VEKOOTO A3016

VEKOOTO Portable 7" Wireless CarPlay & Android Auto Screen User Manual

Model: A3016

Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your VEKOOTO Portable 7-inch Wireless CarPlay and Android Auto Screen. This device integrates advanced features such as a 4K front dash cam, 1080P backup camera, mirror link functionality, Bluetooth connectivity, and GPS navigation. Please read this manual thoroughly before using the product to ensure proper function and safety.



Image: The VEKOOTO Portable 7-inch Wireless CarPlay and Android Auto Screen, showing its display and compact design.

Setup and Installation

Package Contents

Before beginning installation, verify that all components are present in the package:

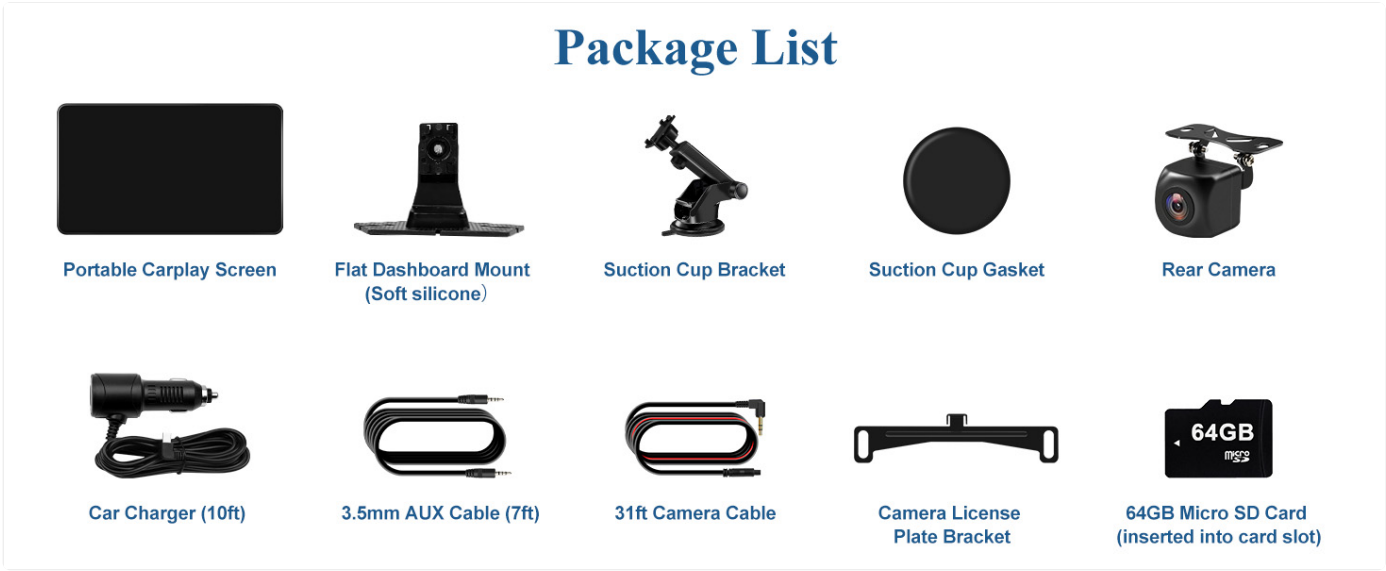


Image: A visual representation of the package contents, including the portable CarPlay screen, flat dashboard mount, suction cup bracket, suction cup gasket, rear camera, car charger, 3.5mm AUX cable, 31ft camera cable, camera license plate bracket, and 64GB Micro SD card.

- Portable CarPlay Screen
- Flat Dashboard Mount (Soft silicone)
- Suction Cup Bracket
- Suction Cup Gasket
- Rear Camera
- Car Charger (10ft)
- 3.5mm AUX Cable (7ft)
- 31ft Camera Cable
- Camera License Plate Bracket
- 64GB Micro SD Card (inserted into card slot)

Device Installation

The VEKOOTO CarPlay screen offers multiple installation methods to suit various vehicle dashboards. Power is supplied via the cigarette lighter port, eliminating the need for complex console disassembly.



Image: Four different installation methods are shown: silicone sticker bracket, suction mount on dashboard, suction mount on windshield, and extracting suction cup bracket for flexible positioning.

