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› Ninetom Wireless CarPlay Android Auto Retrofit Kit for Audi A4 A5 Q5 S4 S5 (2009-2017) with 3GMMI System Instruction Manual

## **ninetom Ninetom Wireless CarPlay Android Auto Retrofit Kit (3GMMI System)**

# **Ninetom Wireless CarPlay Android Auto Retrofit Kit**

Instruction Manual for Audi A4, A5, Q5, S4, S5 (2009-2017) with 3GMMI System

## **1. INTRODUCTION**

This manual provides comprehensive instructions for the Ninetom Wireless CarPlay Android Auto Retrofit Kit. This kit integrates modern smartphone connectivity into your vehicle's existing infotainment system, offering features such as wireless CarPlay, Android Auto, Mirror Link, and support for various camera inputs. The system retains your original car's functions and controls, allowing seamless switching between the factory MMI system and the retrofit module.



Image 1.1: The Ninetom retrofit module and an example of CarPlay displayed on a compatible Audi screen.

## 2. COMPATIBILITY CHECK

Before installation, it is crucial to verify your vehicle's compatibility. This kit is designed for specific Audi models and MMI systems.

- **Compatible Vehicles:** 2009-2017 Audi A4, A5, Q5, S4, S5.
- **MMI System Requirement:** Only compatible with the **MMI 3G System**. It is **not compatible** with MMI 2G.
- **Head Unit Type:** Only compatible with Audi Multimedia head units. It is **not compatible** with Audi Concert or Audi Symphony systems.

To confirm your MMI system type, follow these steps:

1. Press the "Setup" or "Menu" button on your radio.
2. Navigate to "Settings".
3. Scroll down to "Version information".
4. Look for the first letters and numbers of the software version. MMI 3G systems typically begin with "HN+", "BNAVEU", or "HNavEU".

# Before Purchase, Please Make Sure Car SYSTEM Firstly

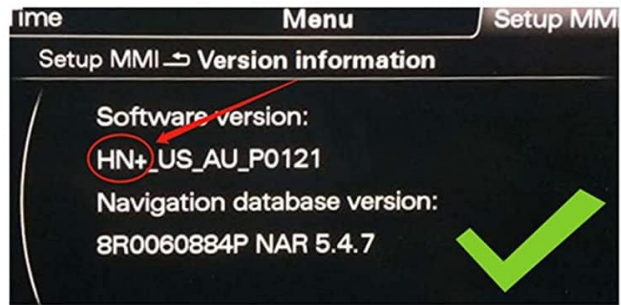
For Audi A4/A5/S4/S5/Q5 2009-2017 Year with MMI 3G BNAV/ MMI 3G HNAV/ HN+ system

## How to make sure your car system?

1. Press "Setup" or "Menu" button on the radio
2. Go to "Settings"
3. Scroll down to "Version Information"
4. Look for first letters and numbers of software version



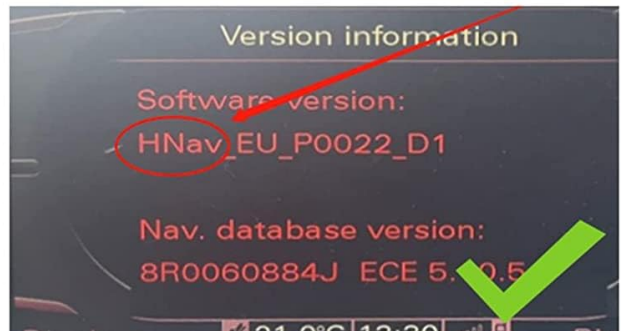
Notice: Before you purchase, Not only make sure your car model and year is correct, but also make sure your car dashboard is the same as the picture shown.  
(For other audio car model, get help from us)



MMI 3G system (Beginning of HN+)



MMI 3G system (Beginning of BNAV)



MMI 3G system (Beginning of HNAV )

Image 2.1: Visual guide for identifying MMI 3G system versions through the car's display.

**Important:** If your central control panel displays "Audi concert" or "Audi Symphony" as shown in the image below, this product is not suitable for your vehicle.

**How to check whether can fit your car, please follow below picture to check:**

**If there are following words on the center console of your car:**

**Audi concert, Audi Symphony, Audi cd changer, Audi chours,**  
then our products will not be suitable for your car.

**But you can still contact us, we have products suitable for them.**



Image 2.2: Examples of Audi Concert and Audi Symphony systems, which are not compatible.

If you are uncertain about your car's compatibility, please consult the seller with pictures of your car's central control panel.

### 3. PACKAGE CONTENTS

Verify that all components are present in your package:

- Main Retrofit Module
- Power Cable (original plug and play car cable)
- LVDS Cable
- RCA/USB Cable
- Wi-Fi Antenna
- AMI Cable

## Product Accessories List



Image 3.1: All components included in the Ninetom Wireless CarPlay Android Auto Retrofit Kit.

## 4. INSTALLATION GUIDE

The Ninetom Retrofit Kit features a non-destructive, plug-and-play installation process. This means no cutting or breaking of original car wires is required, and the factory screen does not need to be removed. The installation aims to integrate seamlessly without altering the car's interior appearance.

### General Installation Notes:

- The installation typically involves accessing the rear of the car's head unit.
- Specific tools, such as radio removal keys, may be required to safely extract the MMI unit. These tools are generally not included with the kit and may need to be acquired separately.
- Connect the provided cables (power, LVDS, RCA/USB, Wi-Fi antenna, AMI) according to the specific wiring diagram for your Audi model.
- Ensure all connections are secure before reassembling the dashboard components.
- Proper routing and tucking of cables and the main module are essential to prevent interference and ensure a clean finish.

