CO-PILOT®

CPDVR3 – Mirror Car Video Recorder User Manual

For Help using or Fitting Product call: 0330 123 9040

Disclaimer

CO-PILOT has made every effort to ensure that all the information contained in this manual is accurate and reliable. However, the information is subject to change without notice.

CO-PILOT assumes no responsibility for any damage or injury resulting from the use of this product.

Under no circumstances should CO-PILOT products be operated by the driver whilst the vehicle is in motion.

No part of this publication may be copied, distributed, transmitted or transcribed without the permission of CO-PILOT.

Warranty and Registration

Your CO-PILOT device is guaranteed for one year from the date of purchase from all manufacturing defects that occur with normal use. If your unit fails to perform as specified in this user guide please contact your retailer or ourselves with regards to your warranty. To activate the 12 month warranty please visit www.copilotmobile.co.uk.

Continued use of this product by you, will constitute full acceptance of the Disclaimer and Copyright notice and the terms there under. If this product is installed in a vehicle that is used by people other than yourself, you accept and agree without reservation that it is your obligation to notify other vehicle users as to the safe working usage of this product.

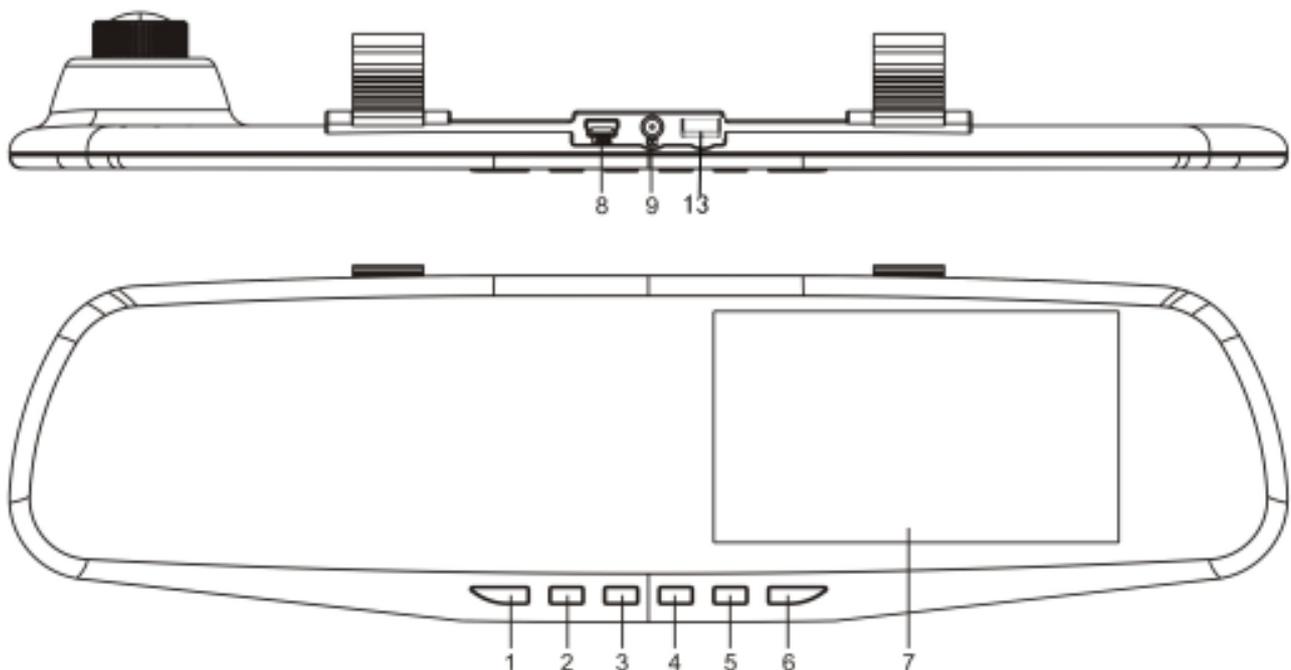Any attempts to open or dismatnte your device may invalidate your warranty.
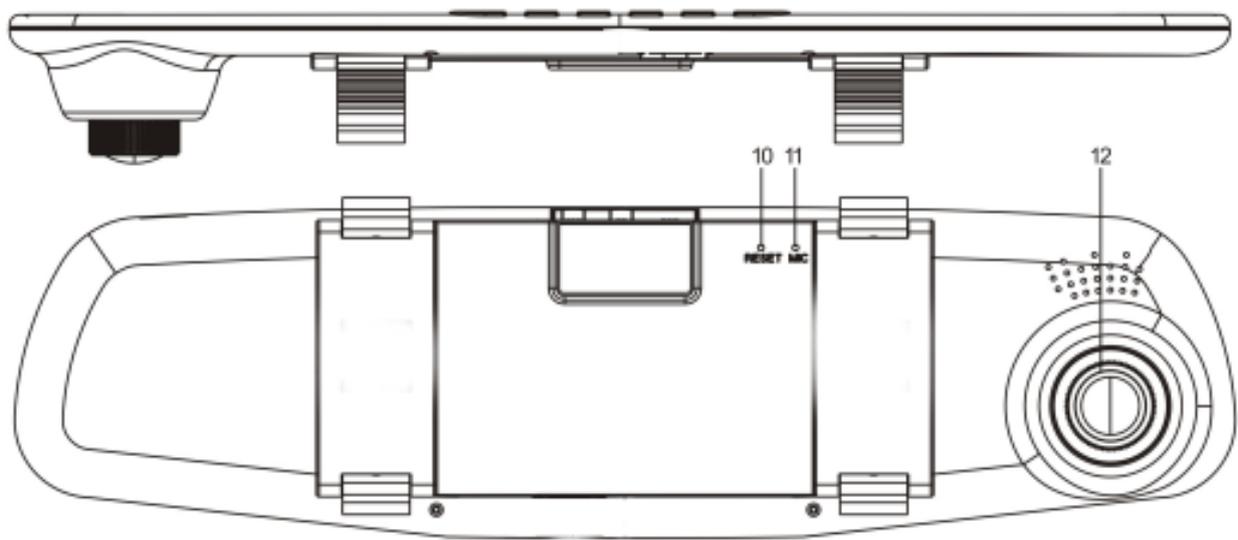
Introduction

