

Roinvou Roinvou-A7053A3196A4MI2US31

Roinvou 10.1 Inch Android Car Stereo User Manual for Ford Fusion Mondeo Mustang (2009-2012)

Model: Roinvou-A7053A3196A4MI2US31

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Roinvou 10.1 Inch Android Car Stereo. Please read this manual thoroughly before using the product to ensure proper functionality and safety. Keep this manual for future reference.

2. SAFETY INFORMATION

- **Professional Installation Recommended:** Installation of car electronics can be complex. It is highly recommended to have the unit installed by a qualified professional to avoid damage to the product or your vehicle.
- **Power Supply:** Ensure the unit is connected to a 12V DC power supply with a negative ground. Incorrect voltage can cause damage.
- **Wiring:** Carefully follow all wiring diagrams. Incorrect wiring can lead to malfunctions, electrical shorts, or fire.
- **Driving Safety:** Do not operate the unit in a way that distracts you from driving. Always prioritize road safety.
- **Temperature:** Avoid exposing the unit to extreme temperatures or direct sunlight for prolonged periods.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Roinvou Car Stereo for Ford Fusion Mondeo Mustang
- Power Cable
- CANBUS Box
- Radio Antenna Cable
- Dual RCA Harness
- GPS Antenna

- Rear Camera Input Cable
- Dual USB Cable
- AHD Backup Camera
- External Microphone
- Installation Tool



Figure 3.1: Included components in the Roinvou car stereo package.

4. INSTALLATION GUIDE

This section provides a general overview of the installation process. Specific vehicle wiring may vary. Consult a professional installer if you are unsure.

4.1 Pre-Installation Check

- Disconnect the vehicle's battery before starting any electrical work.
- Ensure the car stereo is compatible with your vehicle model (Ford Fusion, Mondeo, Mustang 2009-2012).
- Verify all package contents are present.

4.2 Removing the Factory Radio

Carefully remove the existing factory radio and trim panels. Refer to your vehicle's service manual for specific instructions on panel removal.



Figure 4.1: Comparison of the dashboard before and after installing the Roinvou car stereo.

4.3 Wiring Connections

Connect the provided power cable, CANBUS box, radio antenna, GPS antenna, and USB cables to the corresponding ports on the car stereo and your vehicle's wiring harness. Ensure all connections are secure.

4.3.1 Backup Camera Wiring

Connect the AHD backup camera using the provided rear camera input cable. The reverse input cable must be plugged in, even if the reverse camera is not being used, to ensure proper Bluetooth and Wi-Fi signal reception.

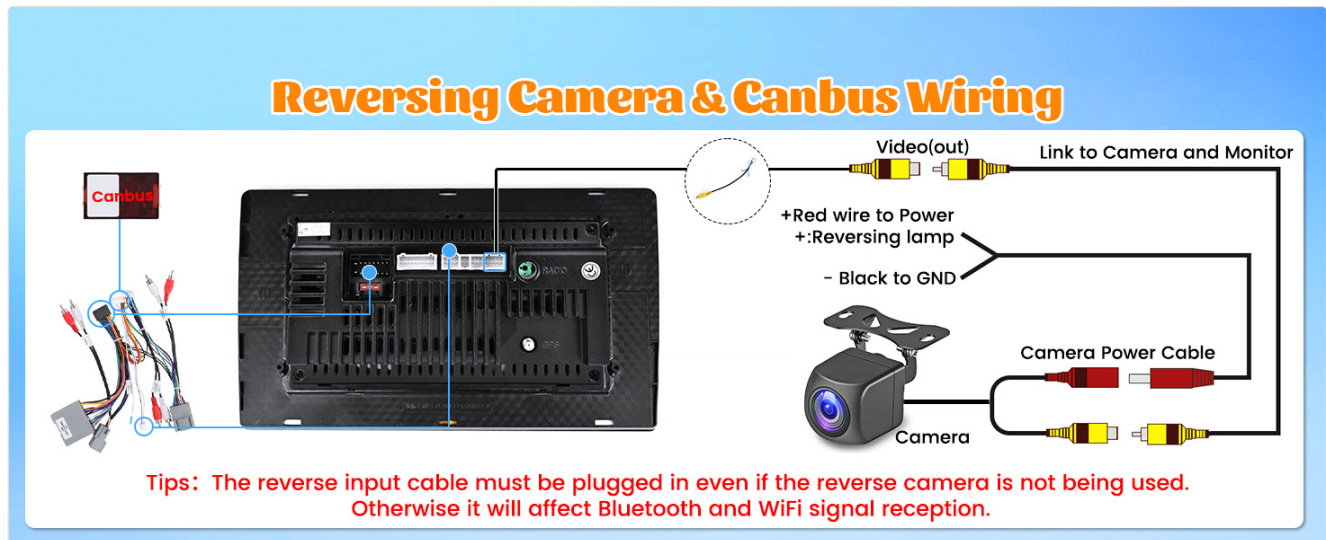


Figure 4.2: Detailed wiring diagram for the reversing camera and CANBUS system.

4.4 Mounting the Unit

Once all wiring is complete, carefully mount the Roinvou car stereo into the dashboard opening. Secure it using the appropriate mounting brackets and screws. Reinstall all trim panels.

5. OPERATING INSTRUCTIONS

This section details the various functions and features of your Roinvou Android Car Stereo.

5.1 Power On/Off

Press and hold the power button (usually located on the front panel or a soft button on the screen) to turn the unit on or off. A short press typically mutes or unmutes the audio.

