

COMTEC DC-DR400

COMTEC i-safe DC-DR400 Drive Recorder User Manual

Model: DC-DR400

1. INTRODUCTION

Thank you for purchasing the COMTEC i-safe DC-DR400 Drive Recorder. This device is designed to record high-quality video of your driving, providing valuable evidence in case of an incident and allowing you to review your journeys. This manual provides essential information for the safe and effective use of your drive recorder, including setup, operation, maintenance, and troubleshooting.

Please read this manual thoroughly before using the product and keep it for future reference.

2. SAFETY PRECAUTIONS

To ensure safe operation and prevent damage to the device or vehicle, observe the following precautions:

- **Installation:** Install the device in a location that does not obstruct the driver's view or interfere with airbag deployment. Ensure the power cable does not interfere with driving controls.
- **Power Supply:** Use only the specified power cable and adapter provided with the device. Incorrect power sources can cause malfunction or fire.
- **Temperature:** Do not expose the device to extreme temperatures. Operating outside the recommended temperature range may affect performance or cause damage.
- **Water and Moisture:** Keep the device away from water and moisture. Do not operate with wet hands.
- **Disassembly:** Do not attempt to disassemble, repair, or modify the device. This will void the warranty and may cause damage or injury.
- **MicroSD Card:** Use a high-quality microSDHC card (8GB included) for reliable recording. Format the card regularly as recommended.
- **Noise Countermeasures:** This product incorporates noise countermeasures to minimize interference with digital terrestrial broadcasting and navigation systems. However, performance may vary depending on the region and environment.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- COMTEC i-safe DC-DR400 Drive Recorder Unit

- Vehicle Power Cable
- Mounting Bracket
- 8GB microSDHC Card
- Instruction Manual (this document)

4. PRODUCT OVERVIEW

The COMTEC i-safe DC-DR400 is a compact drive recorder featuring a built-in LCD screen for immediate video playback and a G-sensor for impact detection. It is designed for continuous recording upon engine start.



Figure 4.1: COMTEC i-safe DC-DR400 Drive Recorder. The image displays the device with its LCD screen showing recorded road footage, control buttons on the side, and highlights features such as "Constant Recording," "G-Sensor Equipped," "8GB microSDHC card included," "Noise Countermeasures," and "Made in Japan."

Key Features:

- **1-Megapixel High-Quality Recording:** Captures clear and vivid images.
- **Built-in LCD Screen:** Allows immediate playback and confirmation of recorded footage directly on the device.
- **Automatic Recording:** Starts recording automatically when the engine is started, eliminating the need for manual operation.
- **G-Sensor Function:** Detects impacts during driving and automatically saves the corresponding video footage as an event file.
- **Noise Countermeasures:** Designed to minimize interference with in-car electronics like digital TV and navigation systems.
- **Made in Japan:** Ensures product quality and reliability.

5. SETUP AND INSTALLATION

Follow these steps to properly set up and install your drive recorder:

1. **Insert MicroSD Card:** Ensure the 8GB microSDHC card is inserted into the designated slot on the drive recorder.
2. **Attach Mounting Bracket:** Securely attach the mounting bracket to the drive recorder unit.
3. **Choose Installation Location:** Select a location on your windshield that provides a clear view of the road ahead, does not obstruct your driving view, and is within reach of the power source. Avoid areas that interfere with airbag deployment.
4. **Mount the Device:** Clean the chosen area on the windshield. Remove the protective film from the adhesive pad on the mounting bracket and firmly press it onto the windshield. Hold for a few seconds to ensure a strong bond.
5. **Connect Power Cable:** Connect the vehicle power cable to the drive recorder's power input port. Route the cable neatly along the windshield edge and dashboard to avoid obstructing your view or controls. Plug the other end into your vehicle's cigarette lighter socket or a compatible 12V power outlet.

