

# PYLE

PyleUSA.com



## **PLCMDVR54** **DASH CAM**

**Rearview Backup and Driving HD Camera Record Kit**  
**1080p Night Vision Cam**  
**Video Recording System**

**USER MANUAL**

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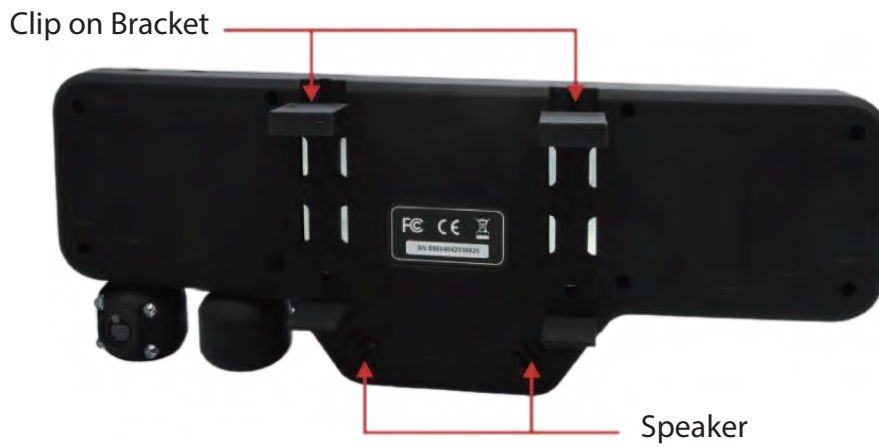
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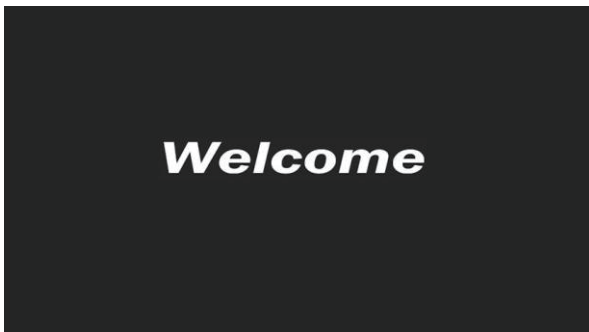
## BASIC PARAMETERS

SPECIFICATIONS	
ITEMS	VALUE
Lens	500 million pixels, 140 degree high resolution wide angle lens
Lens Aperture	F/1.8
Optic	6 glass high-level coating lens+ infrared filter
Display	4.3 inch TFT display
Recording Resolution	1920x1080@ 30fps, 1280x720@ 30fps
Memory Card	4GB/8GB/16GB/32GB/64GB/128GB TF High Speed Memory Card
Video Mode	Continuous Video, Accident Recording, Parking Video
G-Sensor	Built-in three-axis G-Sensor, three sensitivity settings level
Video Encoding	H.264, MOV file format
Audio	Supports Recording and Loudspeaking
Language	English, Simplified Chinese, Traditional Chinese, Korean, Russian, French, German, Japanese
Loop Recording	1 minute, 2 minutes, 3 minutes
Memory Capacity	1G
Number of Cores	Dual Core
Battery	Built-in Polymer Li-ion Battery
DVR Installation Type	Rear View
Number of Lens	3

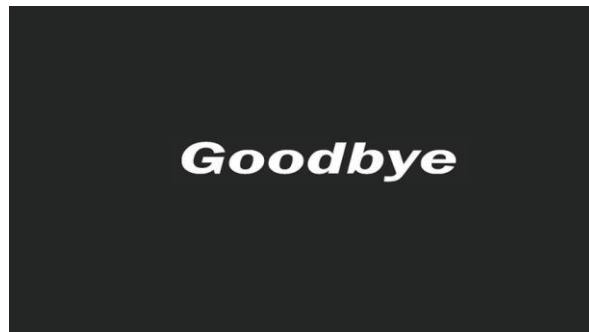
# KEY DEFINITION



## 1. DVR POWER ON/OFF



Startup screen




Shutdown screen

### DVR POWER ON

- Connect external power supply or press  to turn on the power

### DVR POWER OFF

- Press  for 2 seconds, to turn off the power. After setting auto power off time, when there is no external power supply, the system will start the countdown and will shut down when countdown ends.
- Low battery will cause automatic power off (3.6V).

### Notes:

*Restore factory settings before your first use. Rear view camera will close if there is no external power source. Never pull out SD card when recording.*

## 2. DRIVING RECORD FUNCTION



Driving Record Image

















Recording

### FUNCTION DESCRIPTION

- It will start recording automatically after power on. Video icon will keep flashing when recording.
- Recording will stop if there is no SD card or not inserted properly.
- Loop recording mode will automatically overwrite old files for non-stop recording.

## ICONS

 Normal Recording	 1280x720@ 30fps
 1920x1080@ 30fps	 Sound Recording Off
 Sound Recording On	 Prompt Tone On
 Mute	 Loop Recording 2 Minutes
 Loop Recording 1 Minute	 Full Battery
 Connect External Power Supply	 Record Time
 Emergency Recording	 Loop Recording 3 Minutes

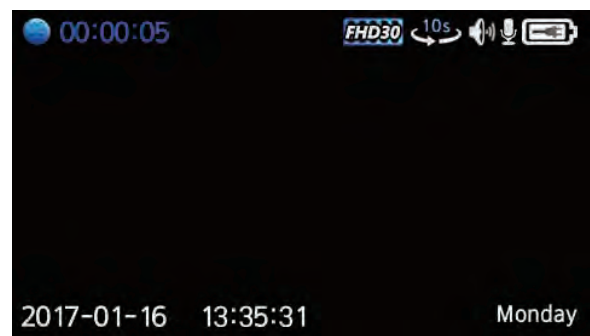
## KEY DEFINITION

Key	Operation	Definition
⏻	Long press for 2 seconds	Shutdown
	Short press	Turn off backlight
M	Short press	Back to menu
▲	Short press	Full screen display switch between front camera and rear camera
▼	Short press	Rear camera display switch
ok	Short press	Take picture
	Long press	Emergency recording Exit emergency recording

