Eonon P4

Eonon P4 Dashcam Car Stereo User Manual

Model: P4

INTRODUCTION

The Eonon P4 is a versatile 10.26-inch portable car stereo system featuring a 4K front dashcam and a 1080p backup camera. It supports wireless CarPlay and Android Auto, screen mirroring, Bluetooth, and multiple audio output options. This manual provides detailed instructions for installation, operation, maintenance, and troubleshooting to ensure optimal performance and a safe driving experience.

Image: The Eonon P4 dashcam car stereo displaying navigation with CarPlay, alongside icons for Android Auto and a backup camera.

PACKAGE CONTENTS

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

- Main 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 (4)
- 64GB MicroSD Card (1)
- User Manual (1)

Image: A visual representation of the Eonon P4 package contents, showing the main unit, various cables, mounting brackets, and a 64GB MicroSD card.

SETUP AND INSTALLATION

The Eonon P4 is designed for easy and cost-effective installation without requiring modifications to your car's original equipment. Follow these steps for quick setup:

1. **Attach the mounting bracket:** Securely attach the chosen mounting bracket (base or suction cup) to the main unit.
2. **Mount the device:** Remove the protective sticker from the bottom of the mounting bracket. Place the bracket onto your dashboard or windshield and press firmly to secure it.
3. **Connect power:** Connect one end of the cigarette lighter power cable to the POWER-IN port on the unit. Insert the other end into your car's cigarette lighter socket.
4. **Connect Backup Camera (Optional):** If using the backup camera, connect its cable to the CAMERA IN port on the main unit and route the cable to the rear of your vehicle for installation.
5. **Connect AUX Cable (Optional):** For audio output via AUX, connect the AUX cable to the AUX OUT port on the unit and to your car's AUX input.

Image: A step-by-step visual guide showing how to attach the mounting bracket, secure the unit to the dashboard, and connect the cigarette lighter power cable.

Wiring Diagram

Refer to the diagram below for proper connection of all components.

Wiring Diagram

1. Cigarette Lighter Power Cable   3. Backup Camera

2. AUX Adapter Cable   4. Dash Camera

Image: A detailed wiring diagram illustrating the connection points for the cigarette lighter power cable, AUX adapter cable, backup camera, and the integrated dash camera on the Eonon P4 unit.

OPERATING INSTRUCTIONS

Smart Portable Car Stereo Functions

The Eonon P4 integrates seamlessly with your smartphone for enhanced driving features:

- **Wireless CarPlay & Android Auto:** Connect your smartphone wirelessly to access navigation, make calls, send texts, and stream music directly on the 10.26-inch display.
- **Screen Mirroring (Airplay/Miracast):** Mirror your phone's screen to the 9.33-inch HD display for viewing videos or sharing content.
- **Split-screen Display:** Utilize the split-screen feature to view multiple applications simultaneously, such as navigation and dashcam footage.

Image: The Eonon P4 display demonstrating its split-screen capability, showing a smartphone interface (CarPlay/Android Auto) on the left and simultaneous front/backup camera views on the right.

Audio Output Options

The unit offers several methods to transfer audio to your car's speakers, maintaining original sound quality:

- **Bluetooth Out:** Connect directly to your car's Bluetooth system for a lossless audio experience.
- **AUX Connect:** Use the included audio cable to plug into your car's AUX port.
- **FM Transmission:** Transmit audio to your car's FM radio by tuning to a specific frequency.
- **Native Speaker:** The unit has a built-in speaker for direct audio output.

Image: Illustrations showing the three primary audio output methods for the Eonon P4: Bluetooth connection to a phone, AUX cable connection to a car's port, and FM transmission to the car's radio.

Camera Functions

The Eonon P4 features integrated front and rear cameras for recording and assistance:

- **4K Front Camera:** Records high-resolution video of the road ahead. Supports real-time view, photo capture, and video playback.
- **1080p Backup Camera:** Provides a clear view behind your vehicle, assisting with parking and reversing. Features IP68 waterproof rating and displays backup guidelines.
- **Loop Recording:** Ensures continuous recording by overwriting the oldest footage when the MicroSD card is full.
- **MicroSD Card Support:** The DVR supports 32GB to 256GB Class 10 and above MicroSD cards. A 64GB card is included.

