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› PARKVISION P501-D Motorcycle Drive Recorder User Manual

PARKVISION P501-D

PARKVISION P501-D Motorcycle Drive Recorder User Manual

Model: P501-D

INTRODUCTION

Thank you for choosing the PARKVISION P501-D Motorcycle Drive Recorder. This device is designed to enhance your riding experience by providing reliable dual-channel recording, smart connectivity with CarPlay and Android Auto, and robust features for various weather conditions. This manual provides essential information for setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device.

SAFETY INFORMATION

Please read all safety instructions carefully before using the device. Failure to follow these instructions may result in injury or damage to the product.

- Ensure the device is securely mounted and does not obstruct your view or control of the motorcycle.
- Do not attempt to disassemble or modify the device. This will void the warranty and may cause damage.
- Keep the device away from extreme temperatures, direct sunlight for prolonged periods, and corrosive materials.
- Always ensure all cables are properly connected and secured to prevent interference with motorcycle operation.
- While the device is waterproof, avoid submerging it in water or exposing it to high-pressure water jets.
- Operate the device responsibly and do not allow it to distract you while riding.

PACKAGE CONTENTS

Please check the package for the following items:

- 1 x 5-inch Waterproof Display Audio Unit
- 2 x Front/Rear Cameras
- 1 x Monitor Stand
- 1 x Power Cable
- 1 x 64GB SD Card
- Mounting Accessories (screws, adhesive pads, etc.)

