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## Pilot CL-3016WK

# Pilot Automotive CL-3016WK Dual 2-in-1 Sports Action Dash Camera User Manual

Model: CL-3016WK

## INTRODUCTION

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This manual provides detailed instructions for the proper use and maintenance of your Pilot Automotive CL-3016WK Dual 2-in-1 Sports Action Dash Camera. Please read this manual thoroughly before operating the device to ensure optimal performance and to prevent damage. Keep this manual for future reference.

## PRODUCT OVERVIEW

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### Camera Components

Familiarize yourself with the various parts of your CL-3016WK camera:



**Image Description:** This image illustrates the various parts of the dash camera, including the Power Button, Mode Button, 1.5" TFT LCD Screen, Speaker, Reset Button, AV Output, Micro USB Port, Microphone, Micro SD Slot, and LED Light. It also details included accessories such as the Waterproof Case, Helmet Mount, Suction Cup Car Mount, Bike Mount, Car Charger, Charge/Sync Cable, 8GB Micro SD Card, and User Manual.

- **Power Button:** Turns the device on/off.
- **Mode Button:** Switches between video recording, photo mode, and playback.
- **1.5" TFT LCD Screen:** Displays live view, menus, and recorded footage.
- **Speaker:** For audio playback.
- **Reset Button:** Restores the device to factory settings (use a thin object to press).
- **AV Output:** For connecting to an external display.
- **Micro USB Port:** For charging and data transfer.
- **Microphone:** Records audio.
- **Micro SD Slot:** For inserting the memory card.
- **LED Light:** Indicator light for various functions.

## Included Accessories

The following items are included with your CL-3016WK camera:

- 8GB Micro SD Card
- Curved Adhesive Mount
- USB Cable
- User Manual
- Waterproof Case
- Helmet Mount (with strap)
- Suction Cup Car Mount
- Bike Mount
- Car Charger
- Charge/Sync Cable

## SETUP

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### 1. Inserting the Micro SD Card

1. Locate the Micro SD Slot on the side of the camera.
2. Gently insert the provided 8GB Micro SD card into the slot until it clicks into place. Ensure the card is oriented correctly.
3. To remove, press the card inward until it springs out.

**Note:** A high-speed (Class 10 or higher) Micro SD card is recommended for optimal recording performance. Format the card in the camera's settings before first use.

### 2. Charging the Battery

1. Connect the camera to the Car Charger or a USB power source using the provided USB Cable.
2. The charging indicator light will illuminate.
3. Allow the camera to charge fully before first use.

### 3. Mounting the Camera

The CL-3016WK offers multiple mounting options for various uses:



**Image Description:** This composite image displays the dash camera mounted on a car windshield, inside its waterproof case underwater, capturing a butterfly, and mounted for cycling, demonstrating its versatility as both a dash cam and an action camera.

- **For Car Use (Dash Cam):**

- a. Attach the Suction Cup Car Mount to the camera.
- b. Clean the desired area on your windshield.
- c. Press the suction cup firmly against the windshield and engage the lever to secure it.
- d. Adjust the camera angle for an optimal view of the road.
- e. Connect the Car Charger to the camera and your vehicle's 12V power outlet. The camera is designed for auto on/off with vehicle ignition.

- **For Sports/Action Use:**

- a. Insert the camera into the Waterproof Case for protection during outdoor activities or underwater use.
- b. Attach the Waterproof Case to the Helmet Mount, Bike Mount, or Curved Adhesive Mount as needed.
- c. Secure the mount to your helmet, bicycle, or other desired surface.

# OPERATING INSTRUCTIONS

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## 1. Powering On/Off

- **Manual On:** Press and hold the **Power Button** until the screen illuminates.
- **Manual Off:** Press and hold the **Power Button** until the screen turns off.
- **Auto On/Off (Car Mode):** When connected to your vehicle's power supply, the camera will automatically power on and begin recording when the vehicle starts, and power off when the vehicle is turned off.

## 2. Switching Modes

Press the **Mode Button** repeatedly to cycle through the following modes:

- **Video Recording Mode:** Indicated by a camera icon with a red dot. The camera will automatically start recording when powered on in this mode (if auto-record is enabled).
- **Photo Mode:** Indicated by a camera icon. Press the OK button to capture a photo.
- **Playback Mode:** Indicated by a play icon. Use the Up/Down buttons to navigate through recorded files and the OK button to play/view.

