

EONON P4

Eonon P4 Portable Car Stereo Receiver User Manual

Model: P4 | Brand: EONON

1. INTRODUCTION

This manual provides comprehensive instructions for the Eonon P4 Portable Car Stereo Receiver. The P4 is designed to enhance your driving experience with features like wireless Apple CarPlay, Android Auto, Mirror Link, and integrated 4K front and 1080P rear cameras. It features an upgraded V536 chip for responsive performance and a light-sensing 10.26-inch IPS display for optimal viewing in various lighting conditions. This device offers multiple audio output options for seamless integration with your vehicle's sound system.

2. KEY FEATURES

- **Eonon Upgraded Chips:** Equipped with the latest V536 chip for more responsive taps and a smoother user experience.
- **Wireless CarPlay & Android Auto & Mirror Link:** Seamless smartphone integration for navigation, music, calls, and messages via Bluetooth, Siri, or Google Assistant. Supports screen mirroring.
- **Compatibility & Easy Installation:** Fits DC7-32V vehicles (cars, trucks, RVs). Includes self-adhesive mounting brackets for sturdy dashboard attachment.
- **4K Front & 1080P Rear Cam:** Features a 4K 140° wide-angle front camera with loop recording, 64GB SD card (included), and WDR technology. A 1080P AHD rear camera (included) provides real-time views, displayable alongside CarPlay/Android Auto.
- **Light-sensing Design:** 10.26-inch IPS display (1600*600 resolution) with automatic brightness adjustment based on ambient light.
- **4 Ways of Transmit Sound:** Built-in speaker, Bluetooth audio output to car speakers, FM radio transmitter, and AUX cable connection.

Latest Upgrades Unveiled

V536 is a more powerful chip compared with V535, and it enhances the overall performance. Enjoy more responsive taps and a smoother user experience.



Figure 2.1: Eonon's Upgraded V536 Chip for Enhanced Performance.

3. WHAT'S IN THE BOX

The Eonon P4 Portable Car Stereo Receiver package includes the following components:

- Head Unit *1
- Base Bracket *1
- Suction Cup Bracket *1
- Cigarette Lighter Power Cable *1
- Backup Camera *1
- AUX Cable *1
- Pry Bar *1
- Cable Clip *1
- 64GB MicroSD Card *1



Figure 3.1: Eonon P4 Portable Car Stereo and its included components.

2 Mounting Methods ▶

Simple operation, even beginners can complete it quickly.



Capacitive touchscreen offers a responsive user experience.



Adjustable screen for the optimal viewing perspective.



The screen is detachable and you can take it home to prevent car stereo theft.

Figure 3.2: Detailed Package Contents.

4. SETUP AND INSTALLATION

The Eonon P4 is designed for quick and easy installation, typically taking only a few minutes. Follow these steps:

4.1 Mounting the Unit

1. **Attach the mounting bracket:** Securely attach the chosen mounting bracket (base bracket or suction cup bracket) to the back of the main unit.
2. **Position and secure:** Remove the protective film from the adhesive on the mounting bracket. Place the unit firmly onto your desired location on the dashboard or windshield. Ensure the surface is clean and dry for optimal adhesion.
3. **Adjust viewing angle:** The screen is adjustable. Pivot and tilt the screen to achieve the optimal viewing perspective for safe driving.

Quick Installation



1. Attach the mounting bracket to the unit.



2. Remove the sticker from the bottom of the mounting bracket. Place the bracket onto the center console and press it firmly.



3. Connect one end of the cigarette lighter power cable to the power in port on the unit, and the other end to the car cigarette lighter socket.

Figure 4.1: Quick Installation Steps.

Quick Installation

It takes only 10 seconds for the installation. Easily mount it on your center console or windshield. No tools required.



1. Attach the mounting bracket to the unit.



2. Remove the sticker from the bottom of the mounting bracket. Place the bracket onto the center console and press it firmly.



3. Connect one end of the cigarette lighter power cable to the power in port on the unit, and the other end to the car cigarette lighter socket.

Figure 4.2: Two Mounting Methods and Detachable Screen.

4.2 Connecting Power and Cameras

4. **Connect power:** Plug one end of the cigarette lighter power cable into the power port on the unit and the other end into your car's cigarette lighter socket.
5. **Connect cameras:** Connect the 4K front camera and 1080P rear camera to their respective ports on the unit. Route the cables neatly using the provided cable clips and pry bar for a clean installation.






