conditions:** Avoid exposing the device to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- **Cable Integrity:** Periodically check that all cables are securely connected and free from damage. Do not pull on cables forcefully.
- **Software Updates:** Check the manufacturer's website or contact support for any available software updates that may improve performance or add features.

6. TROUBLESHOOTING

If you encounter issues with your Road Top Wireless CarPlay Android Auto Decoder Kit, please refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
System not switching to CarPlay/Android Auto	Incorrect button press; loose cable connection.	Ensure you are long-pressing the correct knob button (NAV/MEDIA). Check all cable connections to the decoder box and original head unit.

Problem	Possible Cause	Solution
No audio or poor audio quality	Incorrect audio settings; loose audio cables.	Verify audio settings within the CarPlay/Android Auto interface and your car's original system. Ensure all audio cables are properly connected. Some vehicles may require specific audio input selection.
No display or distorted image	Loose video cable (LVDS); incorrect display settings.	Check the LVDS cable connections. Access the system settings to ensure display resolution and aspect ratio are correctly configured.
Wireless connection issues (CarPlay/Android Auto)	Bluetooth/Wi-Fi interference; incorrect pairing.	Ensure your phone's Bluetooth and Wi-Fi are enabled. Forget and re-pair the device. Try a wired connection to confirm basic functionality.
Product not compatible with vehicle	Incorrect car system (e.g., MMI 3G+ instead of RMC).	Re-verify your car's software version as described in Section 1. This product is only for Audi A1 (2013-2018) with RMC system.
Siri/Google Assistant not responding	Microphone not connected or configured; software glitch.	Ensure the microphone (if external) is connected and positioned correctly. Check voice control settings in your phone and the CarPlay/Android Auto interface. Restart the system.

If these steps do not resolve the issue, please contact customer support for further assistance.

7. SPECIFICATIONS

Feature	Detail
Brand	Road Top
Model Number	A1
Compatible Vehicles	Audi A1 (2013-2018) with RMC system (without factory navigation)
Additional Features	Apple CarPlay, Android Auto, Mirrorlink, Camera Support
Screen Resolution Support	800x480 (original car screen resolution)
Output Power	50 Watt
Connectivity Type	Bluetooth, USB, Wi-Fi
Item Weight	950 grams
Package Dimensions	22.1 x 17.2 x 10.7 cm

8. WARRANTY AND SUPPORT

Warranty Information:

This product comes with a standard manufacturer's warranty. Please retain your proof of purchase for any warranty claims. For specific details regarding warranty duration and coverage, refer to the documentation included with your purchase or contact Road Top customer support.

Customer Support:

For technical assistance, installation queries, or troubleshooting not covered in this manual, please contact Road Top customer support. You can typically reach support through the platform where you purchased the product:

1. Locate the product page on the retailer's website (e.g., Amazon.it).
2. Find the seller information, usually labeled 'Sold by' or 'Brand'.
3. Click on the seller's name (e.g., 'Road Top Direct').
4. On the seller's profile page, look for an option like 'Ask a question' or 'Contact Seller'.

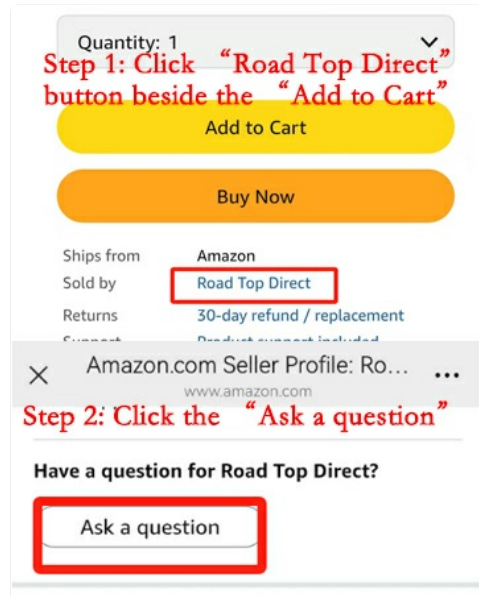


Figure 8.1: Guide to contacting Road Top customer support.