Thank you for purchasing your CO-PILOT device. It's never been more important to record your journeys on the road and be prepared for any incidents that may occur along the way.

In today's society fake insurance claims are becoming ever more prevalent, not only is your health at risk but your insurance premium could rise by up to 30%. CO-PILOT products are specifically designed to fight back and protect yourself against fraudulent claims as a simple, discreet accident camera suitable for use in any vehicle.

It continuously records and saves footage as you drive, and in the event of an accident uses G-Force sensors to capture the footage which cannot be overwritten and need to be manually deleted from the SD card.

Product Anatomy

No.	Icon	Name	Operating instructions
1	⏻	Power Button	Hold to turn on / off; press to toggle screen back-light on / off;
2	▤▤	The menu key /Video Emergency lock button	In Standby mode, press the key to transfer function setup menu; Continuously press the key to switch between the settings menu; In Recording mode, press the button to lock on the file, not be cyclic covering;
3	✤	Mode Button	For video / photo / Playback switch function;
4	◀	Page up /Playback Mode sound Volume Adjust	Menu options, select the function key; Standby or video mode; Playback mode, press the button to reduce the sound volume;
5	▶	Turn down/Mute	Menu options, downward selection function keys In video mode, press this button to mute the sound

6	**OK**	Confirmation key/video record & photo taking button	Video / Photo / Menu confirmation key Standby mode, press this button to launch the on / off camera; Photograph mode, press the key to take photos; menu mode to confirm key;
7		Display	4.3 inch 16:9 TFT, high-definition display screen;
8	USB	The USB interface / Power Input	Connected to a computer for data; Power In connection
9		AV In	Rear-view Camera connection port
10	RESET	Reset button	System restart reset button;
11	MIC	Microphone	Collection the sound
12		Front Camera	Front Camera video/image collection
13		TF card slot	TF memory card slot, 4GB to 32GB