## 3. MOTION DETECTION



Motion Detection

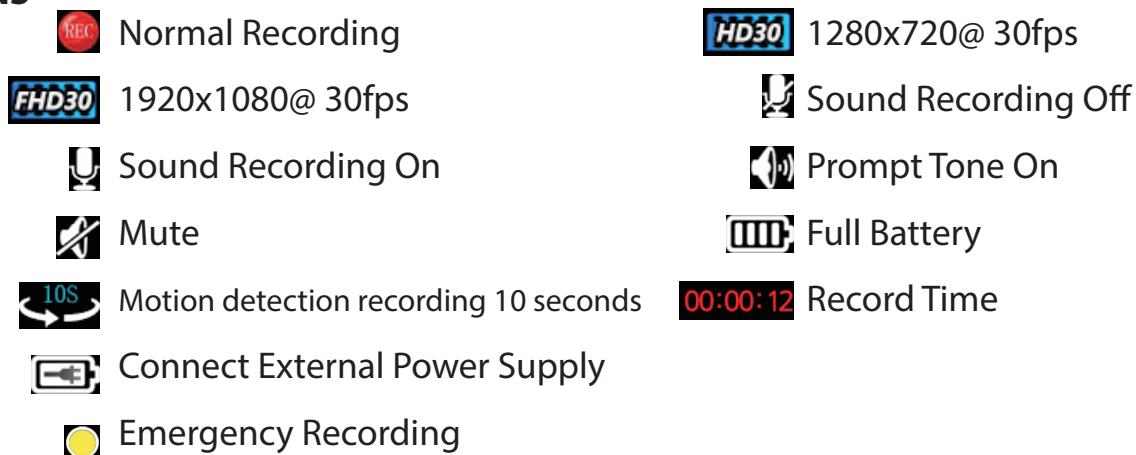


Recording image

## FUNCTION DESCRIPTION

- Video icon will keep flashing when recording.
- Recording will stop if there is no SD card or SD card were not inserted properly.
- If motion detection recording is on when the car stop, the screen display will still be on when the video screen changes. It will start recording and saving files to the TF card.

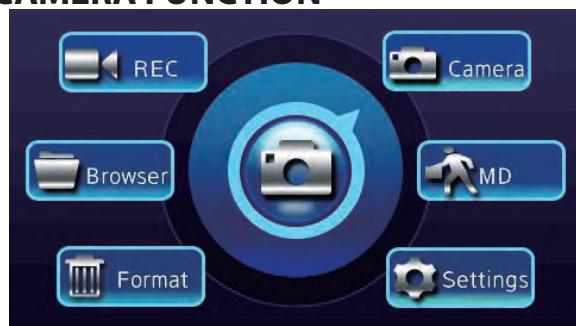
## ICONS



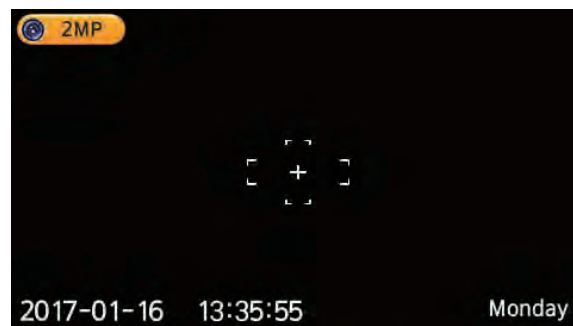
## KEY DEFINITION

Key	Operation	Definition
⏻	Long press for 2 seconds	Shutdown
	Short press	Turn off backlight
M	Short press	Back to menu
▲	Short press	Full screen display switch between front camera and rear camera
▼	Short press	Rear camera display switch
ok	Short press	Invalid Operation
	Long press	Invalid Operation

## 4. CAMERA FUNCTION



Camera function



Camera

### FUNCTION DESCRIPTION

- In this mode you can shoot photos of the following sizes:
 

14MP(4352 x 3264)	12MP(4000 x 3000)
8MP(3264 x 2448)	5MP(2560 x 1920)
3MP(2048 x 1536)	2MP(1920 x 1080)
1.2MP(1280 x 960)	VGA(640 x 480)
- If you need to change the size of the photo, go to setting menu and change the setting.

## KEY DEFINITION

Key	Operation	Definition
⏻	Long press for 2 seconds	Shutdown
	Short press	Turn off backlight
M	Short press	Back to menu
▲	Short press	Invalid Operation
▼	Short press	Invalid Operation
ok	Short press	Take picture
	Long press	Invalid Operation

## 5. BROWSER



## FUNCTION DESCRIPTION

The number shows the quantity of documents contained in the four project folders 'REC Files', 'SOS Files', 'MD Files', 'Photos Files'.



Folder with files



Folder without files

## KEY DEFINITION

Key	Operation	Definition
⏻	Long press for 2 seconds	Shutdown
	Short press	Turn off backlight
M	Short press	Back
▲	Short press	Left
▼	Short press	Right
ok	Short press	Enter Sub-option
	Long press	Invalid Operation

## 5.1 REC FILES



REC Files



File List

## FUNCTION DESCRIPTION

- Choose the folder and press 'ok' to enter file list.
- Press 'ok' again to play the video file.

## KEY DEFINITION FOR 'REC FILES FOLDER OPERATION'

Key	Operation	Definition
⏻	Long press for 2 seconds	Shutdown
	Short press	Delete folder
M	Short press	Back to menu
▲	Short press	Up
▼	Short press	Down
ok	Short press	Enter the file list of the folder
	Long press	Invalid Operation

## KEY DEFINITION FOR 'FILE LIST'

Key	Operation	Definition
⏻	Long press for 2 seconds	Shutdown
	Short press	Delete file
M	Short press	Back to REC files folder
▲	Short press	Up
▼	Short press	Down
ok	Short press	Play video file
	Long press	Invalid Operation

## KEY DEFINITION WHEN PLAYING VIDEO FILE

Key	Operation	Definition
⏻	Long press for 2 seconds	Shutdown
	Short press	Invalid Operation
M	Short press	Back to file list
▲	Short press	Play last video file
▼	Short press	Play next video file
ok	Short press	Play/Pause
	Long press	Invalid Operation

### 5.2 SOS FILES

The operation and key definition is same as 'REC Files'.

