

COXPAL A11T

COXPAL A11T 3-Channel Dash Cam User Manual

Model: A11T

INTRODUCTION

This manual provides comprehensive instructions for the COXPAL A11T 3-Channel Dash Cam. Please read this manual carefully before using the device to ensure proper installation, operation, and maintenance. Keep this manual for future reference.

PRODUCT OVERVIEW

The COXPAL A11T is a high-performance 3-channel dash camera designed to record video from the front, interior, and rear of your vehicle simultaneously. It features advanced image sensors, GPS, Wi-Fi connectivity, infrared night vision, and a supercapacitor for enhanced reliability.

Key Features:

- **Triple Channel Recording:** Front (2K @ 30fps), Interior (1080p @ 30fps), Rear (1080p @ 30fps).
- **Advanced Image Sensors:** Equipped with IMX335 (front), IMX307 (interior), and GC2053 (rear) for clear image quality.
- **Supercapacitor Power:** Provides reliable operation in extreme temperatures (-20°C to 70°C) and extends device lifespan.
- **Integrated GPS:** Automatically synchronizes time, records speed, trajectory, and location data.
- **Built-in Wi-Fi:** Allows wireless connection to your mobile phone for video download and sharing via the dedicated app.
- **Infrared Night Vision:** 6 infrared LEDs enable clear recording of the vehicle cabin in low-light or total darkness.
- **User-Friendly Design:** Features a quick-release GPS mount, USB Type-C power input, and ergonomic 5-key control panel.
- **Smart Parking Monitor:** Supports 1fps time-lapse or 720p low-resolution recording when parked (requires optional COXPAL hardwire kit).
- **Loop Recording:** Seamless recording with selectable 1, 3, or 5-minute segments.
- **G-Sensor:** Automatically locks emergency video files upon impact detection.
- **WDR Technology:** Optimizes video quality in varying light conditions, balancing dark and bright areas.
- **High Storage Capacity:** Supports up to 512GB Micro SD cards.

Components:

- Main Camera Unit with GPS Mount

- Rear Camera with 0.5m cable and 5.5m extension cable
- Dual USB 3.1A Car Charger
- 3.5m USB Power Cable
- 2 Spare Adhesive Tapes
- 4 Electrostatic Stickers
- Pry Tool

RELIABLE RECORDING

Reliable recording in any regions | any seasons | any recording modes.



-20°C
-4°F

70°C
158°F

Super Capacitor

No risk of fire

No risk of battery explosion

Image: Crystal Image Quality. This image illustrates the clear video quality from the front, interior, and rear cameras, both during the day and at night, highlighting the 3-channel recording capability.

USER FRIENDLY



Image: Reliable Recording. This image demonstrates the dash cam's ability to operate reliably in extreme temperatures, from -20°C to 70°C, thanks to its supercapacitor, ensuring no risk of fire or battery explosion.

SETUP INSTRUCTIONS

1. **Prepare the Windshield:** Clean the area on your windshield where the dash cam will be mounted. Ensure it is free of dust and grease.
2. **Apply Electrostatic Sticker:** Place an electrostatic sticker on the cleaned windshield area. This allows for easier removal of the adhesive mount later without leaving residue.
3. **Mount the Main Camera:** Attach the GPS mount to the electrostatic sticker using one of the adhesive tapes. Ensure the main camera unit is securely attached and positioned to capture the desired front view. The mount allows for vertical swivel to adjust the angle.
4. **Connect Power:** Connect the 3.5m USB power cable to the USB Type-C port on the GPS mount or directly on the main camera unit. Plug the other end into the dual USB car charger, then insert the charger into your vehicle's cigarette lighter socket.
5. **Install Rear Camera:**

- Determine the optimal placement for the rear camera, typically on the rear windshield.
 - Connect the 0.5m rear camera cable to the rear camera.
 - Route the 5.5m extension cable from the main camera unit (USB Type-C port) to the rear camera's 4-pin connector. Carefully tuck the cable along the headliner and pillar bolsters to conceal it.
 - Ensure the rear camera is installed with the connector facing the passenger side to maintain correct video orientation, as there is no mirror feature in the software.
 - Secure the rear camera using its adhesive mount.
6. **Insert Micro SD Card:** Insert a high-speed (U3 recommended) Micro SD card (up to 512GB) into the designated slot on the main camera unit. Format the SD card through the camera's menu settings before first use.
7. **Initial Settings:** Power on the dash cam. Navigate through the menu to set the correct time zone. Other settings like loop recording duration can also be adjusted at this stage.

