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› [Driauto](#) /

› Driauto 4G+64G Single DIN Android Car Stereo with Wireless CarPlay and Android Auto - User Manual

Driauto 4G+64G Single DIN Android Car Stereo

Driauto 4G+64G Single DIN Android Car Stereo with Wireless CarPlay and Android Auto - User Manual

Model: 4G+64G Single DIN Android Car Stereo | Brand: Driauto

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your new Driauto 4G+64G Single DIN Android Car Stereo. Please read this manual thoroughly before using the product to ensure proper functionality and safety. This car stereo offers advanced features including Wireless CarPlay, Android Auto, a 7-inch 1080P IPS touchscreen, Bluetooth, WiFi, GPS navigation, FM/RDS radio, DSP, Steering Wheel Control (SWC), and a backup camera.

2. SAFETY INFORMATION

- **Driving Safety:** Always prioritize driving safety. Do not operate the device in a way that distracts you from the road.
- **Installation:** Professional installation is recommended. Ensure all wiring is correctly connected to prevent damage to the vehicle or the stereo.
- **Power Supply:** Connect the device to a 9V-16V DC power supply. Incorrect voltage can cause damage.
- **Temperature:** Operate the device within the specified temperature range of -20°C to 70°C.
- **Cleaning:** Use a soft, dry cloth for cleaning. Avoid harsh chemicals or abrasive materials.

3. PACKAGE CONTENTS

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

- 1 x Car Player (Main Unit)
- 1 x Power Cable
- 1 x GPS Antenna
- 1 x Rear Camera Input Cable
- 1 x RCA Cable
- 2 x USB Cable
- 2 x Mounting Bracket

- 4 x Screw
- 1 x User Manual
- 1 x Backup Cam
- 1 x External Microphone
- 1 x Remote Control
- 1 x Pry Tool
- 1 x Electrical Tape
- 2 x Radio Removal Tools
- 1 x Extra Fuse



Figure 3.1: Illustration of the complete package contents for the Driauto car stereo.

4. PRODUCT OVERVIEW

The Driauto Single DIN Android Car Stereo features a 7-inch 1080P IPS touchscreen that can flip out from the single DIN chassis. It runs on Android 15 with 4GB RAM and 64GB ROM for smooth performance. Key features include:

- **Display:** 7-inch 1024*600 IPS HD Touch Screen.
- **Processor:** RK3326 CPU (Cortex-A35) with 1.5GHZ operating speed.
- **Memory:** 4GB RAM + 64GB ROM.
- **Audio:** DSP technology, 4*45W power output, CD3313 sound processor, YD7388 amplifier chip.
- **Connectivity:** Wireless CarPlay, Android Auto, Mirror Link (wired/wireless), Bluetooth, WiFi, GPS.
- **Radio:** FM/RDS radio (QN8035 chip).
- **Inputs:** AHD/CVBS reversing input, USB, Type-C.
- **Additional Features:** External microphone, Split screen, Steering Wheel Control, Colorful Back Light.



Figure 4.1: Highlighting the internal specifications and navigation capabilities.

Wireless Carplay & Android Auto



Figure 4.2: Overview of seamless smartphone integration features.

5. SETUP AND INSTALLATION

Installation of the single DIN car stereo requires careful wiring and mounting. Refer to the included user manual for specific wiring diagrams for your vehicle model. While the unit is a single DIN size, its flip-out screen provides a larger display experience.

5.1 Wiring the Unit

The wiring harness is color-coded for easier connection. It is highly recommended to solder all connections for a secure and reliable installation. Insulate each connection individually with electrical tape.

- Connect the main power cable to your vehicle's power supply.
- Connect speaker wires according to the color-coded diagram.
- Connect the GPS antenna for navigation functionality.
- Install the external microphone for hands-free calling.
- If your vehicle supports Steering Wheel Controls, connect the corresponding wires.

- For the backup camera, connect the rear camera input cable. Note that some wires (e.g., brake line in, reverse camera trigger) may not be needed depending on your vehicle's existing setup.

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Video 5.1: This vertical video demonstrates the installation process and features of a single DIN flip-out car stereo, including wiring, screen operation, CarPlay, and Android Auto.

5.2 Mounting the Unit

Use the provided mounting brackets and screws to secure the main unit into your vehicle's single DIN slot. Ensure the unit is firmly in place to prevent movement during driving.



Figure 5.1: The car stereo installed in a vehicle, demonstrating the extended screen and its interface.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off and Screen Operation

Turn your vehicle's ignition to the ACC or ON position to power on the stereo. The screen will automatically flip out and

display the boot logo (customizable). Press the designated button on the unit to adjust the screen's tilt angle or retract it.