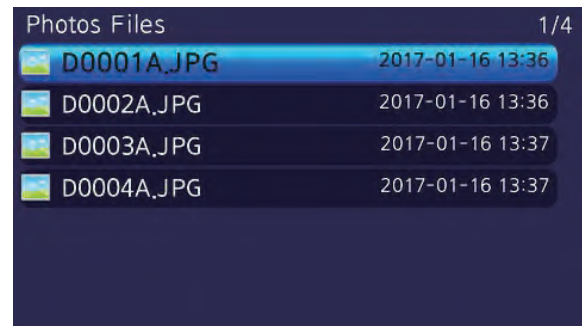
### 5.3 MD

The operation and key definition is same as 'REC Files'.

### 5.4 PHOTOS FILES



Photos Files



File List

## FUNCTION DESCRIPTION

- Choose the folder and press 'ok' to enter file list.
- Press 'ok' again to preview the photos..

## KEY DEFINITION FOR 'PHOTOS FILES' FOLDER OPERATION

Key	Operation	Definition
⏻	Long press for 2 seconds	Shutdown
	Short press	Delete folder
M	Short press	Back to menu
▲	Short press	Up
▼	Short press	Down
ok	Short press	Enter the file list of the folder
	Long press	Invalid Operation

## KEY DEFINITION FOR 'FILE LIST'

Key	Operation	Definition
⏻	Long press for 2 seconds	Shutdown
	Short press	Delete folder
M	Short press	Back to previous page
▲	Short press	Up
▼	Short press	Down
ok	Short press	Preview photos
	Long press	Invalid Operation

## KEY DEFINITION WHEN PREVIEWING PHOTOS

Key	Operation	Definition
⏻	Long press for 2 seconds	Shutdown
	Short press	Invalid Operation
M	Short press	Back to file list
▲	Short press	Last photo
▼	Short press	Next photo
ok	Short press	Back to file list
	Long press	Invalid Operation

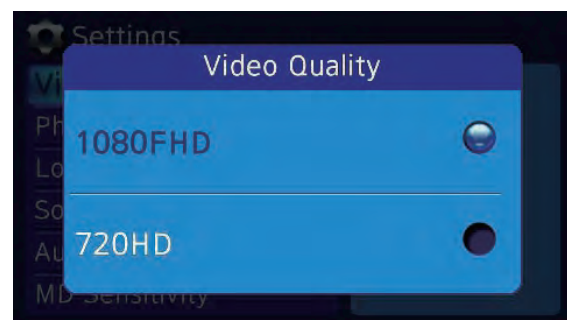
## SETTINGS



## KEY DEFINITION

Key	Operation	Definition
⏻	Long press for 2 seconds	Shutdown
	Short press	Turn off backlight
M	Short press	Invalid Operation
▲	Short press	Left
▼	Short press	Right
ok	Short press	Enter Sub-option
	Long press	Invalid Operation

## 6.1 VIDEO QUALITY



### VIDEO QUALITY

- 1920 X 1080      Frame rate 30fps
- 1280 X 720      Frame rate 30fps

## KEY DEFINITION

Key	Operation	Definition
⏻	Long press for 2 seconds	Shutdown
	Short press	Turn off backlight
M	Short press	Back to menu
▲	Short press	Up
▼	Short press	Down
ok	Short press	Enter sub-option and change setting
	Long press	Invalid Operation

## 6.2 PHOTO SIZE



Photo Size setting 1

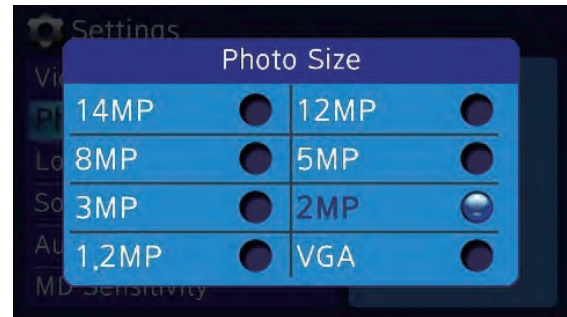


Photo Size setting 2

### PHOTO SIZE

14MP(4352 x 3264)

12MP(4000 x 3000)

8MP(3264 x 2448)

5MP(2560 x 1920)

3MP(2048 x 1536)

2MP(1920 x 1080)(Default setting)

1.2MP(1280 x 960)

VGA(640 x 480)

### KEY DEFINITION

Key	Operation	Definition
⏻	Long press for 2 seconds	Shutdown
	Short press	Turn off backlight
M	Short press	Back to menu
▲	Short press	Up
▼	Short press	Down
ok	Short press	Enter sub-option
	Long press	Invalid Operation

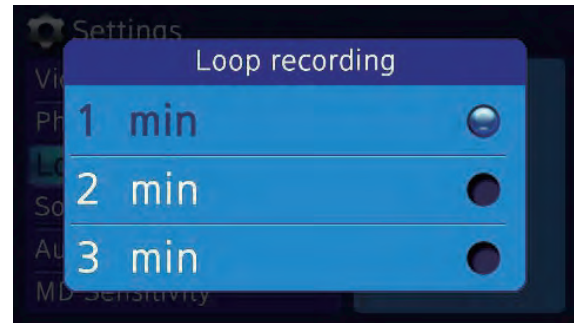
## KEY DEFINITION FOR 'PHOTO SIZE SETTING 2'

Key	Operation	Definition
⏻	Long press for 2 seconds	Shutdown
	Short press	Turn off backlight
M	Short press	Back to previous menu
▲	Short press	Left
▼	Short press	Right
ok	Short press	Confirm setting
	Long press	Invalid Operation

## 6.3 LOOP RECORDING



Loop recording 1



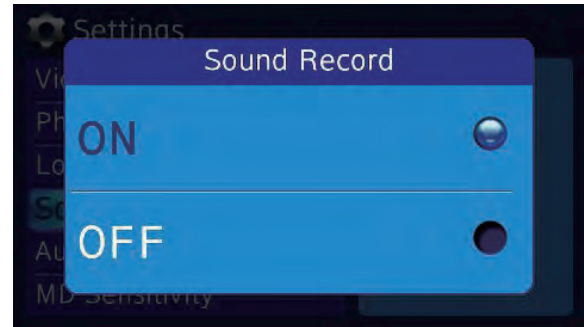
Loop recording 2

Loop recording time can be set to 1 minute/ 2 minutes/ 3 minutes for each file. Default setting is 1 minute.

