LBW LBW-DVR Carplay-03

LBW Premium Motorcycle Dash Cam DVR User Manual

Model: LBW-DVR Carplay-03

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your LBW Premium Motorcycle Dash Cam DVR. This device integrates wireless Apple CarPlay and Android Auto, dual HD 1080P cameras, a 5.5-inch IP66 waterproof touch screen, and a remote control for enhanced riding experience and safety. Please read this manual thoroughly before using the product to ensure proper function and longevity.

2. Safety Information

- Ensure all connections are secure and waterproof to prevent damage from moisture.
- Do not attempt to disassemble or modify the device, as this will void the warranty and may cause damage.
- Install the device in a location that does not obstruct your view or interfere with the safe operation of your motorcycle.
- Always prioritize safe riding. Avoid prolonged interaction with the screen while operating the motorcycle. Utilize voice commands when possible.
- Keep the device away from extreme temperatures beyond its operating range (-4°F to 158°F).

3. Package Contents

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

- 5.5" IP66 Waterproof Touch Screen Display
- Dual HD 1080P Cameras (Front & Rear)
- Remote Control
- Bracket + Spacer (6 pcs)
- Power Cable
- Type-C Splitter Cable
- Electrical Tape
- USB Power Cable (for testing)
- Binding Strap (10 pcs)

- Sticker (2 pcs) + Screw (4 pcs)
- Installation Tool Set
- User Manual (this document)



Figure 3.1: Package Contents. This image displays all components included in the LBW Premium Motorcycle Dash Cam DVR package, such as the main display unit, two cameras, remote control, mounting hardware, and various cables and tools.

4. Product Overview

Familiarize yourself with the main components of your device:

Product Details



Figure 4.1: Product Details. This image shows the main display unit and remote control with numbered callouts indicating specific features and ports.

1. **Microphone Receiving Hole:** For audio input, used for voice commands and calls.
2. **Type-C Power Plug:** Main power input for the display unit.
3. **Light Sensor:** Automatically adjusts screen brightness based on ambient light.
4. **SD Card Slot Hole:** Insert the provided 128GB SD card here for video recording storage.
5. **Motorcycle Battery Voltage Display:** Shows the current battery voltage on the remote control.
6. **Cycle Button** / **Answer the Phone:** On the remote, used to cycle through functions or answer incoming calls.
7. **Camera Button** / **Hang up the Phone:** On the remote, used to control camera functions or end calls.
8. **Main Interface Button:** On the remote, navigates to the main menu or home screen.



Figure 4.2: Camera Lens Detail. A close-up view of one of the 1080P camera lenses, highlighting its design.



Figure 4.3: Waterproof Connectors. This image illustrates the waterproof design of the system's cables and connectors, ensuring durability in various weather conditions.

5. Setup and Installation

The LBW Dash Cam DVR is designed for universal motorcycle compatibility and straightforward installation.

5.1 Mounting the Display Unit

1. Select a suitable location on your motorcycle's handlebars that provides a clear view of the screen without obstructing your riding.
2. Use the provided bracket and spacers to securely attach the display unit to the handlebar. Ensure it is firmly tightened to prevent movement during rides.

5.2 Installing the Cameras

1. Mount the front camera in a position that offers an unobstructed view of the road ahead.
2. Mount the rear camera to capture the view behind your motorcycle.
3. Connect the camera cables to the corresponding ports on the main display unit. Ensure connections are snug and waterproof.

5.3 Wiring the Power

1. Connect the red wire of the power cable to your motorcycle's ACC (Accessory) +12V power source. This allows the device to power on and off with your motorcycle's ignition.
2. Connect the black wire of the power cable to a reliable ground connection on your motorcycle.
3. Use the provided electrical tape and binding straps to secure all wiring, keeping it tidy and protected from the elements and moving parts.
4. **Note:** A USB power cord is included for initial testing, but for permanent installation and battery voltage display, use the 12-volt power cord.



Figure 5.1: Universal Compatibility and Installation. This image demonstrates the LBW Dash Cam DVR installed on various types of motorcycles, highlighting its adaptability and ease of mounting.

6. Operating Instructions

6.1 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, provided it is correctly wired to the ACC +12V source.

