



CDR 810 Product Manual

Thank you for purchasing Drive HD, by Cobra. The CDR 810 is a 1080P HD Digital Video Recorder and Dash Cam designed to protect your vehicle and give you peace of mind.

Package Contents Include:

- CDR 810 Dash Cam (not shown)
- Product Manual
- Heavy Duty Suction Cup Mount
- 8GB Micro SD Card
- Cigarette Lighter Adapter
- USB Cable
- AV Cable



Please take a moment to read through this product manual to fully understand how to properly mount and operate your CDR 810.

CDR 810 Functions



- | | |
|-----------------------------|--------------------------------------|
| 1. Menu | 12. MicroSD Card Slot |
| 2. Photograph/Playback | 13. USB Interface |
| 3. File Lock/Enter | 13. Reset |
| 4. Record/Up | 14. On/Off Button/
Toggle iR LEDs |
| 5. Microphone/Down | 15. LED Display |
| 6. REC Indicator Light | 16. Camera Lens |
| 7. Charging Indicator Light | |
| 8. MIC Indicator Light | |
| 9. AV Out | |
| 10. Microphone | |

Mounting the CDR 810




Suction Cup Bracket

The CDR 810 should be mounted to the windshield using the included Suction Cup Mount. Make sure to line the unit up so that it has a clear view of the road. If you are rotating the camera to view the cab, make sure to change the Rotate Setting to ON in the Tools Menu.

Operation

Turn on/off: press the on/off button to turn the unit on, press and hold the on/off button to turn the unit off.

Continuous Cyclical Recording: Cyclical recording means that once the memory card is full this camera will continuously overwrite the oldest footage recorded. To protect a clip so that it will not be overwritten, press the Lock File Button. The  icon will show on the screen.

Navigating the Menu: Press the Menu Button to enter into menu. Press the Menu Button again to cycle through basic and mode specific settings lists. To navigate through the menus use the Up and Down buttons, which double as Rec and Mic respectively. Press the File Lock/Enter Button to enter specific settings and select specific options. Pressing the Menu Button again will exit the menu screen.

Video: In recording mode, press the Record Button to start recording with the REC indicator light flashing, press the Record Button again to stop recording and the file will be saved automatically.

Photograph: Press the Photograph/Playback Button to enter photograph mode. Press the button again to snap still photos. To return to video mode press the Record Button.

NOTE: This device complies with part 15 of FCC rules: Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received including interference that may cause undesired operation.
CAUTION: Modifications or parts not approved by Cobra Electronics Corporation may violate FCC Rules and void authority to operate this equipment.
This device complies to Canadian Standard ICES-003.
CAN ICES-3B/NMB-3B.



Operation

View Videos and Photographs: Enter Playback Mode by pressing and holding the Photograph/Playback Button. You can then cycle through your recordings using the up/down arrows and play or stop a clip by pressing the File Lock/Enter Button.

G-Sensor: The G-Sensor is an accelerometer that can detect if you are in an accident. If the G-Sensor is triggered, the current video segment will automatically be locked so that it is not overwritten by cyclical recording. The sensitivity of the G-Sensor can be adjusted in settings.

LED Headlight: To turn on the LED highlights simply tap the ON/OFF button while in recording mode.

AV OUT: Plugging the AV Cable into the AV OUT port allows you to broadcast the Dash Cam's screen on a TV or monitor that accepts AV Signals. The Dash Cam will operate normally. The unit outputs an NTSC signal that works with most analog TV inputs.

Battery: The battery in this unit is intended to operate the unit for 15 seconds after power loss due to an accident or crash. If the unit is turned on without the Cigarette Lighter Adapter attached you can manually start recording and the camera will operate for approximately 1.5 hours on battery power. Note that the screen will turn off after 30 seconds to conserve battery.

Operation

USB: USB is used to power DVR as well as allow connection to PC for file transfers. Connect the product to your computer with the included USB cord to view and manage video and image files. Choose Mass Storage to view files or USB Charge if you just want to power the unit. If Mass Storage is selected you will be able to navigate to "Removable Disk" on your computer. Video files are AVI format and can be played using most video players.

Reset: Use a sharp point to press this button if the unit freezes or does not turn on for any reason. Reset will not erase video recordings or customized settings.