## KEY DEFINITION

Key	Operation	Definition
⏻	Long press for 2 seconds	Shutdown
	Short press	Turn off backlight
M	Short press	Back to menu
▲	Short press	Up
▼	Short press	Down
ok	Short press	Enter sub-option
	Long press	Invalid Operation

## 6.4 SOUND RECORD



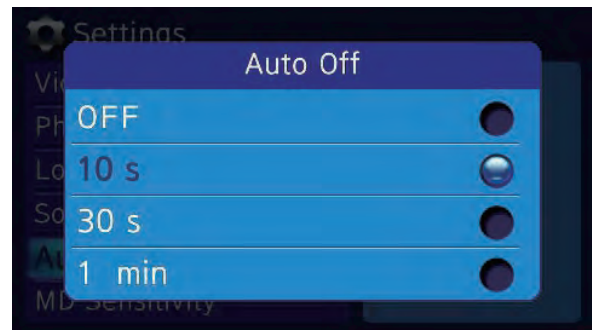
### FUNCTION DESCRIPTION

- **ON:** Record video with sound (default setting)
- **OFF:** Record video without sound.

### KEY DEFINITION

Key	Operation	Definition
⏻	Long press for 2 seconds	Shutdown
	Short press	Turn off backlight
M	Short press	Back to menu
▲	Short press	Up
▼	Short press	Down
ok	Short press	Enter sub-option
	Long press	Invalid Operation

## 6.5 AUTO OFF

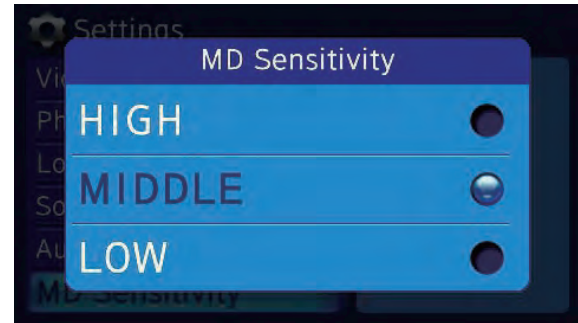


Set auto power off time (10 s, 30 s, 1 minute) when external power source is unplugged. Choose 'OFF' to close this function.

## KEY DEFINITION

Key	Operation	Definition
⏻	Long press for 2 seconds	Shutdown
	Short press	Turn off backlight
M	Short press	Back to menu
▲	Short press	Up
▼	Short press	Down
ok	Short press	Enter sub-option
	Long press	Invalid Operation

## 6.6 MD SENSITIVITY



## FUNCTION DESCRIPTION

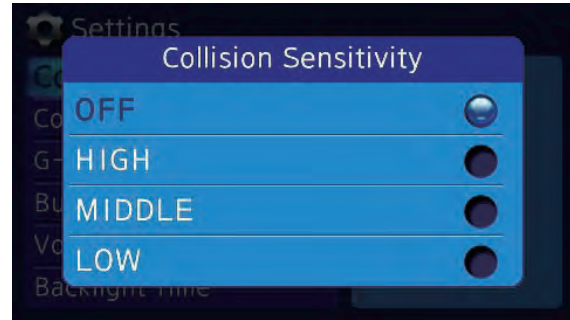
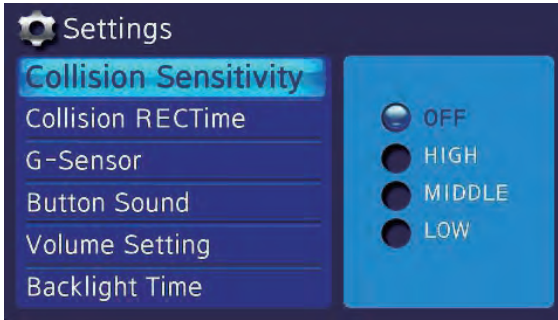
Motion detection sensitivity: HIGH, MIDDLE, LOW.

This DVR is built-in acceleration sensor, which can detect sudden change of acceleration (collision or emergency braking), and instantly trigger recording before accident happens.

## KEY DEFINITION

Key	Operation	Definition
⏻	Long press for 2 seconds	Shutdown
	Short press	Turn off backlight
M	Short press	Back to menu
▲	Short press	Up
▼	Short press	Down
ok	Short press	Enter sub-option
	Long press	Invalid Operation

## 6.7 COLLISION SENSITIVITY

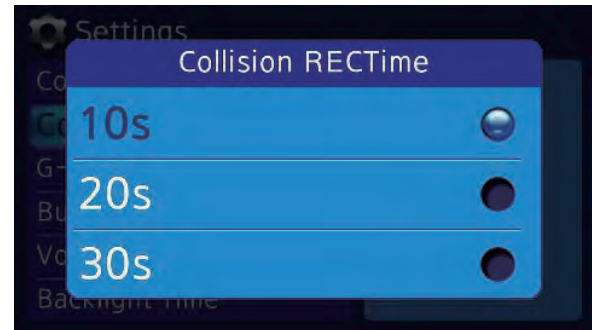


Collision sensitivity: OFF(Default setting), HIGH, MIDDLE, LOW.

### KEY DEFINITION

Key	Operation	Definition
⏻	Long press for 2 seconds	Shutdown
	Short press	Turn off backlight
M	Short press	Back to menu
▲	Short press	Up
▼	Short press	Down
ok	Short press	Enter sub-option
	Long press	Invalid Operation

## 6.8 COLLISION REC TIME



After parking the car, if there's a certain intensity of shaking or vibration, the DVR will turn on automatically and start recording. When the image is static again, it will enter countdown and shutdown when the countdown ends. If there's still shaking or vibration during the countdown, it will continue to record and enter countdown again when the image is static.

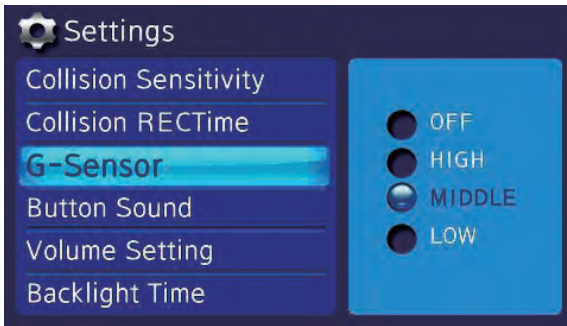
### COLLISION RECORDING TIME SETTING

Under collision recording, set auto power off time (10s, 20s, 30s) after the static image.