Display Icons

2016/8/10   02:19:50

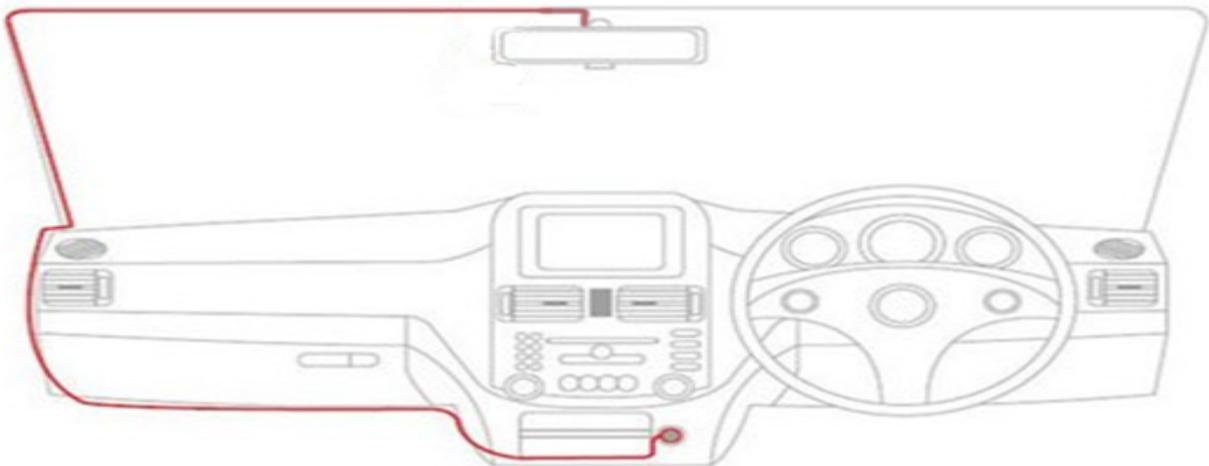| No.	Icon	Description
1	/ / /	Video / Photo / Playback / Motion Detector mode
2	**1080P**	Video Resolution
3		Video Locked
4	/	Parking Control On / Off
5		Memory Card Present
6	/	Recording On / Off
7		Battery Status
8	**00:17**	Video Runtime will be here
9	**2016/8/10**	Date
10	**02:19:50**	Time

Installation and Operation

Quick Start

1. Please insert the Micro SD card in the TF slot, CPDVR3 supports the memory size from 4GB to 32G (Class 8 or above).

> Note: Please format the memory card for first time usage and please do not remove or insert the memory card whilst the device is on, it is easy to damage the memory card

2. The equipment will be installed to the left of the original rear-view mirror. The equipment should be flush with the mirror and be fastened in the original car rear-view mirror with the provided attachments and adhesive pads. These will securely hold the Mirror Cam in place and will allow for removal if you need to move it to another vehicle.

3. Connect the power supply. Please use the original charger, and connect one end of the charger into USB interface of the camera, then insert the other end of the car charger into the car cigarette port. We suggest you run the extension cable as below.
Keep all cables and wires tidy and do not black you view.

4. The DVR automatically turns on will start recording automatically when your car's engine starts, if the car charger is constantly plugged in. The DVR will stop recording and save the data to your micro SD card automatically after 15 seconds of not receiving power and will then turn off. If the memory card is full it will begin overwriting data

5. Manual On / Off mode: Short Press the power ⏻ button，and you will hear the boot up sound, the DVR will start to record automatically, To stop recording press "**OK**" Button, the DVR will save the data to your SD card and be in standby mode. Short Press " ⏻ " Power ON/OFF button again，the camera will turn off automatically.

6. Rear Camera.

   The Mirror cam has a Rear-View Camera to record what happening behind you, to fit this follow these simple steps.
   - Connect the Rear Mirror Cam cable from the Mirror cam to the rear of the vehicle following a safe and discreet route. The cable should just tuck away under trims.
   - Once you have the cable to the rear of the car, plug in the Rear Camera and check the picture appears on the top right hand corner of the screen on the Mirror cam.
   - Once you can see the picture, position the Rear Cam in the top center of the rear windscreen and secure it in place using sticky pads.
   - Hid any excess cable by tucking away under the trims.