4K Front Camera

Real-time view   Photo   Video playback

09:09 AM
Thur, 23 Nov 2023

4K | H.264 ULTRA HD

EONON
MEMORY card CL10 I U1
HC 64 GB

Loop recording feature ensures continuous recording.
A 64G SD card(included) allows you to capture more
moments on the road.

Image: The Eonon P4's 4K front camera in action, showing real-time view, photo, and video playback options, along with a visual of the loop recording feature and the included 64GB MicroSD card.
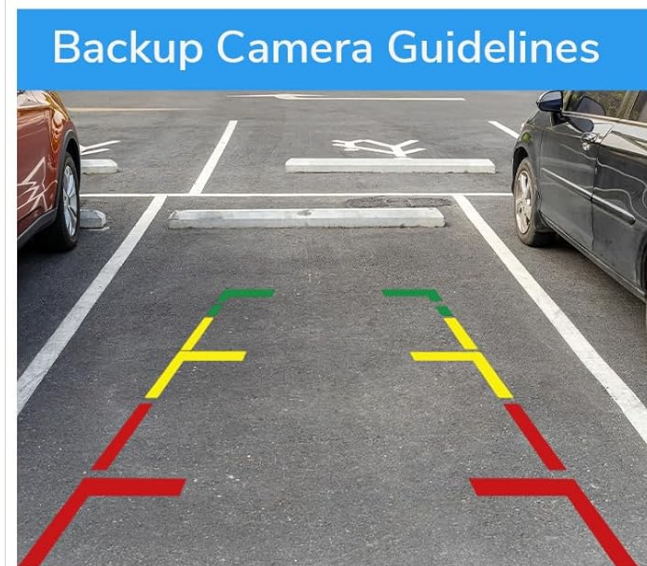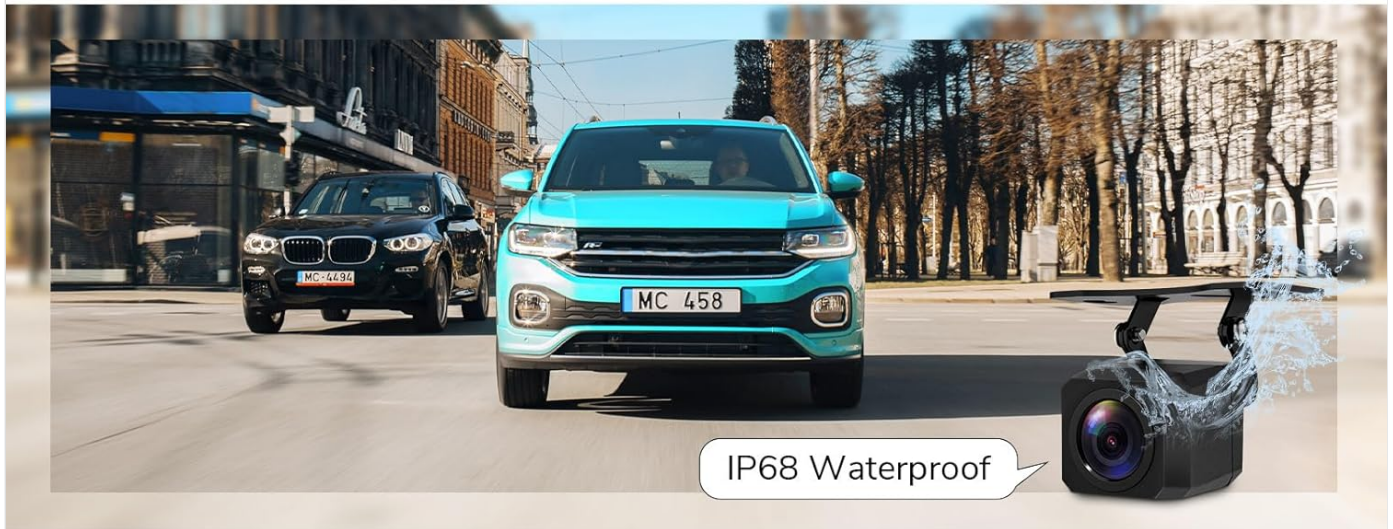
Image: The Eonon P4's 1080P backup camera, highlighting its IP68 waterproof design, display of backup guidelines, and a real-time view from inside a vehicle.