## KEY DEFINITION

Key	Operation	Definition
⏻	Long press for 2 seconds	Shutdown
	Short press	Turn off backlight
M	Short press	Back to menu
▲	Short press	Up
▼	Short press	Down
ok	Short press	Enter sub-option
	Long press	Invalid Operation

## 6.9 G-SENSOR

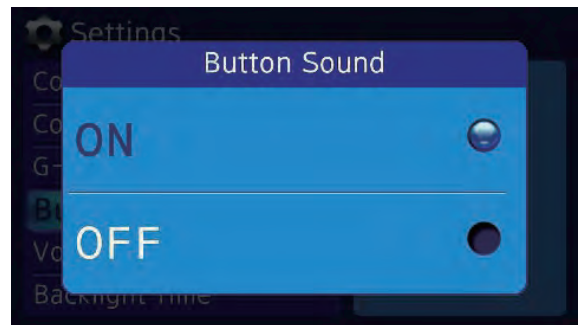
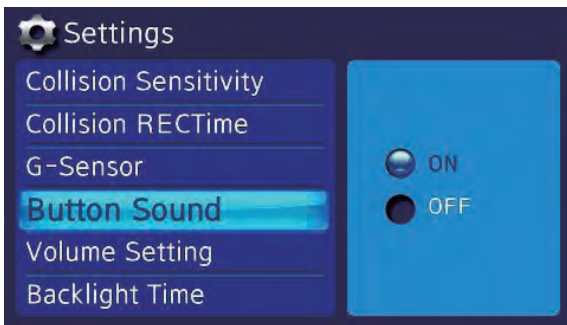


OFF/HIGH/MIDDLE/LOW sensitivity for different environment. MIDDLE is the Default setting.

## KEY DEFINITION

Same as 'Collision REC Time' setting.

## 6.10 BUTTON SOUND

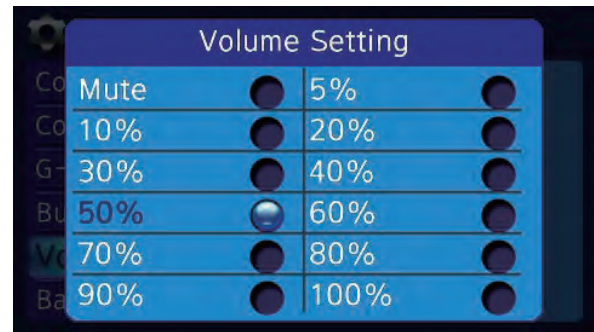
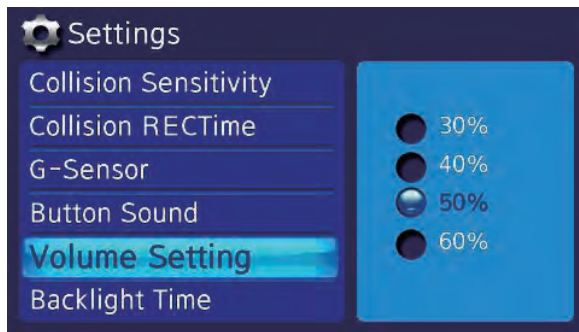


- **ON:** Turn on button sound.
- **OFF:** Turn off button sound.

## KEY DEFINITION

Key	Operation	Definition
⏻	Long press for 2 seconds	Shutdown
	Short press	Turn off backlight
M	Short press	Back to menu
▲	Short press	Up
▼	Short press	Down
ok	Short press	Enter sub-option
	Long press	Invalid Operation

### 6.11 VOLUME SETTING

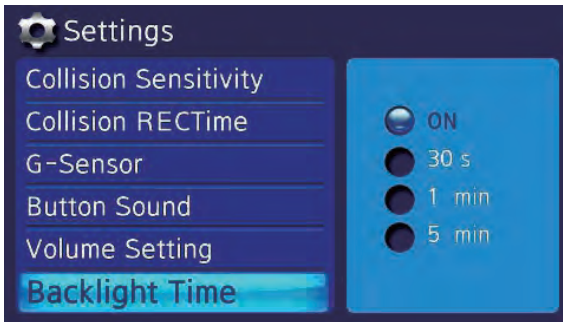


Volume setting on Mute or 5%-100%

## KEY DEFINITION

Same as 'Button Sound' setting.

### 6.12 BACKLIGHT TIME

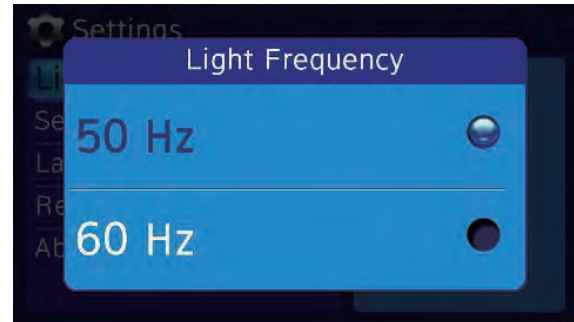


- **ON:** Turn on backlight all the time (Default setting).
- **30s:** Turn off backlight after no operation for 30s.
- **1 min:** Turn off backlight after no operation for 1 minute.
- **5 min:** Turn off backlight after no operation for 5 minutes

## KEY DEFINITION

Same as above.

### 6.13 LIGHT FREQUENCY



- 50Hz: Remove light frequency interference of 50Hz (Default setting).
- 60Hz: Remove light frequency interference of 60Hz.

**NOTE:** This function is to remove the interference of indoor fluorescent light 50Hz or 60Hz to system CMOS image.

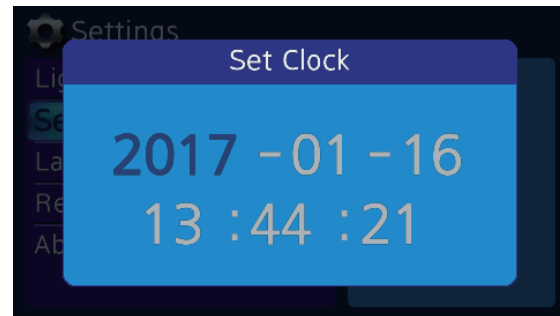
## KEY DEFINITION

Same as above.

