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› JOYEAUTO Wireless CarPlay Android Auto Retrofit Kit for Audi A3/A4/A5/Q2/Q7 B9 User Manual

## ZHOYITO WJAU-2-B9

# JOYEAUTO Wireless CarPlay Android Auto Retrofit Kit User Manual

Model: WJAU-2-B9

Brand: ZHOYITO

## 1. PRODUCT OVERVIEW

The JOYEAUTO Wireless CarPlay Android Auto Retrofit Kit enhances your Audi's infotainment system by integrating Apple CarPlay and Android Auto functionalities. This module allows for seamless use of navigation, music, communication, and other smartphone applications directly on your vehicle's factory screen, utilizing original controls.



Image 1.1: The JOYEAUTO retrofit module and its integration with an Audi vehicle's display, showing CarPlay in action.

## 2. SETUP AND INSTALLATION

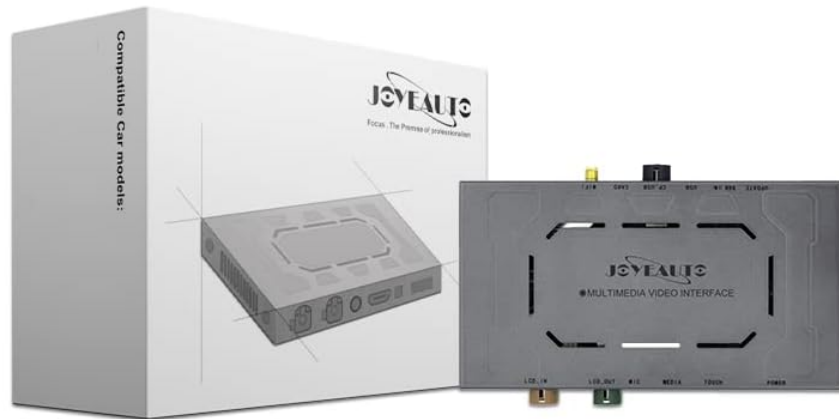
### 2.1 Compatible Models

- Audi A3 MMI (2012-2018)
- Audi A4/A5/Q2/Q7 B9 (2016-2018)

If you are uncertain about compatibility, please consult the seller with pictures of your vehicle's display screen and control panels.

### 2.2 Package Contents

## Accessories



LVDS IN



Microphone



Power cable



USB cable



LVDS OUT



AUX cable



48PIN harness



Wifi antenna

Image 2.1: Included accessories: LVDS IN cable, Microphone, Power cable, USB cable, LVDS OUT cable, AUX cable, 48PIN harness, and WiFi antenna.

### 2.3 Installation Precautions

- Installation requires disassembly of your vehicle's display.
- It is highly recommended to seek professional assistance for installation to prevent damage to the original car wiring or voiding your car's warranty.
- Before completing the installation, test all features to ensure proper functionality.

### 2.4 Wiring Diagram and Dip Switch Settings

# Audi A3/B9 Wireless CarPlay Installation Diagram

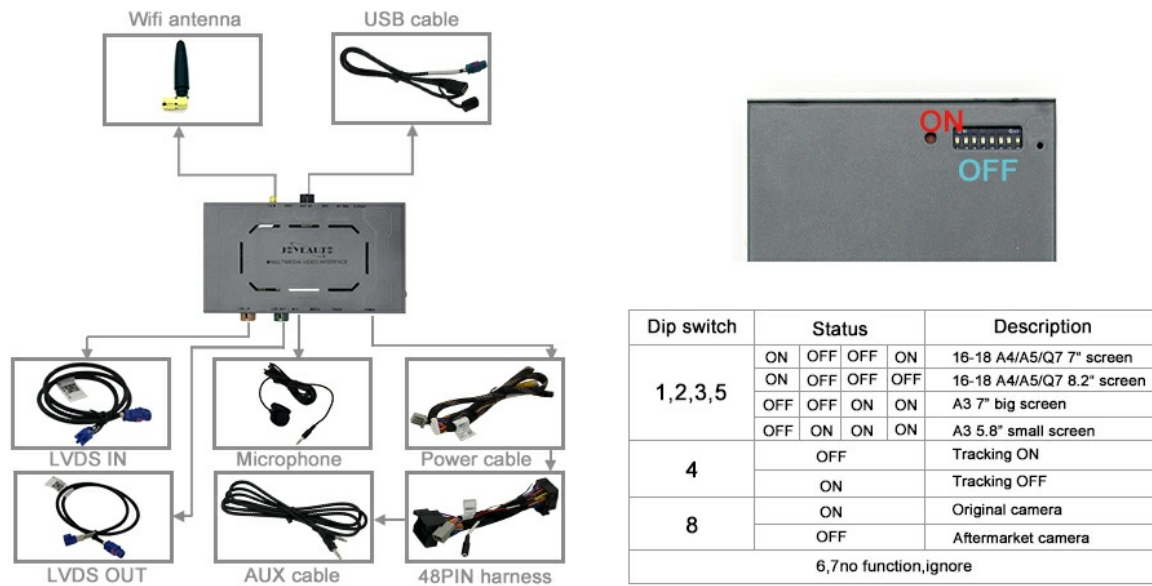


Image 2.2: Detailed wiring diagram showing connections for WiFi antenna, USB cable, LVDS IN/OUT, Microphone, Power cable, and 48PIN harness. The image also displays the dip switch settings table for various screen sizes and camera tracking options.