Light-Sensing Design

The unit features a light-sensing design that adapts display brightness to changing lighting conditions, ensuring comfortable viewing and promoting safe driving.

Image: A visual representation of the Eonon P4's light-sensing design, showing how the screen automatically adjusts its brightness for optimal visibility in both bright daylight and low-light conditions.

MAINTENANCE

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

- **Cleaning:** Use a soft, dry cloth to clean the screen and exterior of the unit. Avoid abrasive cleaners or solvents that could damage the surface.
- **Cable Management:** Ensure all cables are neatly routed and secured using the provided cable clips to prevent damage or interference with driving.
- **MicroSD Card:** Periodically format the MicroSD card (at least once a month) to maintain optimal recording performance and prevent data corruption. Back up any important footage before formatting.
- **Temperature:** Avoid exposing the unit to extreme temperatures for prolonged periods. While designed for automotive use, excessive heat or cold can affect performance and lifespan.
- **Firmware Updates:** Check the official Eonon website periodically for any available firmware updates. Keeping the firmware updated can improve performance and add new features.

TROUBLESHOOTING

This section addresses common issues you might encounter with your Eonon P4 unit. If you experience problems not listed here, please contact customer support.

Problem	Possible Cause	Solution
Unit does not power on.	• Cigarette lighter power cable not properly connected. • Vehicle's cigarette lighter socket is not receiving power. • Blown fuse in the vehicle or power cable.	• Ensure the power cable is securely plugged into both the unit and the car's socket. • Test the cigarette lighter socket with another device. • Check and replace any blown fuses.
No audio output.	• Incorrect audio output method selected. • AUX cable not connected or damaged. • FM transmission frequency interference. • Car's Bluetooth not paired or selected.	• Verify the selected audio output method (Bluetooth, AUX, FM) in the unit's settings. • Ensure AUX cable is fully inserted and undamaged. • Try a different FM frequency if using FM transmission. • Re-pair Bluetooth with your car's system.
CarPlay/Android Auto not connecting.	• Bluetooth/Wi-Fi not enabled on phone or unit. • Phone software outdated. • Interference from other wireless devices.	• Ensure Bluetooth and Wi-Fi are active on both your phone and the P4 unit. • Update your smartphone's operating system to the latest version. • Move away from strong wireless interference sources. • Restart both the phone and the P4 unit.
Dashcam not recording or footage corrupted.	• MicroSD card full or corrupted. • MicroSD card not Class 10 or above. • Card not formatted regularly.	• Format the MicroSD card through the unit's settings. • Ensure you are using a Class 10 or higher MicroSD card. • Replace the MicroSD card if it is old or frequently corrupted.

SPECIFICATIONS

Feature	Detail
Model Name	P4
Operating Voltage	DC 7V-32V
Maximum Operating Current	3A
Screen Size	9.33 inch (visible diagonal 11" / 27 cm)

Feature	Detail
Screen Resolution	1600*600
Front Camera Resolution	4K
Backup Camera Resolution	1080p
Micro SD Card Support	32GB ~ 256GB, Class 10 and above
Connectivity Technology	Bluetooth, MicroSD, USB
Special Features	Built-In Speaker, Loop Recording, Built-In Display, CarPlay / Android Auto, Split-screen, Light-sensing Design
Mounting Type	Windshield Mount, Dashboard Mount
Control Method	Touch
Unit Dimensions (W x H x Thick)	250mm x 97mm x 13mm (9.84" x 3.82" x 0.51")
Net Weight	0.5kg
Language Support	English, French, German, Japanese, etc.
Vehicle Service Type	Minivan, Bus, RV, Truck

WARRANTY AND SUPPORT

Eonon products are designed for reliability and performance. For warranty information and customer support, please refer to the following:

- **Warranty:** Please refer to the warranty card included in your package or visit the official Eonon website for detailed warranty terms and conditions.
- **Customer Support:** For technical assistance, troubleshooting, or service inquiries, please contact Eonon customer support through their official website or the contact information provided in your product packaging.
- **Online Resources:** Additional support, FAQs, and firmware updates may be available on the Eonon official website.