 Backup Camera *1	 Cigarette Lighter Power Cable *1	 AUX Adapter Cable *1	 Cable Clip *4
 Pry Bar *1	 Mounting Bracket *1	 User Manual *1	

Figure 4.3: Connection Diagram.

For visual guides on installation and unboxing, please refer to the following official videos:

Your browser does not support the video tag.

Video 4.4: How to install P4 portable car stereo? This video provides a step-by-step guide on the physical installation of the Eonon P4 unit in a vehicle.

Your browser does not support the video tag.

Video 4.5: Unboxing Video of P4. This video showcases the unboxing experience and initial components of the P4 unit.

Your browser does not support the video tag.

Video 4.6: Unboxing Video of P4 -2. Another unboxing video providing a detailed look at the product and its accessories.

5. OPERATING INSTRUCTIONS

5.1 Initial Power On and Interface

Once powered on, the unit will display its main interface. The 10.26-inch IPS display offers swift and precise touch operations. The light-sensing design automatically adjusts screen brightness for optimal visibility.



Figure 5.1: Main User Interface.

5.2 Wireless CarPlay & Android Auto

Connect your smartphone wirelessly via Bluetooth to access Apple CarPlay or Android Auto. This allows for hands-free control of navigation, music, calls, and messages using voice commands (Siri or Google Assistant).

- Ensure Bluetooth is enabled on your smartphone.
- On the P4 unit, select the "CarPlay" or "Android Auto" icon.
- Follow the on-screen prompts to pair your device.



Figure 5.2: Main User Interface with CarPlay/Android Auto options.

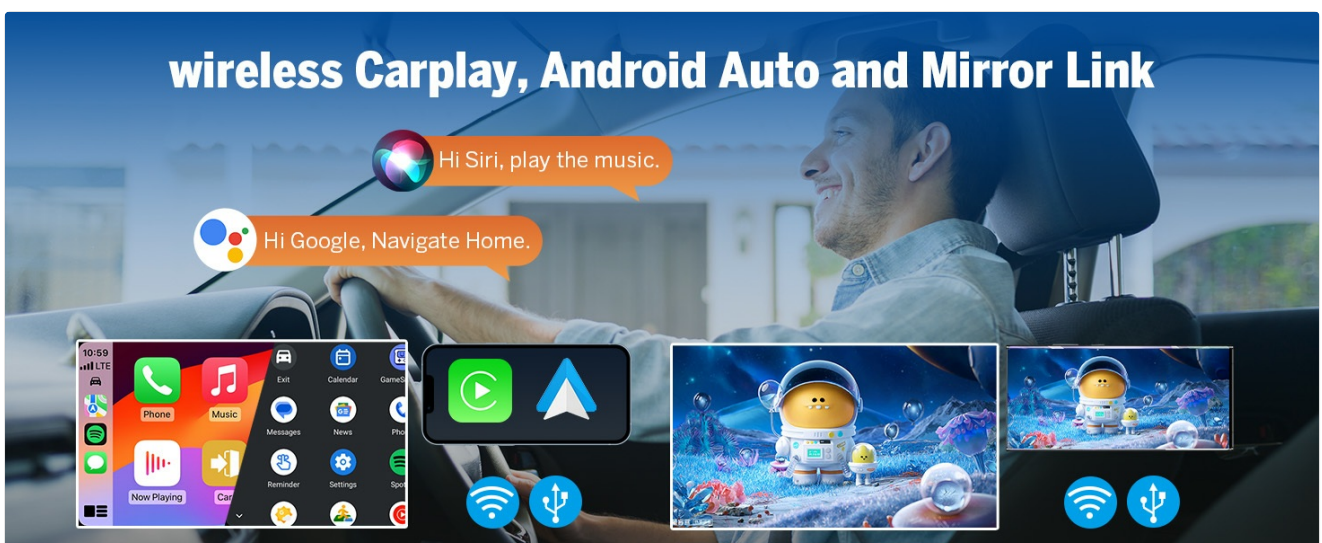


Figure 5.3: Wireless CarPlay and Android Auto in Use.

5.3 Mirror Link (AirPlay/Android Cast)

The Mirror Link function allows you to mirror your smartphone's screen directly onto the P4 display. This is useful for viewing apps or content not natively supported by CarPlay or Android Auto.