1. **Choose a Mounting Method:** Select between the silicone sticker bracket for a fixed dashboard mount or the suction cup bracket for flexible placement on the dashboard or windshield.
2. **Secure the Mount:** Attach the chosen mount securely to your desired location on the dashboard or windshield.
3. **Attach the Screen:** Connect the portable CarPlay screen to the installed mount.
4. **Power Connection:** Plug the car charger into your vehicle's cigarette lighter socket and connect it to the CarPlay screen.

Rear Camera Installation

The included 1080P rear camera provides a clear view for reversing. It can be mounted using the provided license plate bracket.

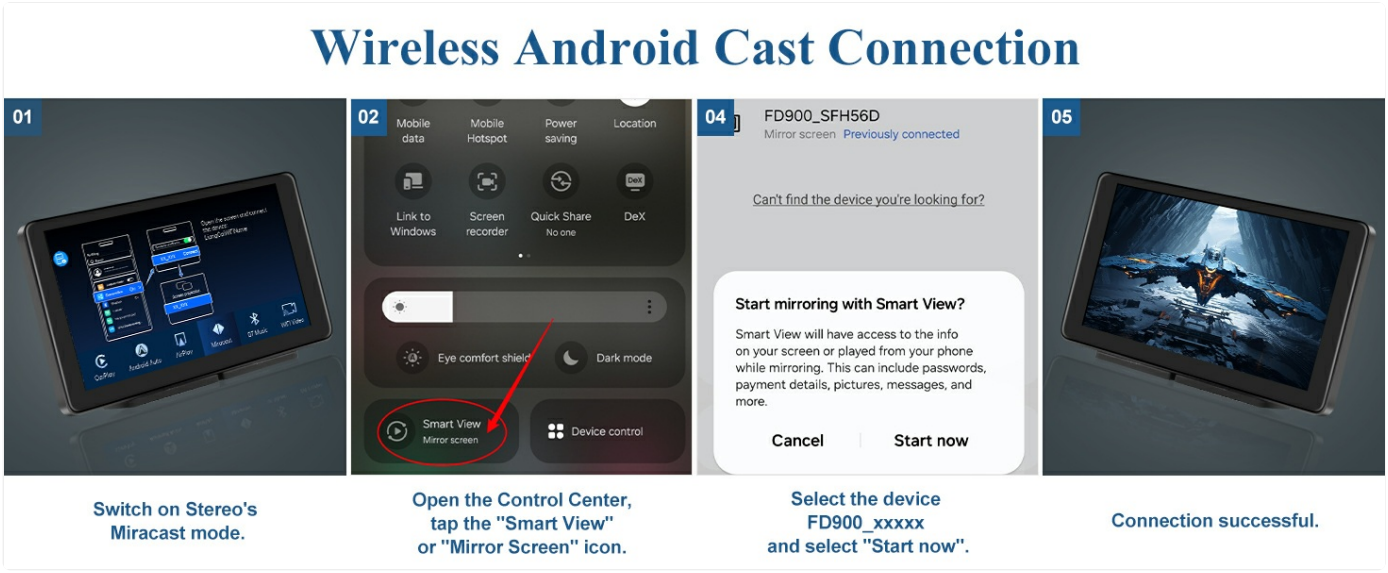


Image: Illustration of the rear camera and the license plate bracket, demonstrating how they combine for mounting.

Q1: Is professional installation required for this car stereo, or can I install it myself?

A1: Enjoy easy DIY installation. No need to disassemble your car's console, just plug and play with the dashboard via the cigarette lighter.

Q2: Does this car multimedia product support my smartphone model and operating system?

A2: Yes, our car stereo with Apple CarPlay supports a wide range of smartphone models and operating systems, including iOS and Android devices.

Q3: Does the product support navigation functionality? Does it require internet connectivity for navigation?

A3: Absolutely! You can use navigation by connecting Apple CarPlay or Android Auto. It also supports voice control for hands-free operation.

Q4: Can I connect my phone to the car via Bluetooth for hands-free calling and music strean

A4: Yes, you can connect your phone to the car audio receiver via Bluetooth. This allows you to make hands-free calls and stream music wirelessly while driving.

Image: A diagram illustrating the connection of the rear camera to the monitor and the vehicle's reversing light for automatic activation.

1. **Mount the Rear Camera:** Attach the rear camera to your vehicle, typically near the license plate, using the provided bracket.
2. **Route the Camera Cable:** Carefully route the 31ft camera cable from the rear camera to the main CarPlay screen, ensuring it does not interfere with vehicle operation.
3. **Connect to Reversing Light:** Connect the red wire of the camera cable to your vehicle's reversing light power supply. This enables automatic display of the rear camera feed when reversing.
4. **Connect to Monitor:** Plug the camera cable into the designated input port on the CarPlay screen.