### 6.14 SET CLOCK



Set Clock 1



Set Clock 2

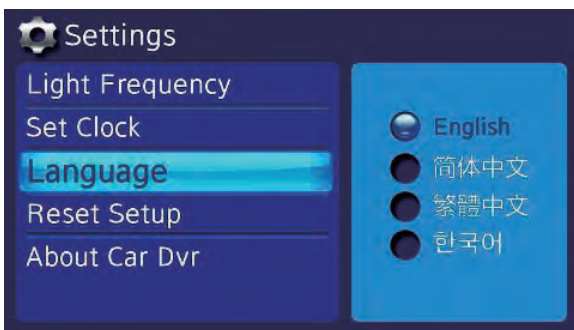
## KEY DEFINITION FOR 'SET CLOCK 1'

Key	Operation	Definition
⏻	Long press for 2 seconds	Shutdown
	Short press	Turn off backlight
M	Short press	Back to menu
▲	Short press	Up
▼	Short press	Down
ok	Short press	Enter sub-option
	Long press	Invalid Operation

## KEY DEFINITION FOR 'SET CLOCK 2'

Key	Operation	Definition
⏻	Long press for 2 seconds	Shutdown
	Short press	Turn off backlight
M	Short press	Switch among year, month, date, hour, minute and second
▲	Short press	+
▼	Short press	-
ok	Short press	Confirm setting
	Long press	Invalid Operation

## 6.15 LANGUAGE

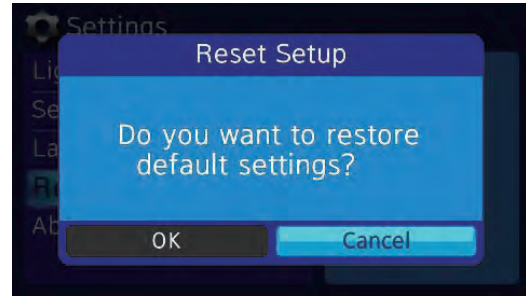
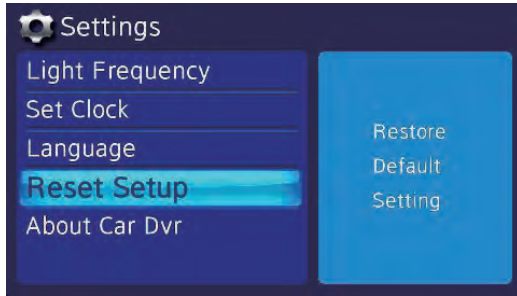


The system supports English, Simplified Chinese, Traditional Chinese, Korean, Russian, Deutsch, French and Japanese.

## KEY DEFINITION

Key	Operation	Definition
⏻	Long press for 2 seconds	Shutdown
	Short press	Turn off backlight
M	Short press	Back to menu
▲	Short press	Up
▼	Short press	Down
ok	Short press	Enter sub-option
	Long press	Invalid Operation

## 6.16 RESET SETUP

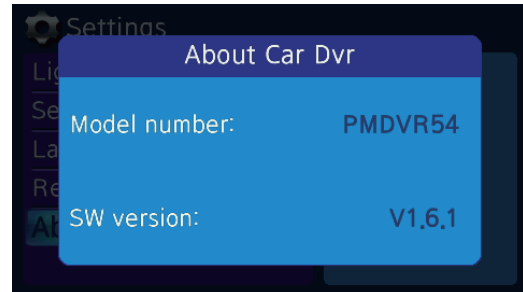
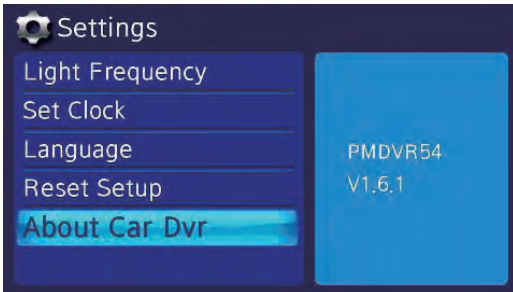


Initialize all settings to factory default settings

### KEY DEFINITION

Key	Operation	Definition
⏻	Long press for 2 seconds	Shutdown
	Short press	Turn off backlight
M	Short press	Back to menu
▲	Short press	Up
▼	Short press	Down
ok	Short press	Enter sub-option
	Long press	Invalid Operation

## 6.17 ABOUT CAR DVR



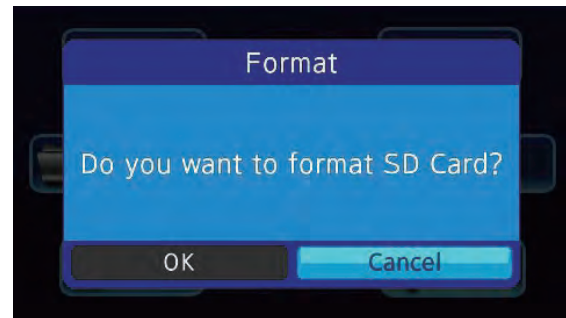
### KEY DEFINITION

Key	Operation	Definition
⏻	Long press for 2 seconds	Shutdown
	Short press	Turn off backlight
M	Short press	Back to menu
▲	Short press	Up
▼	Short press	Down
ok	Short press	Enter 'About Car DVR'
	Long press	Invalid Operation

## 7. FORMAT



Format 1



Format 2

### KEY DEFINITION FOR 'FORMAT 1'

Key	Operation	Definition
⏻	Long press for 2 seconds	Shutdown
	Short press	Back to DVR recording
M	Short press	Invalid operation
▲	Short press	Left
▼	Short press	Right
ok	Short press	Enter sub-option
	Long press	Invalid Operation

### KEY DEFINITION FOR 'FORMAT 2'

Key	Operation	Definition
⏻	Long press for 2 seconds	Shutdown
	Short press	Invalid operation
M	Short press	Cancel and back to menu
▲	Short press	Left
▼	Short press	Right
ok	Short press	Confirm to format
	Long press	Invalid Operation