- Select "AirPlay" for iOS devices or "Android Cast" for Android devices from the main menu.
- Follow the on-screen instructions to establish the connection.

Split-screen Display



Android Auto/CarPlay+Front/Backup Camera



Front+Backup Camera

Maintain Car Audio Quality

Besides its built-in speaker, audio can be transferred from the unit to your car speakers, maintaining the original sound quality.



Figure 5.4: Screen Mirroring in Action.

5.4 Camera Functions (Dash Cam & Backup Cam)

The P4 unit integrates both a 4K front dash camera and a 1080P rear backup camera for enhanced safety and recording capabilities.

- **Real-time View:** Access the camera view from the main menu. You can view both front and rear camera feeds simultaneously in a split-screen mode.
- **Loop Recording:** The system automatically records footage to the included 64GB SD card. Older files are overwritten when the card is full.
- **WDR Technology:** Ensures optimal exposure and clear recording in various lighting conditions.
- **Backup Guidelines:** The rear camera provides dynamic guidelines to assist with parking.

Split-screen Display



Android Auto/CarPlay+
Front/Backup Camera



Front/Backup Camera



Figure 5.5: Split-screen Display with Camera Feeds.

1080P Backup Camera

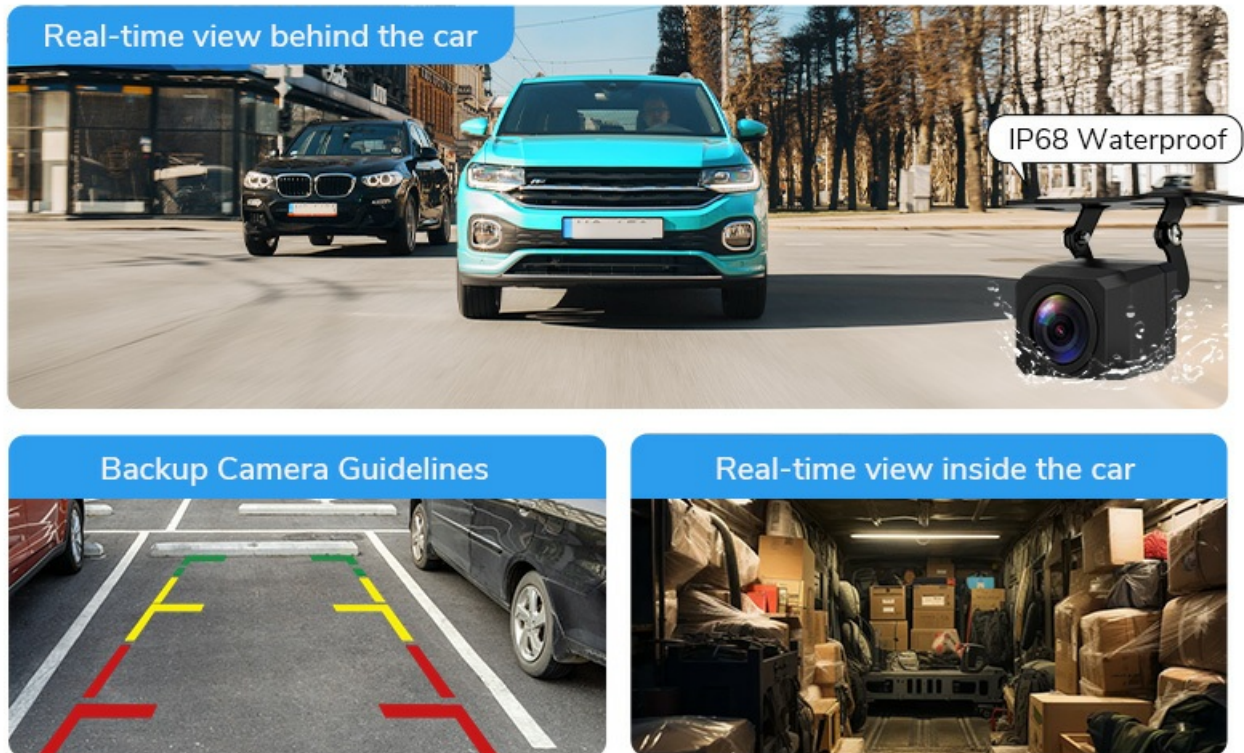


Figure 5.6: 4K WDR Front Camera Features.