Specifications

Visual Angle	140 degrees
Lens Degrees Rotation	200 degrees
Sensor	5.0 megapixels
Video resolution	1080P/1080PHD/720P/WVGA
Video Format	VGA
VGA	720P/30fps/WVGA/30fps
Picture Format	JPEG
Picture Resolution.....	2592 x 1944 (Max. 12M)
Highlight.....	Supported
Web Camera.....	Supported
Motion Detection	Supported
Removable Disk.....	Supported
Sound Recording	Synchronous video and sound record/only video without sound (optional)
MicroSD Card	8GB included
Storage Temperature	-20 - 60C
Operation Temperature	-10 - 60C
Player Software	Windows Media Player/KM Player
USB Interface.....	USB 2.0
Display Screen.....	2.0 TFT
Capacity of Battery	250-450 mAh
Charging Current	200-300MA
Charging Time	1 hour
AV Output	NTSC/PAL Analog Video & Audio

Customer Assistance

Should you encounter any problems with this product, or not understand its many features, please refer to this owner's manual. If you require further assistance after reading this manual, Cobra Electronics offers the following customer assistance services:

For Assistance in the U.S.A.

Automated Help Desk:

English only. 24 hours a day, 7 days a week, phone 773-889-3087.

Customer Assistance Operators:

English and Spanish. 8:00 a.m. to 5:30 p.m. Central Time, Monday through Friday (except holidays), phone 773-889-3087.

Questions:

English and Spanish. Faxes can be received at 773-622-2269.

Technical Assistance:

English only. www.cobra.com (on-line: Frequently Asked Questions). English and Spanish. product info@cobra.com (e-mail).

For Assistance Outside the USA:

Contact Your Local Dealer

Trademark Acknowledgement

Cobra[®] and the snake design are registered trademarks of Cobra Electronics Corporation, USA.

Cobra Electronics Corporation[™] is a trademark of Cobra Electronics Corporation, USA.

Limited 1-Year Warranty

For Products Purchased in the U.S.A.

Cobra Electronics Corporation warrants that its Cobra Dashboard Cameras, and the component parts thereof, will be free of defects in workmanship and materials for a period of one year from the date of first consumer purchase. This warranty may be enforced by the first consumer purchaser, provided that the product is utilized within the U.S.A.

Cobra will, without charge, repair or replace, at its option, defective Dashboard Cameras, products or component parts upon delivery to the Cobra Factory Service Department, accompanied by proof of the date of first consumer purchase, such as a duplicated copy of a sales receipt.

You must pay any initial shipping charges required to ship the product for warranty service, but the return charges will be at Cobra's expense, if the product is repaired, this warranty gives you specific rights, and you may also have other rights which vary from state to state.

Exclusions: This limited warranty does not apply:

1. To any product damaged by accident.
2. In the event of misuse or abuse of the product, or as a result of unauthorized alterations or repairs.
3. If the serial number has been altered, defaced or removed.
4. If the owner of the product resides outside the U.S.A.

All implied warranties, including warranties of merchantability and fitness for a particular purpose are limited in duration to the length of this warranty.

Cobra shall not be liable for any incidental, consequential or other damages; including, without limitation, damages resulting from loss of use or cost of installation.

Some states do not allow limitations on how long an implied warranty lasts and/or do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you.

Product Service

For any questions about operating or installing this new Cobra product, or if parts are missing...**PLEASE CALL COBRA FIRST**...do not return this product to the store. See customer assistance on reverse side of this sheet. If this product should require factory service, please call Cobra before sending the product. This will ensure the fastest turn-around time on any repair. If Cobra asks that the product be sent to its factory, the following must be furnished to have the product serviced and returned:

1. For Warranty Repair include some form of proof-of-purchase, such as a mechanical reproduction or carbon of a sales receipt. Make sure the date of purchase and product model number are clearly readable. If the originals are sent, they cannot be returned;
2. Send the entire product;
3. Enclose a description of what is happening with the product. Include a typed or clearly printed name and address of where the product is to be returned, with phone number (required for shipment);
4. Pack product securely to prevent damage in transit. If possible, use the original packing material;
5. Ship prepaid and insured by way of a traceable carrier such as United Parcel Service (UPS) or Priority Mail with delivery confirmation to avoid loss in transit to: Cobra Factory Service, Cobra Electronics Corporation, 6500 West Cortland Street, Chicago, Illinois 60707 U.S.A.;
6. If the product is in warranty, upon receipt of the product it will either be repaired or exchanged depending on the model. Please allow approximately 3 – 4 weeks before contacting Cobra for status. If the product is out of warranty, a letter will automatically be sent with information as to the repair charge or replacement charge.

For any questions, please call 773-889-3087 for assistance.

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