6. **Adjust Camera Angle:** Once mounted, adjust the camera lens to capture the desired field of view, typically centered on the road ahead with a slight view of the hood. Use the live view on the LCD screen to assist with adjustment.
7. **Initial Power On:** Start your vehicle's engine. The drive recorder should power on automatically and begin recording.

6. OPERATING INSTRUCTIONS

6.1 Automatic Recording

The DC-DR400 automatically starts recording when the vehicle's engine is turned on and stops when the engine is turned off. There is no need for manual power on/off operations.

6.2 Manual Recording / Event Recording

In addition to continuous recording, the device supports event recording:

- **G-Sensor Event Recording:** If the built-in G-sensor detects a sudden impact or significant vibration (e.g., collision, hard braking), the device will automatically save the current recording segment as an event file, protecting it from being overwritten.
- **Manual Event Recording:** Refer to the device's on-screen menu or specific buttons (if available) for initiating a manual event recording to save a specific moment.

6.3 Playback on LCD Screen

You can review recorded videos directly on the device's LCD screen:

1. While the device is powered on, navigate to the playback menu using the control buttons.
2. Select the desired video file from the list.
3. Press the **OK** button to start playback.
4. Use the navigation buttons to fast forward, rewind, or pause playback.

6.4 Connecting to Car Navigation System (Optional)

If you have an optional AV cable, you can connect the drive recorder to a compatible car navigation system to view recorded footage on a larger screen. Refer to your car navigation system's manual for connection instructions.

7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your drive recorder:

- **MicroSD Card Formatting:** It is recommended to format the microSD card regularly (e.g., once a month) to prevent data corruption and ensure smooth recording. Formatting will erase all data on the card, so back up important files beforehand.
- **Cleaning the Lens:** Gently wipe the camera lens with a soft, lint-free cloth to remove dust or smudges. Do not use abrasive cleaners.
- **Cleaning the Device:** Wipe the exterior of the device with a dry or slightly damp soft cloth. Do not use chemical cleaners.
- **Firmware Updates:** Check the COMTEC official website periodically for any available firmware updates. Follow the instructions provided with the update carefully.

8. TROUBLESHOOTING

If you encounter issues with your DC-DR400, refer to the following common problems and solutions:

Problem	Possible Cause / Solution
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Problem	Possible Cause / Solution
Device does not power on.	• Check if the vehicle power cable is securely connected to both the device and the car's power outlet. • Ensure the car's power outlet is functioning (e.g., by testing with another device). • Check the vehicle's fuse for the power outlet.
Recording does not start.	• Verify that the microSD card is properly inserted. • The microSD card may be full. Format the card (after backing up important files). • The microSD card may be corrupted. Try using a different, compatible microSD card.
Video quality is poor or blurry.	• Clean the camera lens with a soft cloth. • Ensure the windshield area in front of the camera is clean. • Check if the protective film has been removed from the lens.
Device freezes or becomes unresponsive.	• Disconnect the power cable and reconnect it. • Perform a factory reset (refer to device menu for option, if available).

If the problem persists after trying these solutions, please contact COMTEC customer support.

9. SPECIFICATIONS

Feature	Detail
Brand	COMTEC
Model Name	DC-DR400
Recording Resolution	1 Megapixel (High Quality)
Display	Built-in LCD Screen
G-Sensor	Equipped (for impact detection)
Storage	MicroSDHC Card (8GB included)
Power Supply	Vehicle Power Cable (12V/24V compatible)
Product Dimensions (D x W x H)	20 x 102 x 50 mm
Item Weight	325 g
Color	Black
Noise Countermeasures	Implemented (to reduce interference with digital TV/navigation)
Country of Origin	Japan

10. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official COMTEC website. Keep your purchase receipt as proof of purchase.

For technical support, troubleshooting assistance beyond this manual, or inquiries about repairs, please contact COMTEC customer service:

- **COMTEC Official Website:** www.comtec.co.jp (Please check for regional support contact details)
- **Customer Service Hours:** Refer to the official website for current operating hours.

When contacting support, please have your product model number (DC-DR400) and purchase details ready.

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