### PRECAUTIONS

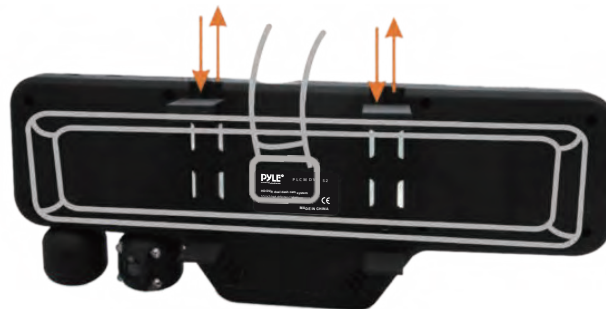
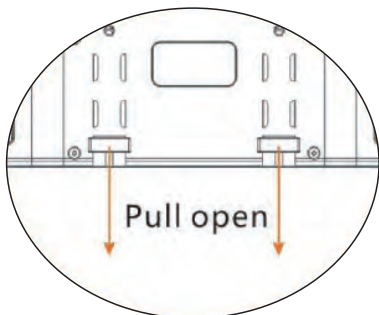
- Before formatting, pls make sure there is no important data in SD card.
- Format SD card once a week in order to free up space and refresh SD card fragmentation.
- After multiple read and write operation, system will cause huge disc fragmentation which may lead to the recorded video will not play smoothly. In this case just simply format the SD card then it will work properly.
- Back up all important data to your PC.

## INSTALLATION

### TELESCOPIC BRACKET

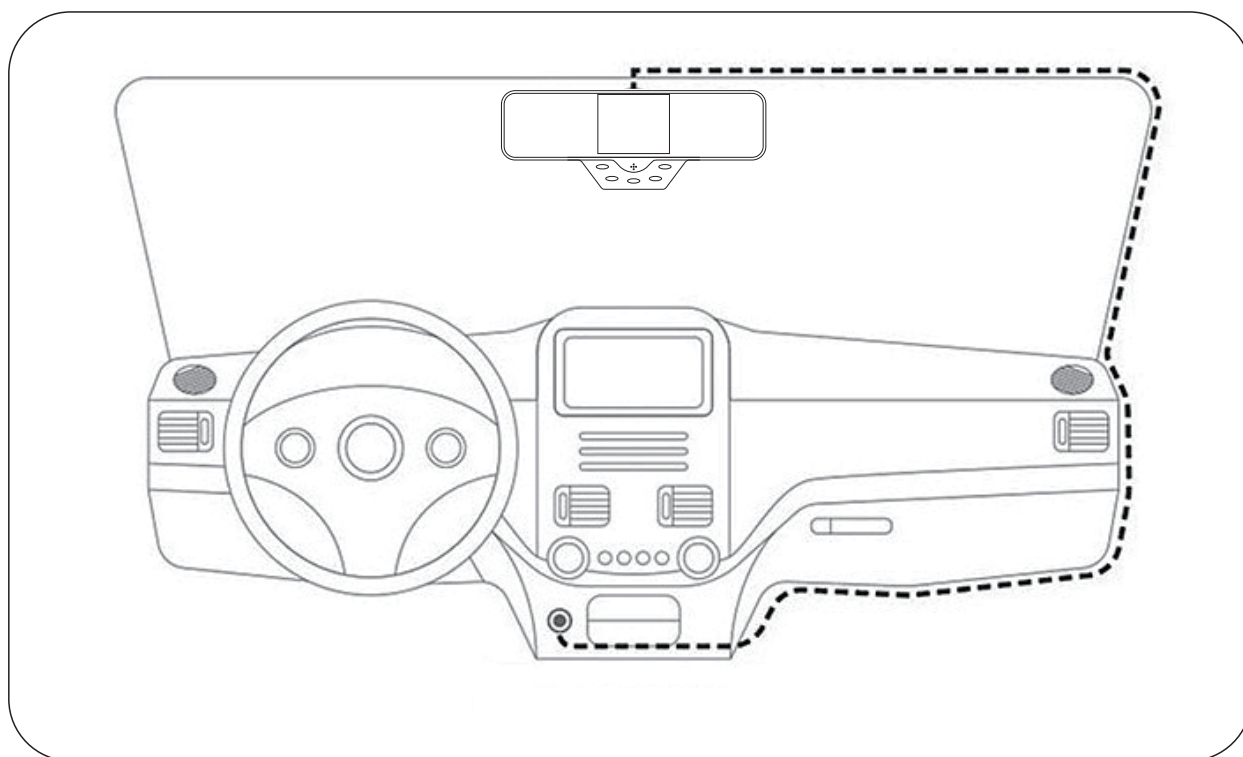
Telescopic bracket design, four fixed support behind the machine started, alignment rearview mirror

bracket can be fixed for each release, Models, simple installation and easy disassembly



### CONCEALED WIRING

Two dark lines on the left side of the vehicle, from the inner edge of the front windshield above edge access the rearview mirror, the surface showed no traces of external connection, ensure the car's appearance.