6.2 Wireless Apple CarPlay & Android Auto

To connect your smartphone:

1. Ensure your phone supports wireless CarPlay (for Apple devices) or wireless Android Auto (for Android devices).
2. On the Dash Cam DVR screen, navigate to the CarPlay or Android Auto interface.
3. Enable Bluetooth and Wi-Fi on your smartphone.
4. Pair your phone with the Dash Cam DVR via Bluetooth. Follow the on-screen prompts to complete the connection.
5. Once connected, your phone's interface will appear on the 5.5-inch display, allowing access to navigation, music, calls, and voice assistants.



Figure 6.1: Wireless CarPlay & Android Auto. This image shows the distinct user interfaces for both Wireless CarPlay and Wireless Android Auto as they appear on the device's screen, along with the device mounted on a motorcycle.

6.3 Dual HD 1080P Camera Recording

The device continuously records footage from both front and rear cameras in 1080P resolution. Recordings are stored on the inserted 128GB SD card and utilize loop recording, overwriting the oldest files when the card is full.



Figure 6.2: Dual Camera Recording. This image highlights the two 1080P cameras and the main display, emphasizing the seamless loop recording capability and high-definition capture.

6.4 Remote Control Functions

The included remote control allows for safe operation without taking your hands off the handlebars.

- **Motorcycle Battery Voltage Display:** View your motorcycle's battery voltage directly on the remote.
- **Cycle Button:** Navigate through menus or functions.
- **Answer/Hang Up Phone:** Manage calls directly from the remote.
- **Camera Button:** Control camera functions (e.g., take a snapshot, switch view).
- **Main Interface Button:** Quickly return to the main screen.



Figure 6.3: Steering Wheel Control. This image shows the remote control unit attached to a motorcycle handlebar, displaying the battery voltage and indicating its use for convenient function control.

6.5 Voice Control (Siri & Google Assistant)

Once connected to CarPlay or Android Auto, you can activate your phone's voice assistant (Siri or Google Assistant) to control navigation, make calls, play music, and more, allowing you to keep your focus on the road.

6.6 Screen Brightness

The 5.5-inch IPS screen features an automatic brightness adjustment function via its light sensor. You can also manually adjust the brightness to your preference through the device settings.

7. Maintenance

7.1 Cleaning

- Gently wipe the screen with a soft, lint-free cloth. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner.
- Clean camera lenses regularly to ensure clear recordings. Use a soft cloth and avoid abrasive materials.

- Ensure all ports and connectors are free from dirt and debris.

7.2 Waterproofing

The device is IP66 waterproof, meaning it is protected against powerful water jets. While it can withstand rain and snow, avoid submerging the device in water.