Audio Output Connection

The CarPlay screen offers multiple ways to output audio to your car's stereo system.



Image: Visual guide showing four audio connection methods: Bluetooth, FM transmitter, built-in speaker, and AUX cable.

- **Bluetooth:** Connect your phone to the CarPlay screen via Bluetooth. The screen can then connect to your car's factory stereo system via Bluetooth for audio playback through car speakers.
- **AUX Output:** Use the provided 3.5mm AUX cable to connect the CarPlay screen's AUX output to your car's AUX input.
- **FM Transmitter:** Set the CarPlay screen's FM frequency to match an unused FM frequency on your car's radio. The audio will then transmit wirelessly to your car's speakers.
- **Built-in Speaker:** For basic audio, the device has a built-in speaker.



Image: Diagram illustrating how the CarPlay screen connects to a smartphone via Bluetooth, and then wirelessly transmits audio to the car's original speakers.

Smartphone Connection

The device supports wireless Apple CarPlay, Android Auto, AirPlay, and Android Cast.

Wireless Apple CarPlay Connection



Image: Step-by-step guide for connecting an iPhone to the CarPlay screen via Bluetooth for wireless Apple CarPlay. Includes a QR code for a YouTube video tutorial.

For a visual guide, refer to this video: Apple CarPlay Connection Tutorial

1. **Enable Cellular Data:** Ensure cellular data is active on your iPhone.
2. **iOS Version:** Your iPhone must be running iOS 9 or above.
3. **Enable Siri:** Activate Siri on your iPhone.
4. **Switch to CarPlay Mode:** On the VEKOOTO screen, select CarPlay mode.
5. **Bluetooth & Wi-Fi:** Turn on Bluetooth and Wi-Fi on your iPhone.
6. **Pair Device:** Connect and pair with the device's Bluetooth, typically named "FD900_xxxxxx".
7. **Confirm CarPlay:** A pop-up will appear on your iPhone. Select "Use CarPlay".
8. **Connection Success:** The connection should be established. The first connection may take up to 30 seconds.

Wireless Android Auto Connection



Image: Step-by-step guide for connecting an Android phone to the CarPlay screen via Bluetooth for wireless Android Auto. Includes a QR code for a YouTube video tutorial.

For a visual guide, refer to this video: Android Auto Connection Tutorial

1. **Enable Cellular Data:** Ensure cellular data is active on your Android phone.
2. **Android Version:** Your Android system version must be 11.0 or above. Google or Samsung phones running Android 10.0 are also supported.

3. **Switch to Android Auto Mode:** On the VEKOOTO screen, select Android Auto mode.
4. **Bluetooth & Wi-Fi:** Turn on Bluetooth and Wi-Fi on your Android phone.
5. **Pair Device:** Connect and pair with the device's Bluetooth, typically named "FD900_xxxxxx".
6. **Connection Success:** The connection should be established. The first connection may take up to 30 seconds.

Wireless AirPlay Connection (for iOS)



Image: Step-by-step guide for connecting an iPhone to the CarPlay screen via Wi-Fi for wireless AirPlay screen mirroring.

1. **Switch to AirPlay Mode:** On the VEKOOTO screen, select AirPlay mode.
2. **Turn on Wi-Fi:** On your iPhone, go to Settings and turn on Wi-Fi.
3. **Connect to Device Wi-Fi:** Connect to the device's Wi-Fi network, typically named "FD900_xxxxxx".
4. **Open Control Center:** On your iPhone, open the Control Center.
5. **Select Screen Mirroring:** Tap "Screen Mirroring" and select the device "FD900_xxxxxx".
6. **Connection Success:** Your iPhone screen will now be mirrored on the CarPlay display.

Wireless Android Cast Connection (Mirror Link)



Image: Step-by-step guide for connecting an Android phone to the CarPlay screen for wireless Android Cast (Mirror Link) screen mirroring.

1. **Switch to Miracast Mode:** On the VEKOOTO screen, select Miracast mode (or Android Cast).
2. **Open Control Center:** On your Android phone, open the quick settings or control center.
3. **Tap Smart View/Mirror Screen:** Tap the "Smart View" or "Mirror Screen" icon.

4. **Select Device:** Select the device "FD900_xxxxxx" and tap "Start now" to begin mirroring.
5. **Connection Success:** Your Android phone screen will now be mirrored on the CarPlay display.