## BACKUP CAMERA SYSTEMS

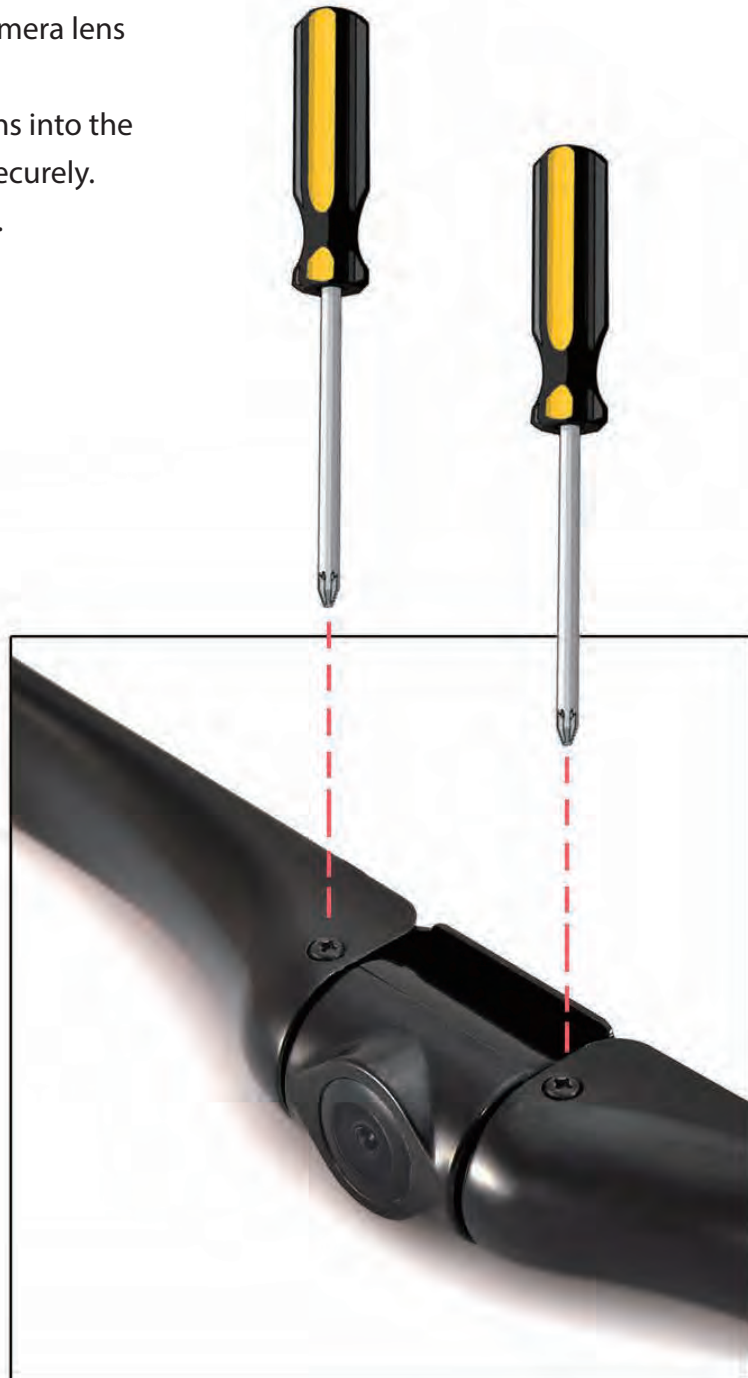
### Angle Adjustable Camera Lens

Located on the camera housing are 2 screws which lock the camera lens angle in position.

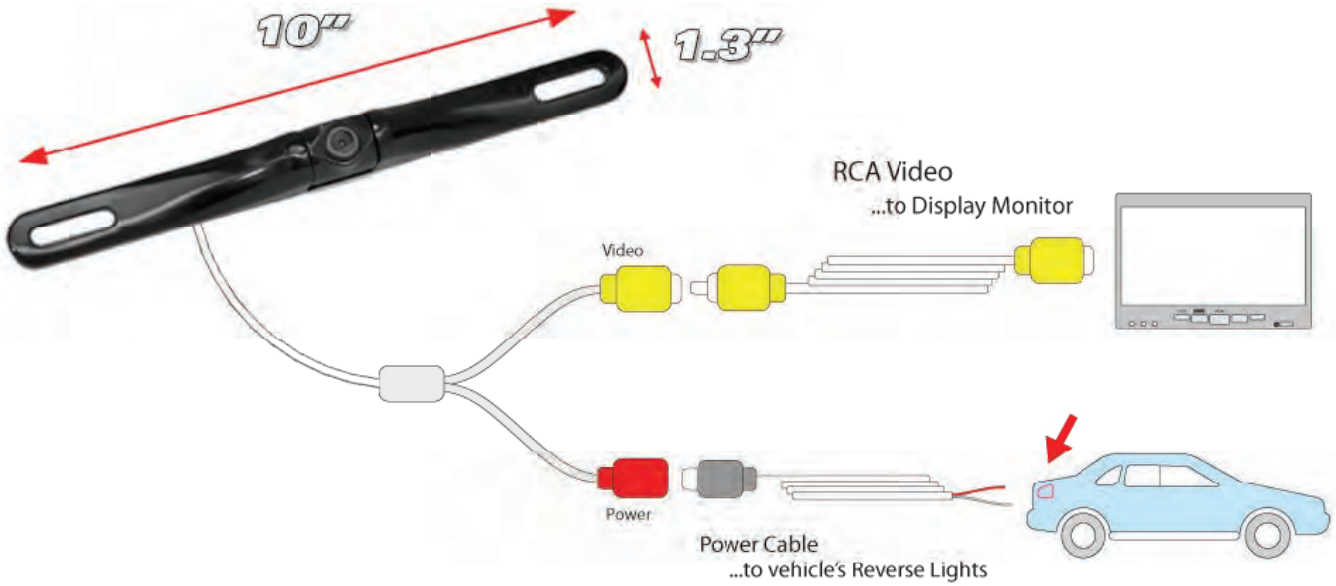
The screws may be loosened to allow camera lens angle adjustment

Loosen the screws, adjust the camera lens into the desired angle. then tighten the screws securely.

Be sure as to not overtighten the screws.



Model: **PLCMDVR54**









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*Need service or repair?*  
*Want to leave a comment?*

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**PYLE**

## SYSTEM MESSAGE

 <p><b>No SD Card!</b> Please insert SD Card.</p>	<p><b>No SD Card</b> In video recording or camera mode, if the unit does not detect SD card, this picture and voice prompt will appear on screen. Insert SD card, the prompt will disappear and it can start recording or shooting photos.</p>
 <p><b>SD Card full!</b> Please clean SD Card.</p>	<p><b>SD Card has no storage space</b> In video recording or camera mode, if SD card has no storage space, this picture and voice prompt will appear on screen and the recording will stop. Clean up SD card. It is suggested to use a special SD card for recording.</p>
 <p><b>Please wait...</b> Preparing SD Card.</p>	<p><b>Preparing SD Card</b> Insert SD card, this picture prompt will appear on screen. This prompt will disappear automatically after SD card is ready. The time for preparing SD card is different due to different SD card quality. Never pull out SD card when preparing.</p>
 <p><b>Countdown</b> 00:10</p>	<p><b>Auto power off countdown Time</b> After setting auto power off time, if there is no external power supply, the system will enter countdown and shutdown when the countdown ends. If external power supply is restored during countdown, the auto power off countdown will be canceled.</p>
 <p><b>SD Card error!</b> Please check SD Card.</p>	<p><b>SD Card error</b> When SD card error message appears, try to remove and insert SD card correctly again. If error message still appears after a few times, pls check on PC whether the SD card is good or bad</p>
 <p><b>Collision RECTime</b> Recording...</p>	<p><b>Collision recording</b> When DVR turn on and start recording automatically under collision, this picture prompt will appear on screen.</p>
 <p><b>Collision RECTime</b> 00:10</p>	<p>Under collision recording, when image is static for 10s it will enter countdown.</p>