Refer to the provided installation diagram and video (accessible via QR code on the packing box) for step-by-step guidance. Configure the dip switches according to your vehicle's screen size and desired camera settings.

## 3. OPERATING INSTRUCTIONS

### 3.1 System Switching

To switch between the CarPlay/Android Auto system and your vehicle's original system, long-press the "Back" button on your car's control panel. Ensure "AUX External" is selected in your original system before switching to CarPlay for audio output.

Your browser does not support the video tag.

Video 3.1: Demonstration of switching between the original Audi MMI system and the integrated CarPlay interface using the "Back" button, and activating Siri via voice command.

### 3.2 Wireless CarPlay

Connect your iPhone wirelessly to access CarPlay. Features include:

- **Navigation:** Use Apple Maps, Waze, or Google Maps.
- **Music:** Stream from Spotify, Apple Music, and other audio apps.
- **Communication:** Make calls and send messages via Siri.
- **Voice Control:** Activate Siri hands-free by saying "Hey Siri" or using the original controls.

# Functions display



Image 3.1: Side-by-side comparison of Apple CarPlay and Android Auto interfaces displayed on the car screen, showing various app icons.

## 3.3 Wired Android Auto

Connect your Android phone via a USB cable to use Android Auto. This allows for navigation, phone calls, and online music playback.

## 3.4 Mirror Link

Mirror Link functionality allows you to display your smartphone's screen content directly onto the car's display using a wired connection. This is suitable for watching videos or using phone applications not natively supported by CarPlay/Android Auto.

## Mirror Link

Simply connect phone to your car with wire, can share content from any phone apps to your car screen.



## USB flash play

Plug USB flash disk in the car, enjoy music or movies on a long journey.

Image 3.2: Demonstrates Mirror Link functionality, showing a phone screen mirrored to the car's display, and USB flash drive playback for media.

### 3.5 USB Media Playback

Plug a USB flash drive into the provided USB port to enjoy music or movies directly on your car's screen.

### 3.6 Voice Control (Siri)

Utilize Siri for hands-free operation of CarPlay features. Activate Siri by saying "Hey Siri" or by pressing the "TEL" button on your original control panel.

# More Functions:





-  Map Navigation
-  Music
-  Rear/Front Camera
-  Siri Voice Control



Image 3.3: Illustrates additional functions such as map navigation, music playback interface, rear camera view, and Siri voice control interface.

## 3.7 Camera Functions

The kit supports both original and aftermarket reverse cameras. A front camera can also be added. When shifting into reverse, the reverse camera view will automatically display. After shifting out of reverse, the front camera view will display for approximately 10 seconds before returning to the CarPlay interface.

## 3.8 Original Control Integration

The retrofit kit integrates seamlessly with your vehicle's existing controls, including the steering wheel buttons and the joystick knob, allowing you to navigate CarPlay applications intuitively.



Image 3.4: Highlights the use of the original Audi joystick knob for controlling the CarPlay interface, with labels for "Press 'Navi' switch to CarPlay" and "Press 'TEL' use Siri".

## 4. MAINTENANCE

### 4.1 General Care

- Keep the module and connections free from dust and moisture.
- Avoid exposing the unit to extreme temperatures.
- Do not attempt to open or modify the module, as this may void the warranty.

## 5. TROUBLESHOOTING

### 5.1 Common Issues

- **No Display:** Check all cable connections, especially the LVDS cables. Ensure the dip switch settings are correct for your screen type.
- **No Audio:** Verify that the AUX input is selected in your vehicle's original MMI system. Check the AUX cable connection.
- **CarPlay/Android Auto Not Connecting:** For wireless CarPlay, ensure Bluetooth and Wi-Fi are enabled

on your iPhone. For Android Auto, ensure the USB cable is securely connected and is a data-transferring cable.

- **Controls Not Responding:** Ensure all harness connections are secure. Restart the vehicle's ignition.

## 5.2 Contacting Support

For persistent issues or further assistance, please contact the seller via Amazon message.

## 6. SPECIFICATIONS

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- **Item Weight:** 2.61 pounds
- **Package Dimensions:** 8.7 x 6.65 x 3.86 inches
- **Connectivity Technology:** Bluetooth, USB
- **Controller Type:** Android (refers to Android Auto compatibility)
- **Supported Internet Services:** Spotify
- **Audio Output Mode:** Surround

## 7. WARRANTY AND SUPPORT

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### 7.1 Warranty Information

This product comes with a 1-year warranty. Please retain your proof of purchase for warranty claims.

### 7.2 Legal Disclaimer

This solution requires disassembly of your vehicle's display. The manufacturer is not responsible for any man-made damage or issues arising from purchasing an incorrect device for your vehicle.

### 7.3 Customer Support

For any questions or support needs, please contact the seller directly through the Amazon messaging system.