Operating Instructions

General Operation

The 7-inch touch screen provides an intuitive interface for navigating features. The device supports 1024*600 HD resolution for clear visuals.



Image: Close-up of the touch screen interface and a graphic highlighting the 1024*600 HD resolution.

GPS Navigation

When connected via Apple CarPlay or Android Auto, the device utilizes your phone's GPS data for real-time navigation. This allows access to popular map applications like Google Maps and Waze, providing accurate location and route guidance without delay.



Image: A graphic depicting the CarPlay screen displaying a navigation map, with a smartphone showing a similar map, emphasizing real-time GPS functionality.

Voice Control (Siri/Google Assistant)

With Siri or Google Assistant integration through CarPlay/Android Auto, you can control various features using voice

commands, enhancing safety by minimizing screen interaction while driving.



Image: A driver interacting with the CarPlay screen using voice commands for navigation, music, and calls, highlighting Siri and Google Assistant integration.



Image: Examples of voice commands for Siri and Google Assistant, such as "Navigate home," "Play music," and "Call Mom," displayed alongside the CarPlay screen.

Dash Cam Recording (Front 4K & Rear 1080P)

The device features a front-facing 4K dash cam and a rear 1080P camera for dual-screen loop recording. It includes intelligent motion detection and an emergency lock function to protect critical footage. A 64GB TF card is included for storage.



Image: Displays the views from the 4K front camera and 1080P rear camera, along with an illustration of loop recording and the TF card slot.



Image: Highlights the 4K front dash cam with a 170-degree wide angle lens and the inclusion of a 64GB TF card.



Image: Shows the display of the 1080P rear view camera with parking guidelines, and a close-up of the camera unit.

Video Playback: Recorded videos can be viewed directly on the screen or accessed via your smartphone.



Image: Diagram showing how to connect the CarPlay screen to a smartphone to view and playback recorded dash cam videos.

Mirror Link Functionality

The wireless mirror link feature allows you to display your smartphone's screen content directly onto the CarPlay display. This is compatible with both AirPlay for iOS devices and Android Cast for Android devices.



Image: Illustration of smartphones mirroring their screens to the CarPlay display, demonstrating the wireless mirror link feature.

Official Product Video

Your browser does not support the video tag.

Video: An official product video from VEKOOTO US demonstrating the features and functionality of the CarPlay screen.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the screen and device exterior. Avoid abrasive cleaners or solvents.
- **Software Updates:** Periodically check the manufacturer's website or app for any available software updates to ensure optimal performance and access to new features.
- **SD Card Management:** Regularly back up important footage from the Micro SD card. Format the card periodically (e.g., monthly) to maintain recording efficiency, especially if not using loop recording.
- **Cable Inspection:** Inspect all cables (power, camera, AUX) for any signs of wear or damage. Replace damaged cables immediately to prevent malfunction.

Troubleshooting

This section addresses common issues you might encounter with your VEKOOTO CarPlay screen.

Frequently Asked Questions (FAQ)



Image: A list of frequently asked questions and their answers regarding installation, smartphone compatibility, navigation, and Bluetooth connectivity.

Q1: Is professional installation required for this car stereo, or can I install it myself?

A1: Enjoy easy DIY installation. No need to disassemble your car's console; just plug and play with the dashboard via the cigarette lighter.

Q2: Does this car multimedia product support my smartphone model and operating system?

A2: Yes, our car stereo with Apple CarPlay supports a wide range of smartphone models and operating systems, including iOS and Android devices.

Q3: Does the product support navigation functionality? Does it require internet connectivity for navigation?

A3: Absolutely! You can use navigation by connecting Apple CarPlay or Android Auto. It also supports voice control for hands-free operation. Navigation relies on your phone's GPS data and internet connectivity (if required by the map app).

Q4: Can I connect my phone to the car via Bluetooth for hands-free calling and music streaming?

A4: Yes, you can connect your phone to the car audio receiver via Bluetooth. This allows you to make hands-free calls and stream music wirelessly while driving.