製品部品

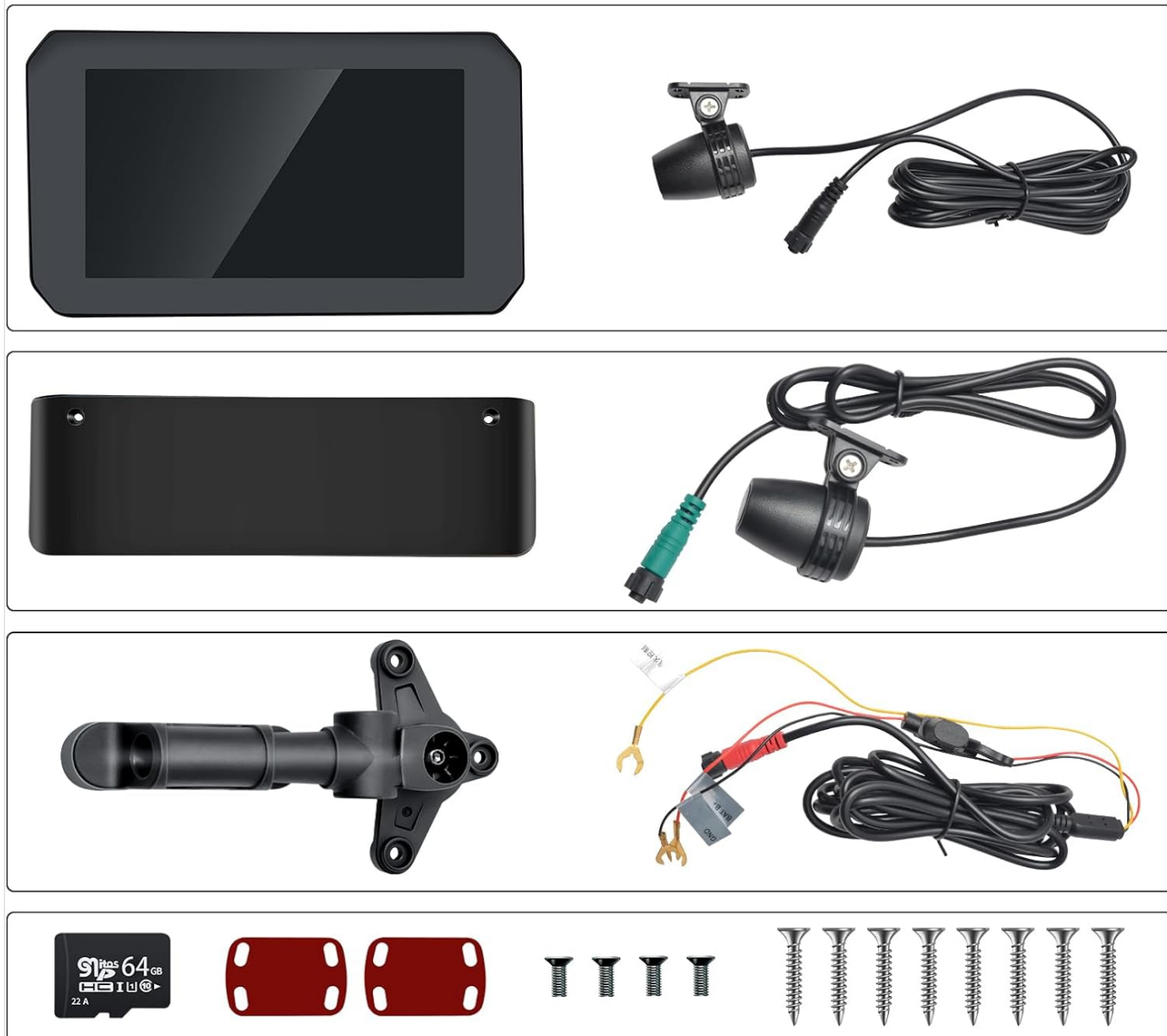


Image: Overview of all included components for the P501-D system.

PRODUCT OVERVIEW

The PARKVISION P501-D is a versatile motorcycle display audio system with integrated drive recorder capabilities. Key features include:

- **5-inch IPS LCD Display:** A bright and clear display for easy viewing of navigation, camera feeds, and smart features.
- **Wireless CarPlay & Android Auto:** Seamlessly integrate your smartphone for navigation, music, calls, and app access.
- **Dual 1080P FHD Recording:** Front and rear cameras capture high-definition video simultaneously, providing comprehensive coverage.
- **IPX7 Waterproof & Shockproof:** Designed to withstand various weather conditions and road vibrations.
- **Dual Bluetooth 5.0:** Connect to your smartphone and a Bluetooth headset/intercom simultaneously.
- **Loop Recording:** Automatically overwrites the oldest files when the SD card is full, ensuring continuous recording.

- **G-Sensor:** Detects sudden impacts or collisions and automatically locks the current video file to prevent overwriting.
- **WDR Technology:** Enhances video quality in varying light conditions, ensuring clear recordings day and night.



Image: The main display unit, dual cameras, and included SD card, showcasing the device's core components.

バイクドライ ブレコーダー

ワイヤレス

Carplay/Android auto

PARKVISION

スマホの
アプリ
と同期

➡ 247 米
に入る 夢の道

26 菜鳥に宅配便を
金曜日 ビル8棟

あるもの
莫泊雨

IP67
防塵
防水

Blue
tooth

IPS防水
パネル

ドラ
レコ

前後
1080P

常時
録画

ワイヤレスバイク用防水デ ィスプレイオーディオ

5.0 インチ

Image: The 5-inch display mounted on a motorcycle, demonstrating the wireless CarPlay/Android Auto functionality with navigation and camera view.

1080P+1080P FHD前後同時録画

「解像度」はフルHD（1920×1080）以上、「画素数」でしたら200万画素が搭載なので、ツーリングの景色を綺麗に記録可能です。前後120°のカメラレンズで、煽り運転対策にも広範囲で記録できます。

1080P
FULLHD

対角
170°

対角
170°

常時録画

エンジンON/OFFに
連動して映像を記録

ループ録画

録画可能なデータ容量を超える
場合や常時録画設定時間
（1/3/5分）を超える場合に、
既存の記録データを古いものか
ら順に上書き録画していきます

衝撃録画

録画中、衝撃を感知する
と録画ファイルが自動ロ
ックされるので上書き
されません

Image: Visual representation of the dual 1080P recording capability, showing front and rear camera coverage and recording modes.

IP67防水防塵仕様 で突然の雨でも安心使用

ディスプレイ、カメラ本体も配線コネクター含めて防水対応で、雨や雪、霧等の悪天候での使用もバッチリです。



Image: The device components shown with water droplets, emphasizing its IP67 waterproof and dustproof design for all-weather use.

SETUP

1. Mounting the Display Unit:

Attach the monitor stand to a suitable location on your motorcycle handlebars or dashboard using the provided mounting accessories. Ensure the display is securely fastened and does not obstruct your view or controls. The mounting type is adhesive, providing a firm hold.



Image: A key icon, representing the simple ignition-linked power-on feature.

2. Installing Cameras:

Mount the front and rear cameras in positions that provide clear, unobstructed views. Connect the camera cables to the corresponding ports on the main display unit. Ensure connections are secure and waterproof.

3. Power Connection:

Connect the power cable to your motorcycle's power source according to the wiring diagram provided in the detailed installation guide (not included in this manual). The system is designed for DC 12-24V input.

4. Inserting the SD Card:

Insert the provided 64GB SD card into the designated slot on the display unit. Ensure it is inserted correctly until it clicks into place. The device supports loop recording, which will automatically manage storage on the SD card.