6.2 Wireless CarPlay & Android Auto

To connect wirelessly:

1. Ensure your phone's Wi-Fi and Bluetooth are enabled.
2. On the car stereo, navigate to the CarPlay or Android Auto icon.
3. Search for the car stereo's Bluetooth name on your phone and pair.
4. Confirm the authorization request on your phone.
5. The system will automatically connect via Wi-Fi for CarPlay/Android Auto functionality.

6.3 Wired CarPlay & Android Auto

Connect your iPhone or Android phone to the stereo using a high-quality USB cable. The system will automatically detect and launch CarPlay or Android Auto.

6.4 Mirror Link

Mirror Link allows you to display your smartphone's screen on the car stereo. This can be done via USB cable or wirelessly through Wi-Fi, enabling access to all phone apps, videos, and music.

6.5 Bluetooth Connectivity

Pair your phone via Bluetooth for hands-free calling and wireless music streaming. Access contacts, call history, and dial numbers directly from the stereo's touchscreen.



Figure 6.1: Bluetooth and FM/RDS radio interfaces.

6.6 FM/RDS Radio

Access the radio function to tune into FM stations. RDS (Radio Data System) provides additional information like station name and traffic updates. You can manually tune or use the auto-scan feature to find stations.

6.7 DSP (Digital Sound Processor)

The built-in DSP allows for advanced audio customization. Adjust multi-band equalization, balance, loudness, and filter settings to optimize sound quality for your vehicle's acoustics and personal preference.



Figure 6.2: DSP audio settings and Steering Wheel Control integration.

6.8 GPS Navigation

Utilize the built-in GPS for navigation. The system supports both online and offline maps, providing voice guidance and real-time traffic information (with internet connection).

6.9 Steering Wheel Control (SWC)

If your vehicle has SWC, you can configure the stereo to respond to your steering wheel buttons. This allows for safe control of volume, track skipping, and mode switching without taking your hands off the wheel.

6.10 Backup Camera

When the vehicle is shifted into reverse, the backup camera automatically displays the rear view on the 7-inch screen, assisting with safe parking and maneuvering.



Figure 6.3: Backup camera view and Steering Wheel Control features.

6.11 Custom Display and Illumination

The stereo allows for customization of the home screen with preferred apps. The colorful seven-color LED buttons can be adjusted to match your car's interior lighting. You can also set a custom boot logo (e.g., vehicle brand logo) and adjust display brightness, contrast, and other visual settings.

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Video 6.4: This video showcases the various features and customization options of the car stereo, including the motorized touchscreen, Bluetooth connectivity, multicolor illumination, and smartphone integration.

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Video 6.5: This video provides a detailed look at the user interface and various settings of the car stereo, including CarPlay, Android Auto, Bluetooth, Radio, and system configurations like language, display, and audio adjustments.

7. MAINTENANCE

- **Cleaning:** Regularly wipe the screen and unit with a soft, dry, lint-free cloth. Do not use liquid cleaners or sprays directly on the unit.
- **Software Updates:** Check the manufacturer's website periodically for any available software updates to ensure optimal performance and access to new features.
- **Fuse Replacement:** If the unit does not power on, check the fuse. Replace it with a fuse of the same rating (an extra fuse is provided).

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No Power	Loose power connection, blown fuse.	Check all power wiring. Replace fuse if blown.
No Sound	Volume too low, incorrect audio source, loose speaker wires.	Increase volume. Select correct audio source. Check speaker connections.
CarPlay/Android Auto not connecting	Bluetooth/Wi-Fi off, incorrect pairing, faulty USB cable.	Ensure Bluetooth/Wi-Fi is on. Re-pair device. Try a different USB cable.
Screen not responding	System freeze, touch screen calibration issue.	Restart the unit. Check settings for touch screen calibration.
Backup camera not displaying	Incorrect wiring, camera malfunction.	Verify camera input cable connection. Check camera power.

9. SPECIFICATIONS

Feature	Detail
System	Android 15
Screen Material	IPS
Chipset	RK3326 CPU (Cortex-A35)
Operating Speed	1.5GHZ
Screen Size	7 inches (1024*600 resolution)
Memory	4GB (RAM) + 64GB (ROM)
Sound Processor	CD3313
Amplifier Chip	YD7388
Power Output	4*45W
Radio Chip	QN8035
Work Voltage	9V-16V
Work Temperature	-20°C to 70°C
Reversing Input	AHD/CVBS
Audio Format	APE/FLAC/WAV/MP3/WMA etc.

Feature	Detail
Video Format	MKV/RMVB/AVI/MP4/MDV etc.
Picture Format	PNG/JPEG/JPG/GIF/WBMP/BNP etc.
Connectivity Technology	Bluetooth, Type-C, USB, Wi-Fi
Map Type	Worldwide

10. WARRANTY AND SUPPORT

This product comes with a manufacturer's warranty. Please refer to the warranty card included in your package or contact Driauto customer support for details regarding warranty coverage and service. For technical assistance or further inquiries, please visit the official Driauto website or contact their customer service team.