Common Issues and Solutions

- **No Audio or Static:**
  - Ensure the correct audio output method is selected (Bluetooth, AUX, or FM).
  - If using FM, try a different, clear FM frequency.
  - If using Bluetooth, ensure both the phone and the CarPlay screen are connected to the car's stereo via Bluetooth, or that the CarPlay screen is connected to the phone and then to the car via AUX/FM.
- **Display Not Staying On:**
  - Check the power connection to the cigarette lighter. Ensure it is secure.
  - Verify that the car's cigarette lighter socket is providing power.
  - Perform a factory reset if the issue persists (refer to device settings for this option).
- **Incorrect Time Display:**
  - Ensure your smartphone is correctly connected and syncing time data.
  - Check the time zone settings on both your phone and the CarPlay device.
- **Connection Issues (CarPlay/Android Auto):**

- Ensure your phone's operating system meets the minimum requirements (iOS 9+, Android 11+ or Android 10.0 for Google/Samsung).
- Verify Bluetooth and Wi-Fi are enabled on your phone.
- Try forgetting the device in your phone's Bluetooth settings and re-pairing.
- Restart both your phone and the CarPlay screen.

Specifications

Feature	Detail
Brand	VEKOOTO
Model Number	A3016
Screen Size	7 inches
Screen Resolution	1024*600 HD
Front Camera Resolution	4K
Rear Camera Resolution	1080P
Supported Navigation System	GPS (via smartphone)
Connectivity	Wireless Apple CarPlay, Wireless Android Auto, Mirror Link (AirPlay, Android Cast), Bluetooth, Wi-Fi, AUX
Mounting Type	Dashboard Mount (Silicone), Suction Mount (Dashboard/Windshield)
Power Input	9-36V (via cigarette lighter)
Item Weight	1.19 kg
Compatible Vehicle Types	Most vehicles, including cars, trucks, vans, buses, and pickups

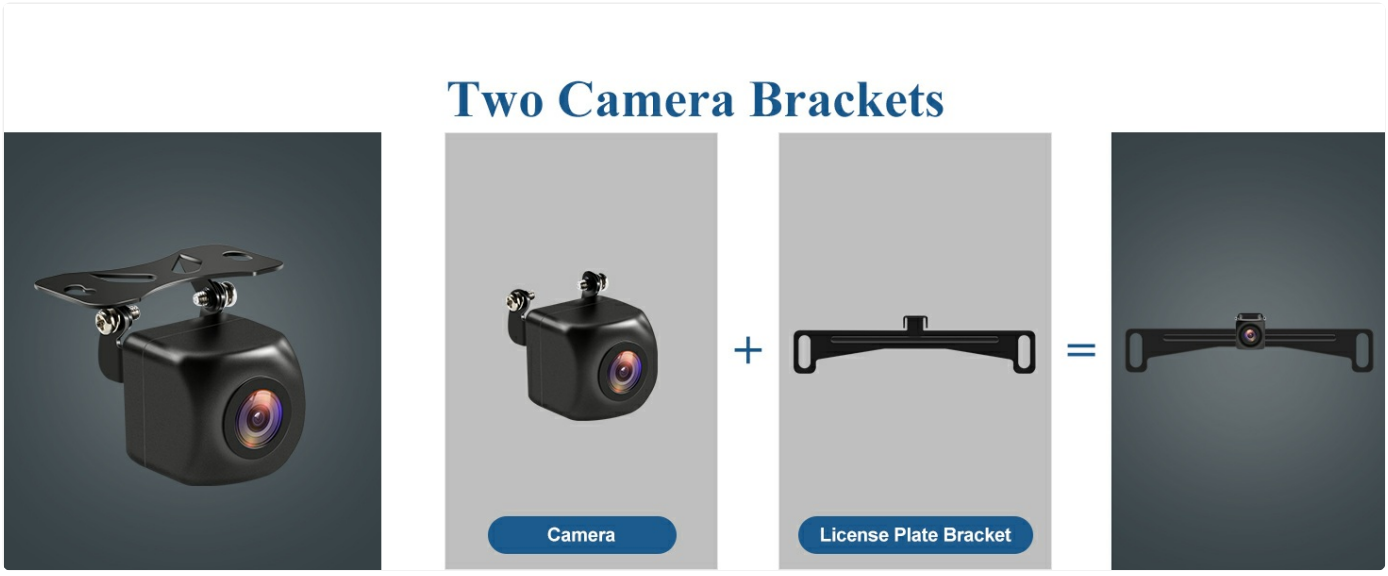


Image: Illustration showing the VEKOOTO CarPlay screen compatible with various vehicle types including cars, SUVs, trucks, RVs, and buses.

Warranty and Support

VEKOOTO is committed to providing excellent customer support.

- **Warranty:** This product comes with a**2-year quality warranty**.
- **Technical Support:** Lifetime technical support is provided.
- **Contact:** For any questions or assistance with your CarPlay screen, please contact VEKOOTO customer service. Refer to your product packaging or the official VEKOOTO website for contact details.

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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.

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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