## 3. Recording Video



**Image Description:** This image highlights the main features of the camera: 1080p HD video, 5-megapixel camera, accident detection, waterproof capability (with case), up to 1.5 hours battery life, enhanced night viewing, 120-degree wide angle lens, loop recording, and an included 8GB Micro SD card.

- In Video Recording Mode, the camera will typically start recording automatically. A red blinking indicator on the screen confirms recording is active.
- The camera records in 1080p resolution (MP4 format).
- **Loop Recording:** The camera records video in continuous loops (e.g., 1, 3, or 5-minute segments). When the SD card is full, the oldest unlocked files are overwritten.
- **Accident Detection (G-Sensor):** If the camera detects a sudden impact or collision, it will automatically lock the current video file to prevent it from being overwritten.
- **SOS Button:** Press the SOS button during recording to manually lock the current video file.

#### 4. Taking Photos

- Switch to Photo Mode using the **Mode Button**.
- Frame your shot using the LCD screen.
- Press the **OK Button** to capture a 5-megapixel photo.

#### 5. Playback

- Switch to Playback Mode using the **Mode Button**.
- Use the **Up/Down Navigation Buttons** to browse through your recorded videos and photos.
- Press the **OK Button** to play a selected video or view a photo.

## 6. Menu Settings

Press the **Menu Button** to access settings in each mode. Use the Up/Down buttons to navigate and the OK button to select. Settings may include:

- Video Resolution
- Loop Recording Duration
- G-Sensor Sensitivity
- Date/Time Stamp
- Exposure Compensation
- Format SD Card
- Language
- Factory Reset

## MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the camera body and lens. Do not use abrasive cleaners or solvents. For the screen, use a microfiber cloth.
- **SD Card Management:** Regularly format your Micro SD card (at least once a month) to ensure optimal performance and prevent data corruption. Back up important files before formatting.
- **Storage:** When not in use, store the camera in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** Avoid fully discharging the battery frequently. If storing for extended periods, charge the battery to about 50% and recharge every few months.

## TROUBLESHOOTING

Problem	Possible Solution
Camera does not power on.	<ul style="list-style-type: none"> <li>• Ensure the battery is charged.</li> <li>• Check the power connection (Car Charger or USB cable).</li> <li>• Press and hold the Power Button for several seconds.</li> <li>• Try pressing the Reset Button with a thin object.</li> </ul>
Camera freezes or becomes unresponsive.	<ul style="list-style-type: none"> <li>• Press the Reset Button with a thin object.</li> <li>• Remove and reinsert the Micro SD card.</li> <li>• Format the Micro SD card (back up data first).</li> </ul>

Problem	Possible Solution
Video quality is poor or blurry.	<ul style="list-style-type: none"> <li>• Ensure the camera lens is clean and free of smudges.</li> <li>• Check that the protective film has been removed from the lens.</li> <li>• Verify the video resolution setting in the camera menu is set to 1080p.</li> <li>• Ensure the windshield is clean if used as a dash cam.</li> </ul>
SD card error or recording stops.	<ul style="list-style-type: none"> <li>• Ensure the Micro SD card is inserted correctly.</li> <li>• Format the Micro SD card in the camera's settings.</li> <li>• Try a different, high-speed (Class 10 or higher) Micro SD card.</li> <li>• The card may be full; enable loop recording or delete old files.</li> </ul>
Screen goes white or displays abnormal colors.	<ul style="list-style-type: none"> <li>• This can occur in extreme heat. Allow the camera to cool down.</li> <li>• Try pressing the Reset Button.</li> </ul>

## SPECIFICATIONS

Feature	Detail
Model Name	CL-3016WK
Camcorder Type	Action Camera
Video Capture Resolution	1080p
Photo Sensor Technology	CMOS
Screen Size	1.5 Inches
Display Technology	LCD
Connectivity Technology	USB, Wireless (Other display features)
Video Capture Format	MP4
Supported Audio Format	AAC, MP3
Form Factor	Compact
Product Dimensions	3 x 7.5 x 7.9 inches
Item Weight	1.3 pounds
Manufacturer	Pilot Automotive, Inc / Wang's International - Direct

## WARRANTY AND SUPPORT

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For warranty information and technical support, please refer to the specific warranty card included in your product packaging or visit the official Pilot Automotive website. The included User Manual also contains detailed support contact information.

**Manufacturer:** Pilot Automotive, Inc / Wang's International - Direct

**Model:** CL-3016WK