5.2 User Interface (UI) and Themes

The unit features a customizable Android interface with 28 desktop themes. Navigate through the themes in the settings menu to personalize your display.

Mirror Link for Android/iOS

Mirror Links for Android and iOS smartphones, you can synchronize the phone screen to enjoy playing video on a larger screen.



Figure 5.1: Selection of 28 desktop themes for interface customization.

5.3 Wireless Carplay and Android Auto

Connect your iPhone or Android smartphone wirelessly or via USB for seamless integration of navigation, music, calls, and messaging directly on the car stereo screen.

For Ford Fusion Mondeo Mustang 2009-2012



Figure 5.2: Wireless Apple CarPlay and Android Auto interface.

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Video 5.1: Demonstration of UI functions, Carplay, and Android Auto connection.

5.4 GPS Navigation and Wi-Fi

The unit includes a built-in GPS module for navigation. You can use pre-installed offline maps or download online navigation apps like Waze via Wi-Fi. Connect to a Wi-Fi hotspot to access online maps and download other applications from the Play Store.

Wireless/Wired Carplay & Android Auto

Easily make/answer phone calls, listen to music, GPS navigation.



Figure 5.3: GPS navigation interface and Wi-Fi connection capabilities.

5.5 Bluetooth and FM/RDS Radio

Utilize Bluetooth for hands-free calling, music streaming, and syncing contacts. The FM/RDS radio provides stable reception with 18 preset stations, offering real-time road conditions and weather forecasts.

5.6 Mirror Link

Connect your Android or iOS phone via Wi-Fi hotspot or USB cable to mirror your phone's screen onto the car stereo. Android devices support bidirectional control, while iPhones support unidirectional control.



Figure 5.4: Mirror Link functionality for displaying smartphone content on the car stereo.

5.7 Steering Wheel Control (SWC)

The unit supports steering wheel controls for convenient operation. If your vehicle has a CANBUS decoder, connect it before powering on the machine, then navigate to *Apps > Settings > Factory Setup (password 1234) > CAN Settings* to configure SWC. Select the brand and model year. If no CANBUS decoder is used, connect the steering wheel control wires (Key1/Key2) to the power cable and use the 'SteeringWheelKey' app to learn functions.

Steering Wheel Control



Without CANBUS Decoder:

Please connect the plugs or the steering wheel control wires (Key1/Key2) in the power cable to the corresponding port or wire of your original car, and then go to "SteeringWheelKey" manual match to activate the button function.

Contain CANBUS Decoder:

Please connect the canbus before powering on the machine, and then follow this path (Apps - Settings - Factory Settings(1234) - CAN Settings) to make SWC work properly. First select the brand of the canbus decoder, then select the matching model and year according to the actual situation.

Figure 5.5: Interface for configuring steering wheel controls.

5.8 Digital Sound Processor (DSP)

The integrated DSP allows for advanced audio customization. Access the audio settings to adjust equalizer presets (e.g., Pop, Rock, Jazz, Classical) or create custom sound profiles. You can also adjust the sound field to optimize audio delivery within the vehicle cabin.

5.9 AHD Backup Camera Display

When a compatible AHD backup camera is connected, the car stereo will automatically display the reversing image when the vehicle is shifted into reverse gear, enhancing parking safety.

6. SPECIFICATIONS

Feature	Description
Brand	Roinvou
Screen Size	10.1 Inches
Resolution	1024 x 600
Operating System	Android
Memory Storage Capacity	64 GB
Connectivity Technology	Bluetooth, USB, Wi-Fi
Special Features	CarPlay, Android Auto, Bluetooth, Touchscreen, FM RDS Radio, Mirror Link, GPS Navigation, DSP, Wi-Fi, SWC, 28 Desktop Themes
Compatible Devices	iPhone, Android
Mounting Type	Dashboard Mount

GPS Navigation

Built-in GPS navigation, you can download offline navigation directly from the Play Store.



WiFi Connection

Supports connecting WiFi and most apps can be downloaded, such as Youtube/Facebook



Figure 6.1: Internal architecture highlighting 2GB RAM and 64GB storage.

7. TROUBLESHOOTING

If you encounter issues with your Roinvou car stereo, refer to the following common troubleshooting steps:

- **No Power:** Check all power connections and fuses. Ensure the vehicle's battery is charged.
- **No Sound:** Verify speaker connections. Check volume levels and audio settings (DSP). Ensure the unit is not muted.
- **Bluetooth/Wi-Fi Connectivity Issues:** Ensure the reverse input cable is connected. Restart the unit and your mobile device. Check for interference.
- **GPS Signal Loss:** Ensure the GPS antenna is properly installed and has a clear view of the sky.
- **Steering Wheel Controls Not Working:** Recheck CANBUS connections or re-learn the controls using the 'SteeringWheelKey' app as described in Section 5.7.
- **Unit Freezes/Unresponsive:** Perform a soft reset by pressing the reset button (if available) or disconnecting the power for a few minutes.

For persistent issues, please contact Roinvou customer support.

8. WARRANTY AND SUPPORT

8.1 Warranty Information

This Roinvou product comes with a **1 Year Warranty** from the date of purchase. The warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by improper installation, misuse, accidents, or unauthorized modifications.

8.2 Customer Support

If you have any questions, require technical assistance, or need to claim warranty service, please contact Roinvou customer support. You can typically find contact information on the product packaging, the seller's store page, or by searching for Roinvou customer service online.

For Amazon purchases, you can often contact the seller directly through your order history or by visiting the Roinvou store page on Amazon and using the 'Ask a question' feature.