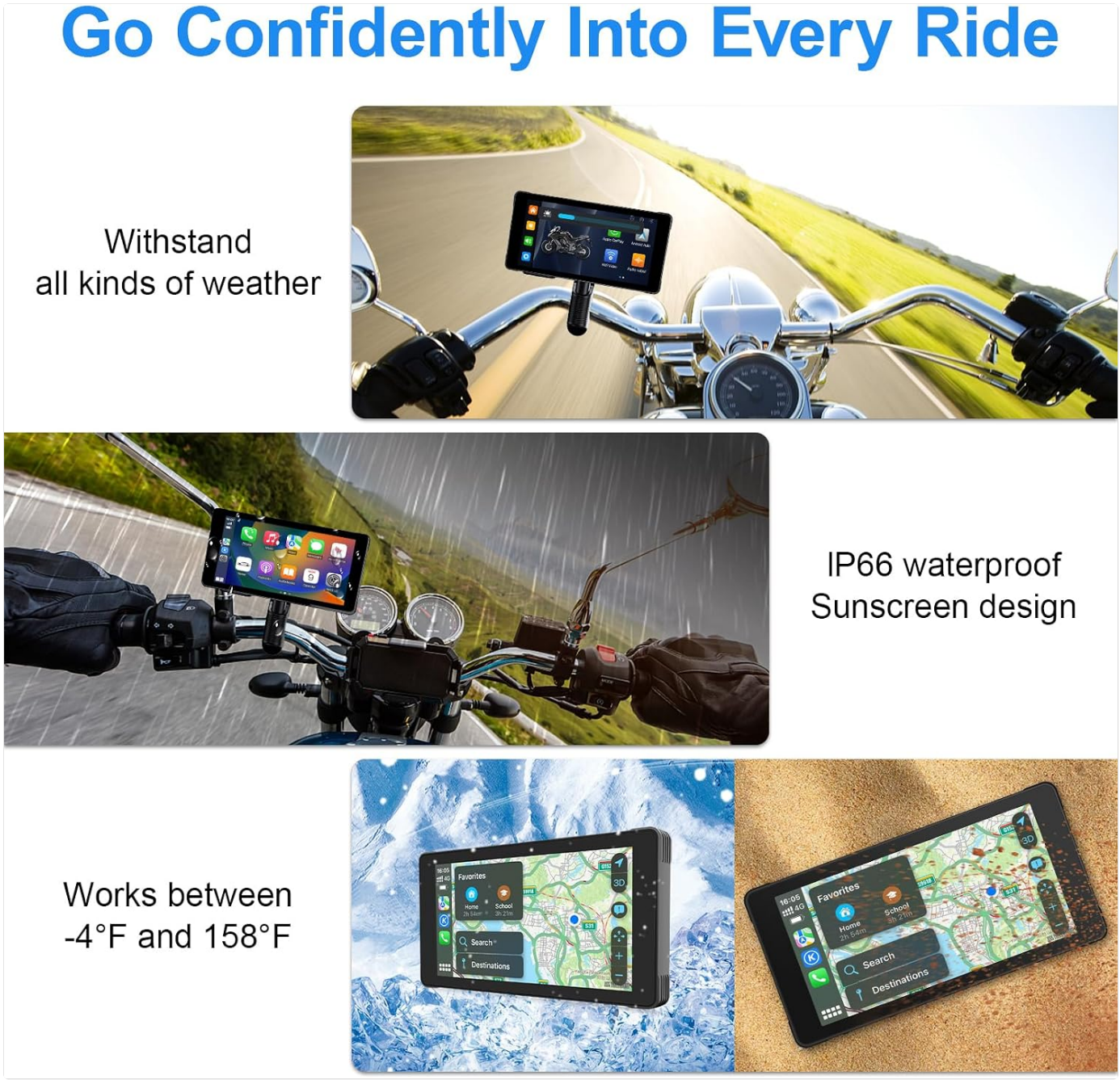


Figure 7.1: All-Weather Performance. This composite image illustrates the device's ability to function reliably in various weather conditions, including rain, snow, and bright sunlight, emphasizing its IP66 waterproof rating and robust design.

8. Troubleshooting

Problem	Possible Cause	Solution
Device does not power on.	Incorrect power wiring; loose connection; motorcycle ignition off.	Check ACC +12V and ground connections. Ensure ignition is on. Verify power cable integrity.

Problem	Possible Cause	Solution
CarPlay/Android Auto not connecting.	Bluetooth/Wi-Fi off on phone; phone not paired; phone incompatible.	Ensure phone's Bluetooth and Wi-Fi are on. Re-pair the device. Confirm phone supports wireless CarPlay/Android Auto.
Cameras not recording or showing video.	SD card full or faulty; camera cable loose; camera malfunction.	Check SD card status, format if necessary (backup data first). Ensure camera cables are securely connected.
Remote control not responding.	Remote battery low; remote not paired; interference.	Check remote battery. Re-pair the remote control with the main unit.
Screen is too dim/bright.	Automatic brightness setting; manual adjustment needed.	Check light sensor for obstructions. Adjust brightness manually in settings.

9. Specifications

Feature	Detail
Model Name	LBW-DVR Carplay-03
Product Dimensions	5.9 x 0.43 x 2.95 inches
Item Weight	6.4 ounces
Operating System	Linux
Connectivity Technologies	Bluetooth, USB, Wi-Fi
Special Features	Night Vision, Touch Screen, Voice Control
Human Interface Input	Touchscreen
Scanner Resolution	960 x 480
Video Capture Resolution	1080p (Dual Cameras)
Waterproof Rating	IP66
Included Components	5.5" IP66 Waterproof Touch Screen, Bracket, Dual HD 1080P Cameras, Remote Control, User Manual
Mounting Type	Dashboard Mount (Motorcycle Handlebar)
Control Method	Touch, Remote, Voice

10. Warranty and Support

LBW offers a **12-month warranty** for this product, covering manufacturing defects and malfunctions under normal use. Additionally, lifetime technical support is provided to assist with any questions or issues you may encounter.

For technical assistance, warranty claims, or any other inquiries, please contact LBW customer support through the retailer where the product was purchased or refer to the contact information provided on the official LBW website.

When contacting support, please have your product model number (LBW-DVR Carplay-03) and purchase details readily available.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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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