SMART PARKING MONITOR

- Time Lapse 1FPS
- Low resolution HD720P@30FPS
- Inside/Rear Cam off optional

PS: An official COXPAL hardwire kit is required



Image: User Friendly Design. This image highlights the key physical features of the dash cam, including the USB Type-C connectors for power and rear camera, the quick-release mechanism, 5-degree omnidirectional rotation, and the ergonomic keypad.

OPERATING INSTRUCTIONS

Basic Operation:

- **Power On/Off:** The dash cam will automatically power on and begin recording when your vehicle starts and power is supplied. It will power off automatically when the vehicle is turned off.
- **Recording Modes:** The camera records continuously in a loop. When the SD card is full, the oldest unprotected files are overwritten.
- **Emergency Recording (G-Sensor):** In the event of a sudden impact or collision, the built-in G-sensor will automatically detect the event and lock the current video file to prevent it from being overwritten.
- **Manual Emergency Lock:** Press the designated shortcut button on the camera to manually lock the current recording segment.
- **LCD Screen:** The LCD screen can be set to automatically turn off after a period to avoid distraction while driving. Recording continues in the background.

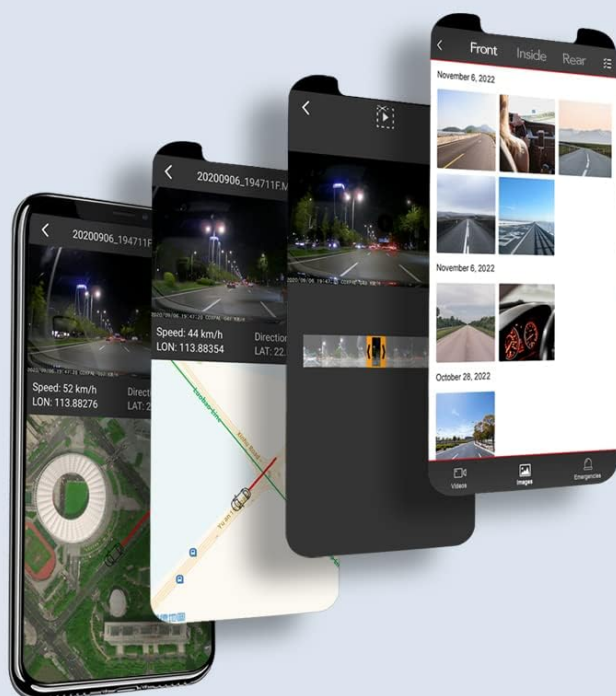
Smart Parking Monitor:

To enable the Smart Parking Monitor feature, an official COXPAL hardwire kit (sold separately) is required. Once installed, the dash cam can record in parking mode using either 1 frame per second (fps) time-lapse recording or low-resolution 720p recording. This feature provides surveillance when your vehicle is parked, detecting impacts or motion.

COXPAL iOS & ANDROID APP

GPS Viewer | Video Crop | Playback

Crop Video to shorter lengths and share it to your social networks conveniently.



COXPAL MAC & WINDOWS GPS VIEWER

GPS trajectory | Speed | Coordinates
3-channel front + inside + rear simultaneously play

Image: Smart Parking Monitor. This image illustrates the 24-hour parking surveillance capability, showing a parked car and a person attempting to break in, indicating the dash cam's ability to record such events.

Wi-Fi Connectivity and Mobile App:

The COXPAL A11T features built-in Wi-Fi for connecting to your smartphone via the dedicated COXPAL app (available for iOS and Android). This allows you to:

- View live footage from all three cameras.
- Download recorded video clips directly to your phone.
- Adjust camera settings.
- Share videos conveniently.