For detailed, step-by-step installation instructions, it is recommended to refer to the specific installation video

or guide provided by the manufacturer for your exact vehicle model. If you encounter any difficulties during installation, contact customer service for assistance.

## 5. OPERATING INSTRUCTIONS

The retrofit kit enhances your Audi's infotainment system with modern connectivity while preserving original controls.

### 5.1. Wireless CarPlay and Android Auto

The system supports both wired and wireless CarPlay and Android Auto. Once connected, you can access navigation, music, make calls, and use voice assistants like Siri or Google Assistant directly from your car's screen.



Image 5.1: Overview of key features including CarPlay with voice control, online navigation, mobile music playback, and 360-degree camera support.

### 5.2. Mirror Link Function

The Mirror Link function allows you to cast your smartphone's screen directly onto the car's display. This enables viewing of videos, pictures, and other content from your phone, including YouTube, enhancing your driving experience.

# Mirror Link



Image 5.2: Demonstration of the Mirror Link function, displaying phone content on the car's screen.

## 5.3. Original Car Control Integration

The retrofit module integrates with your car's existing controls. You can switch between the original MMI system and the retrofit system with a single key press. The original car's knob, phone buttons, and reversing camera functions are retained and fully operational.



Image 5.3: Comparison showing the original Audi MMI display versus the CarPlay interface after installation.

#### 5.4. Camera Support

The system supports the original car's reversing camera, as well as aftermarket front and rear cameras. This feature enhances safety and convenience during parking and maneuvering.

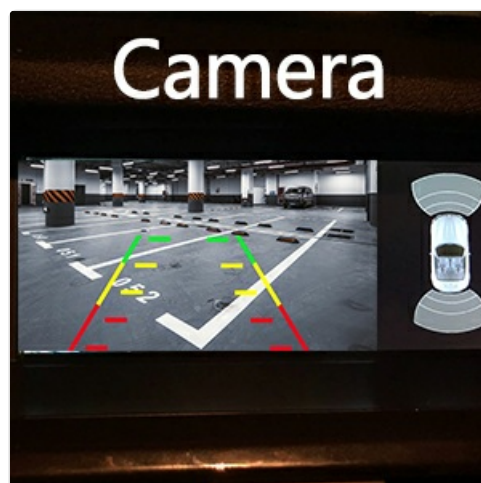


Image 5.4: Example of a backup camera display with parking assistance lines on the car's screen.

## 5.5. Navigation

Utilize precise online navigation through CarPlay or Android Auto, with real-time map updates. Voice commands can be used to search for destinations such as gas stations or airports.



Image 5.5: Display of online navigation with voice command prompts for destination search.

## 6. TROUBLESHOOTING

This section addresses common issues that may arise during the use of the Ninetom Wireless CarPlay Android Auto Retrofit Kit.

- **Echo During Calls:** If callers report an echo, adjust the audio settings within the retrofit module's menu. Experiment with microphone gain and echo cancellation settings to find an optimal balance.
- **Intermittent Connection/Phone Not Connecting:**
  - Ensure your phone's Wi-Fi and Bluetooth are enabled.
  - Try forgetting the device from your phone's Bluetooth settings and reconnecting.
  - If multiple phones are paired, try connecting only one at a time to avoid conflicts.
  - Power cycling the car and the stereo system may resolve temporary connection glitches.
- **No Audio Output to Car Speakers:**
  - Verify all audio cables are securely connected.
  - Check the audio input selection on your car's MMI system to ensure it is set to the correct auxiliary input for the retrofit module.
  - Review the audio settings within the retrofit module's interface.
- **Slow System Boot-up:** The system may take a few minutes to fully boot up and become responsive after starting the car. This is normal behavior.
- **CarPlay Stays Active When Car is Off/Locked:** This can occur if the module remains powered. Ensure proper wiring to the car's ignition-switched power source. If the issue persists, consult the installation guide or support.
- **Firmware Updates and iOS Compatibility:** Software updates for your smartphone's operating system (e.g., iOS) may sometimes affect CarPlay/Android Auto functionality. Check the manufacturer's support channels for available firmware updates for the retrofit module. Note that firmware updates may require a specific passcode, which should be obtained from customer support if not provided in the manual.

## 7. SPECIFICATIONS

Feature	Specification
Brand	ninetom
Model Name	Retrofit Kit
Compatible Vehicle Service Type	Car (Audi A4, A5, Q5, S4, S5 2009-2017 with 3GMMI)
Screen Size (Visible Diagonal)	4 inches / 9 cm (referring to the original car screen)
Special Features	Bluetooth, Wireless CarPlay, Android Auto, Mirror Link, Camera Support
Connectivity Technology	USB, Wireless (Wi-Fi, Bluetooth)
Map Type	Road (via CarPlay/Android Auto)
Mounting Type	Panel Mount (internal installation)
Operating System	Android (internal system for CarPlay/Android Auto functionality)
Item Weight	2.12 pounds
Package Dimensions	6.06 x 5.83 x 3.94 inches

## 8. WARRANTY AND SUPPORT

For product support, technical assistance, or warranty inquiries, please contact the manufacturer directly. Some users have reported success reaching support via WhatsApp or email.

- **Email Support:** [nine.tom@hotmail.com](mailto:nine.tom@hotmail.com)
- **Online Resources:** Refer to the seller's official product page or website for additional guides and FAQs.

When contacting support, provide your product model, purchase date, and a detailed description of the issue to facilitate a quicker resolution.