Light-sensing Design

It ensures a comfortable viewing experience and promotes safe driving by adapting to changing lighting conditions.

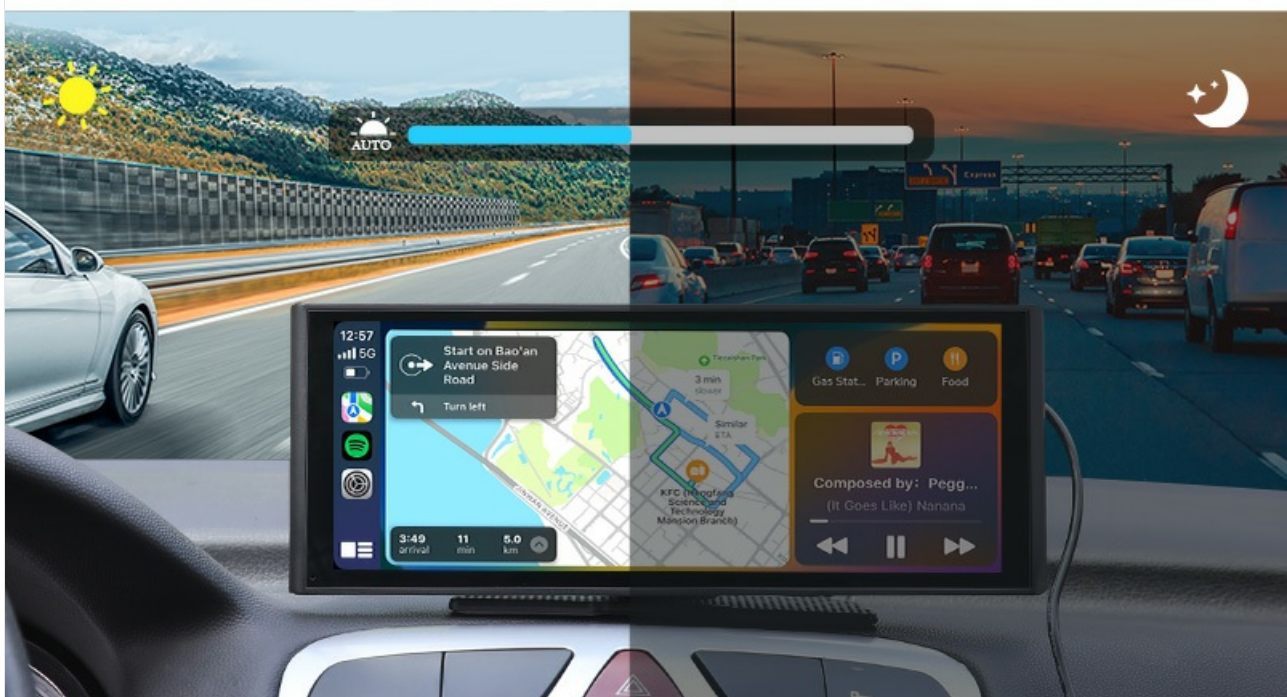


Figure 5.7: 1080P Backup Camera Features.

For a demonstration of the P4's camera features, watch the following video:

Your browser does not support the video tag.

Video 5.8: Show Video of P4. This video demonstrates the P4's camera functionalities, including front and rear views and playback.

5.5 Audio Output Options

The Eonon P4 offers versatile audio output options to integrate with your car's sound system:

- **Built-in Speaker:** For direct audio playback from the unit.
- **Bluetooth Audio:** Connect wirelessly to your car's original stereo via Bluetooth for high-quality audio.
- **FM Transmitter:** Transmit audio to your car's FM radio by tuning both devices to the same frequency.
- **AUX Cable:** Connect directly to your car's auxiliary input using the included AUX cable.

Maintain Car Audio Quality

Audio can be transferred from the unit to your car speakers, maintaining the original sound quality.



Figure 5.9: Audio Output Methods.