To connect: Activate Wi-Fi mode on the dash cam via its menu. Then, connect your phone to the dash cam's Wi-Fi network (SSID and password usually displayed on the camera screen or in the app). Open the COXPAL app to manage your recordings.



Image: COXPAL iOS & Android App. This image displays the user interface of the COXPAL mobile application, showing features like GPS viewer, video cropping, and playback, along with options for sharing to social networks.

GPS Functionality:

The integrated GPS module provides accurate location, speed, and trajectory data. This information is embedded in your video recordings and can be viewed using the COXPAL mobile app or the exclusive PC/Mac GPS Viewer software.

MAINTENANCE

- **SD Card Formatting:** Regularly format your Micro SD card (at least once a month) through the camera's menu to ensure optimal performance and prevent data corruption. Use only high-quality, reputable brand SD cards.
- **Cleaning:** Use a soft, dry cloth to clean the camera lenses and the LCD screen. Avoid abrasive materials or chemical cleaners that could damage the surfaces.
- **Firmware Updates:** Check the official COXPAL website periodically for firmware updates. Keeping your dash cam's firmware up-to-date can improve performance and add new features.
- **Cable Management:** Ensure all cables are securely routed and not interfering with vehicle operation or safety features.

TROUBLESHOOTING

Camera does not power on:

- Check the power connection to the car charger and ensure the charger is firmly seated in the cigarette lighter socket.
- Verify that the vehicle's cigarette lighter socket is receiving power.
- Ensure the USB power cable is securely connected to the dash cam.

Recording issues (e.g., "SD Card Error"):

- Format the Micro SD card through the camera's settings menu.
- Ensure you are using a high-speed (U3) Micro SD card from a reputable brand.
- Try a different Micro SD card to rule out card malfunction.
- Clean the SD card slot.

Wi-Fi connection problems:

- Ensure Wi-Fi mode is activated on the dash cam via its menu.
- Confirm your phone is connected to the dash cam's Wi-Fi network.
- Restart both the dash cam and your smartphone.
- If using an iPhone, ensure the COXPAL app is updated to the latest version, as previous versions had reported live feed issues.

Rear camera video is inverted or incorrect orientation:

- The rear camera does not have a software mirror feature. Ensure the camera is physically installed with its connector facing the passenger side for correct orientation.

USB-C cable for rear camera or main unit feels loose/damaged:

- Ensure cables are not under excessive strain or tugged frequently.
- Contact COXPAL customer support if you suspect a manufacturing defect or damage to the port/cable.

Glare on recordings:

- Position the camera carefully to minimize reflections from the dashboard or windshield.
- Consider using a CPL (Circular Polarizing Lens) filter (if compatible and available) to reduce glare.

TECHNICAL SPECIFICATIONS

Model Name:	COXPAL A11T
Recording Resolution:	Front: 2K (1440p) @ 30fps, Interior: 1080p @ 30fps, Rear: 1080p @ 30fps
Image Sensors:	Front: IMX335 (5MP), Interior: IMX307 (2MP), Rear: GC2053 (2MP)
Field of View:	140 Degrees
Storage:	Micro SD Card, up to 512GB (U3 recommended)
Connectivity:	Wi-Fi, GPS
Special Features:	Loop Recording, Integrated GPS, Parking Monitor, Night Vision (Infrared), WDR, G-Sensor, Supercapacitor
Display Type:	LCD (3 Centimeters)

Power Source:	Car Charger (USB Type-C)
Operating Temperature:	-20°C to 70°C
Dimensions (Main Unit):	2.5D x 12.3W x 4.2H Centimeters
Supported Standards:	MP4
Compatible Devices:	Smartphone, PC

WARRANTY AND SUPPORT

COXPAL is committed to providing high-quality products and customer satisfaction. While specific warranty details are not provided in this manual, COXPAL has a reputation for responsive and helpful customer service, as noted by users. For technical assistance, warranty claims, or any product-related inquiries, please contact COXPAL customer support through their official website or the contact information provided with your purchase.

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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.

Name

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