Menu Settings

Menu options	Options
Video Quality	1080P/ 720P
Photo Quality	1M/ 2M/ 5M/ 8M
Video Length	2 min, 3 min, 5 min, off; If you choose close, card will not be covered with

	automatic cycle.
Move Detect	OFF/ON
White Balance	Auto/ Daylight/ Cloudy/ Tungsten/ Fluorescent
Sharpness	Strong/ Normal/ Soft
Exposure	0;-1/3;-2/3;-1.0;/-4/3;-5/3;-2
Power ON Record	OFF/ON
Screen Saver	10 Seconds /20 Seconds /30 Seconds/Close
Record Voice	OFF/ON
Park monitor	OFF/ON
G-sensor	High/ Mid/ Low/ Close
Date /Time	Can set the year, month, day, hour, minute, second
Language	English/ Simplified Chinese/ German/ Japanese/ French/ Polish/ Korean/ Italian/ Portuguese/ Russian/ Spanish/ Thai
Time Watermark	OFF/ ON
Frequency	50HZ、60HZ ,
Auto Power off	1 Min/ 3 Min/ Off
Format	SD Card
Factory Data Reset	Cancel/OK
Firmware	The software version number

Time and Date Settings

1. Press the **OK** button, the device enters the standby state.
2. In standby mode, then press the ⊞ button to enter the menu setting, then press the "◀" and "▶" button to find the "date" menu, then press "OK" button to enter into setting.
3. By pressing "◀ "or "▶" button set the date, then press ⊞ button to switch. Click "**OK**" button to exit until the complete setting.

Video/Photo operation

1. Press "✿" button to switch to video mode, the video recording icon display in the upper left corner of the screen.
2. Press "✿" button to switch to photo mode, press " **OK"**

key to take pictures, while the DVR takes a picture you will hear a sound to confirm a photo has been taken correctly.

Video / Photo playback operation

1. In standby mode, press "�֎"key twice and enter into playback mode, the "▶"icon showing in the middle of the screen.
2. Press"◀ "or "▶" keys to choose the file you need to view.
3. Short press **"OK"** key to play the selected video files; press "✷" button to exit.

Special Functions:

The G-Sensor Function

- If the start of the G-sensor detects a collision, the footage captured will become locked and cannot be overwritten by the device. You will need to be manually deleted from the SD card. You can adjust the Sensitivity of G-Sensor in the menu setting.

File locking Function

- Press "▦" key to lock a file manually and the video file to ensure the file cannot be overwritten

Parking Monitoring Function

- Enable this function through the menu setting first, when the car's engine is off. If the DVR detects any external vibrations it will automatically start to record 10-15 seconds, then the DVR turn off. The video files will be locked automatically.

Note: Please disable the Parking monitoring function when you want to resume normal video recording

Motion Detection Function;

- The DVR is equipped with motion detection similar to the parking mode. In standby mode enable the motion

detection from the menu setting, then the LCD display will appear icon will appear in the middle of upper corner of the screen, if it detects movement from any object within 3 meters, the DVR start to record 10-30 seconds automatically.

USB Mode
- When you use the USB cable to connect with computer, the DVR will display two menu options automatically:
    1. Storage – You can navigate all the files on the SD card
    2. Camera – You can record video or take photos using the DVR in this mode

Reset
- If the DVR freezes or any abnormal operation are occurring, you can use small needle through the hole to touch "RESET" button to reset the machine operation.

Product Specifications

G-sensor	Built-in
display size	4.3" TFT
Camera lens	140 A+ level lens

Language	Multi language
Video resolution	1920*1080P　　1280*720P
Video format	H．264, AVI
loop video	Seamless loop video, no leakage.
Motion detection function	Support
Date time	Support
carrier medium	built-in　(total: 1024MB)
Photo	500M
Photo format	JPEG
Memory card	TF (Maximum support 32GB)
Microphone	Support
Sound	Built-in
Video format	PAL/NTSC
current frequency	50HZ/60HZ
USB function	1: PC_data
Power interface	12-24V 2A
Battery	Built-in 450mAh