To ensure the longevity and optimal performance of your Eonon P4, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the screen and unit. Avoid abrasive cleaners or solvents that may damage the surface.
- **Temperature:** Avoid exposing the unit to extreme temperatures, both hot and cold, for extended periods.
- **Cable Management:** Ensure all cables are securely routed and not pinched or tangled to prevent damage.
- **SD Card:** Periodically back up important footage from the 64GB MicroSD card. Format the card regularly (e.g., monthly) to maintain optimal recording performance.
- **Firmware Updates:** Check the official Eonon website for any available firmware updates to ensure your device has the latest features and bug fixes.

7. TROUBLESHOOTING

If you encounter issues with your Eonon P4, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Apple CarPlay/Android Auto not connecting or working.	Bluetooth not enabled, incorrect pairing, software glitch.	<ul style="list-style-type: none">• Ensure Bluetooth is turned on and discoverable on your phone.• Forget the device on both the P4 unit and your phone, then re-pair.• Restart both the P4 unit and your smartphone.• Check for any available firmware updates for the P4 unit.
Unit randomly shutting down.	Overheating, unstable power supply, faulty cable.	<ul style="list-style-type: none">• Ensure proper ventilation around the unit.• Verify the cigarette lighter power cable is securely connected and not damaged.• Use only the original power cable provided with the unit.• If the issue persists, contact Eonon customer service.
Touch screen unresponsive or not working.	Software issue, physical damage, extreme temperatures.	<ul style="list-style-type: none">• Restart the unit.• Ensure the screen is clean and free of debris.• If the issue is persistent or due to physical damage, contact customer service.
SD card not detected.	Improper insertion, faulty SD card, compatibility issue.	<ul style="list-style-type: none">• Ensure the SD card is inserted correctly and fully into the slot.• Try a different compatible SD card to rule out a card issue.• Format the SD card on a computer (if possible) and reinsert.

8. SPECIFICATIONS







Feature	Detail
Brand	EONON
Model Name	P4
Item Weight	2.9 pounds
Product Dimensions	10 x 6 x 5 inches
Country of Origin	China
Display Size	10.26 Inches
Resolution	1600*600
Connectivity Technology	Bluetooth
Mounting Type	Dashboard Mount
Audio Output Mode	Stereo
Voice Command	Touchscreen

9. WARRANTY AND SUPPORT

The Eonon P4 Portable Car Stereo Receiver comes with a **2-year warranty**. For technical support, warranty claims, or further assistance, please contact Eonon customer service through their official channels or visit their brand store on Amazon.

Eonon has been trusted by consumers for more than 20 years, focusing on innovating technologies and enhancing automotive audiovisual experiences.

Visit the official EONON Store: [EONON Amazon Store](#)

	<p>Eonon VWA12S User Manual: Features, Installation, and Operation Guide</p> <p>Comprehensive user manual for the Eonon VWA12S car infotainment system. Covers product overview, features like Wireless CarPlay and Android Auto, GPS navigation, Bluetooth, settings, and troubleshooting for your Eonon VWA12S car stereo.</p>
	<p>Eonon Q49PRO User Manual</p> <p>User manual for the Eonon Q49PRO car stereo, covering installation, features, settings, and troubleshooting.</p>
	<p>Eonon GPA13 Car Media Player User Manual</p> <p>Comprehensive user manual for the Eonon GPA13 Car Media Player, covering installation, features like Radio, CarPlay, Android Auto, settings, specifications, and troubleshooting.</p>
	<p>Eonon Android Car Stereo User Manual - Navigation, Bluetooth, Media, and More</p> <p>Comprehensive user manual for Eonon Android car stereos, covering setup, navigation, Bluetooth connectivity, media playback, app installation, CarPlay, Android Auto, and system settings.</p>
	<p>Eonon Car Multimedia System User Manual</p> <p>Comprehensive user manual for the Eonon car multimedia system, detailing installation, product overview, features like CarPlay, Android Auto, Bluetooth phone calls and music, USB/SD playback, screen mirroring, FM transmit, settings, specifications, and frequently asked questions.</p>
	<p>BMW 3 Series (E90/E91/E92/E93) 2005-2011 Eonon Head Unit Installation Manual</p> <p>Comprehensive installation manual for Eonon car stereo head units in BMW 3 Series (E90, E91, E92, E93) models manufactured between 2005 and 2011. This guide provides detailed, step-by-step instructions for removing the factory radio and air conditioning controls, wiring the new unit, and fitting it into the dashboard. It covers essential steps such as checking console compatibility, using specialized tools, connecting harnesses, and testing features.</p>