OPERATING INSTRUCTIONS

1. Powering On/Off:

The device will automatically power on when your motorcycle's ignition is turned on and power off when the ignition is turned off.

2. Connecting to Smartphone (CarPlay/Android Auto):

- On the display unit, navigate to the CarPlay or Android Auto icon.
- Enable Bluetooth and Wi-Fi on your smartphone.
- Search for the device's Bluetooth name on your smartphone and pair.
- Once paired, the system will automatically connect to CarPlay or Android Auto.

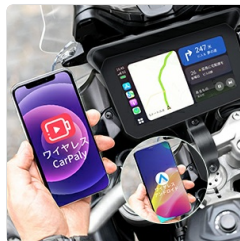


Image: Wireless CarPlay connection icon, showing smartphone integration.

3. Navigation:

Once connected to CarPlay or Android Auto, use your preferred navigation app (e.g., Google Maps, Apple Maps) directly on the display unit. The 5-inch IPS LCD provides a clear view even in daylight.



Image: The display unit showing a navigation map, providing clear directions during rides.

4. Music and Calls:

Through CarPlay/Android Auto and Dual Bluetooth 5.0, you can play music from your smartphone and manage calls. Connect your Bluetooth headset for audio output and hands-free communication.



Image: The display unit illustrating dual Bluetooth connectivity for smartphone pairing and simultaneous connection to an intercom or Bluetooth earphones.

5. Recording Functions:

- **Continuous Recording:** The device records automatically when powered on.
- **Loop Recording:** When the SD card is full, the oldest files are automatically overwritten to ensure continuous recording without manual intervention.
- **G-Sensor (Impact Recording):** In case of sudden braking or collision, the built-in G-sensor detects the impact and automatically locks the current video file, preventing it from being overwritten.



Image: Loop recording icon, indicating continuous video capture.



Image: G-sensor detection icon, highlighting automatic video locking during impacts.

6. Display Settings:

The 5-inch IPS LCD screen features WDR technology, which automatically adjusts screen brightness based on ambient light. A removable sun visor is also included to improve visibility in bright sunlight.



Image: Removable sun visor icon, indicating enhanced visibility in bright conditions.



Image: Capacitive LCD panel, showing touch control for easy operation.

MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the display and camera lenses. Do not use abrasive cleaners or solvents.
- **SD Card Management:** Regularly back up important video files from the SD card to a computer. Format the SD card periodically (e.g., once a month) to maintain optimal recording performance.
- **Cable Inspection:** Periodically check all cables and connections for wear or damage. Ensure they are securely fastened.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	No power supply; loose power cable connection.	Check power cable connection to the motorcycle and the device. Ensure motorcycle ignition is on.
Cannot connect to CarPlay/Android Auto.	Bluetooth/Wi-Fi off on smartphone; incorrect pairing; software glitch.	Ensure Bluetooth and Wi-Fi are enabled on your phone. Re-pair the device. Restart both the device and your smartphone.
SD card error / Recording issues.	SD card full or corrupted; incompatible SD card; faulty SD card.	Format the SD card (back up data first). Try a different compatible SD card. Ensure the card is properly inserted.
Poor video quality.	Dirty camera lens; low light conditions; incorrect settings.	Clean camera lenses. Ensure WDR is enabled. Check recording resolution settings.
GPS signal loss (if applicable).	Obstructed GPS signal; device location.	Ensure the device has a clear view of the sky. Move away from tall buildings or dense foliage.

SPECIFICATIONS

Feature	Detail
Model	P501-D

Feature	Detail
Display Size	5 inches
Display Type	IPS LCD
Product Dimensions	10 x 5.5 x 15 cm (approx. 3.9 x 2.2 x 5.9 inches)
Weight	910 g (approx. 2 lbs)
Video Capture Resolution	1080p (Front & Rear)
Special Features	G-Sensor, WDR Technology, Loop Recording, Continuous Recording
Connectivity	Wireless CarPlay, Android Auto, Dual Bluetooth 5.0
Waterproof Rating	IPX7 (Display & Cameras)
Mounting Type	Adhesive
Control Method	Touch Screen
Included SD Card	64GB

WARRANTY AND SUPPORT

PARKVISION is committed to providing high-quality products and excellent customer service. This product comes with a manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation included with your purchase or visit the official PARKVISION website.

If you encounter any issues or require technical assistance, please contact PARKVISION customer support. Many users have reported positive experiences with prompt and helpful support, including assistance with troubleshooting and product replacements when necessary.

For support, please visit the official PARKVISION store on Amazon or their dedicated support channels.

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Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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

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