



2.4" HD In Car Digital Video Recorder *with* Motion Detection



USER MANUAL

KPT-350

parkmate HD

	Caution.....	4
	Battery warning	4
	Notes on Installation	4-5
1	Introduction	6
	1.1 Features	6
	1.2 Package Contents.....	6
	1.3 Product Overview	6
2	Getting Started	7
	2.1 Inserting the Memory Card	7
	2.2 Installing Car DVR.....	8
	2.3 Removing the Car DVR.....	8
	2.4 Connecting to Power.....	9
	2.5 Powering the Car DVR On / Off	9
	2.5.1 Auto Power On / Off	9
	2.5.2 Manual Power On / Off and Reset	9
	2.6 Playing back Video on PC	10
	2.7 Initial Settings	10
	2.7.1 Formatting Inserted Micro SD Card.....	10
	2.8 Set the Date / Time	11
	2.9 Using the DVR.....	11
	2.9.1 Recording Video (Automatic).....	11
	2.9.2 Recording Video (Manual).....	12
	2.9.3 Recording Screen.....	12
	2.9.4 Video Mode.....	12
3	Video Output Menu.....	13
	3.1 Resolution	13
	3.2 Motion Detection	13
	3.3 Recording Audio.....	14
	3.4 Time Stamp.....	14

4	Photo Mode	15
	4.1 Resolution	16
	4.2 Burst	16
	4.3 Quality	17
	4.4 Sharpness	17
	4.5 White Balance	18
	4.6 ISO	18
	4.7 Preview	19
	4.8 Time Stamp	19
5	Setup Menu	20
	5.1 Time Stamp	20
	5.2 Beeps	21
	5.3 Language	21
	5.4 Light Frequency	22
	5.5 Auto Off	22
	5.6 Format	23
	5.7 System Reset	23
6	Playback Screen	24
7	Playback Menu	25
8	Menu Tables	26-27

Caution

- Ensure you are using your Car DVR within your countries' road laws. Please make sure you are familiar with your local road legislation before use.
- Avoid leaving your Car DVR in direct sunlight for extended periods of time in an unventilated space.
- Please set time and date before you use this device to record.
- The notifications given by the Car DVR are suggestions only, please drive to the actual conditions.
- The system is to be used only for non-commercial use, within the limits permitted by the relevant laws
- Avoid using the Car DVR in the vicinity of any devices that emit radio interference (eg. Microwave Ovens).
- It is considered normal operation for the Car DVR to get warm during use.

Battery Warning

- Always charge the Car DVR using the provided charger. Improper charging of the Car DVR may result in failure of the internal battery.
- Never dismantle the Car DVR or expose the internal battery.
- Do not dispose of the Car DVR in fire.
- Dispose of the Car DVR observing local regulations being mindful of the internal battery.
- Do not attempt to replace or expose the internal battery.

Notes on Installation

- It is advised that the Car DVR is installed near the rear view mirror, at the top centre of the windshield for optimal operation.
- Make sure that the lens is within the range of the windscreen wiper to ensure a clear view when it rains.
- Do not touch the lens with your fingers. Finger prints left on the lens will result in unclear videos or photos. If photos or videos are blurred, please clean the lens gently with a microfibre cloth.
- Only use the included charging cable to power the Car DVR.
- Please abide by the relevant laws in your local area; please do not use this product for illegal purposes.

- Please insert your Micro SD memory card before recording video, taking care to insert it the right way to avoid damage.
- To avoid losing important footage, it is suggested that you back-up footage on a weekly basis to your computer.
- Please ensure the windscreen mounting bracket is installed securely to avoid damaging the Car DVR.
- Battery charge will diminish over time. If the Car DVR is not used for a long period of time, please ensure the Car DVR is charged fully before use.
- The working temperature of the Car DVR is 0° to 40° degrees Celsius.
- Please do not leave the Car DVR in an excessively humid environment as it is not water resistant.
- Please avoid shooting footage directly into the sun so as to avoid damage to the Car DVR.
- Please avoid using the Car DVR in an excessively dusty environment so as to not obstruct the camera lens.
- This Car DVR is a precision electronic product; please do not expose it to strong shock, vibration, magnetic fields or heavy current fields.
- Please do not attempt to disassemble or repair this product, doing so will void the warranty.
- Please do not operate and set this product while driving. If interaction with the product is required, please do so before driving or stop driving.
- Please charge the battery fully before first use.
- To clean, please use a soft and dry cloth. Do not use solvents to clean the product.

1. INTRODUCTION

Thank you for purchasing a Kapture Car DVR. We are certain that our product will give you trouble free operation while providing you with a safety feature that enhances your driving experience. Our products, like most after-market safety enhanced devices, are designed to assist and aid the driver, not to replace the manual function of the person operating the vehicle. Please read through these instructions before attempting to install this product.

For the latest manual and product updates, please visit our website at www.kapturecam.com.au or www.kapturecam.co.nz

1.1 FEATURES

- **HD 720P** allows you to review footage in detail up to 720P resolution video
- **2.4" LCD SCREEN** makes for easy menu, view-finding and intuitive control when reviewing incidents and memories
- **LOOP RECORDING** means you'll never run out of recording space, just capture your memories when you choose to
- **MOTION DETECTION** will only record when motion is sensed and switches off when the camera is dormant
- **120° WIDE ANGLE LENS** the wide angle lens helps you Kapture all the details

1.2 PACKAGE CONTENTS

KPT-350



Windscreen Mount



Micro USB Cable



12v Adapter

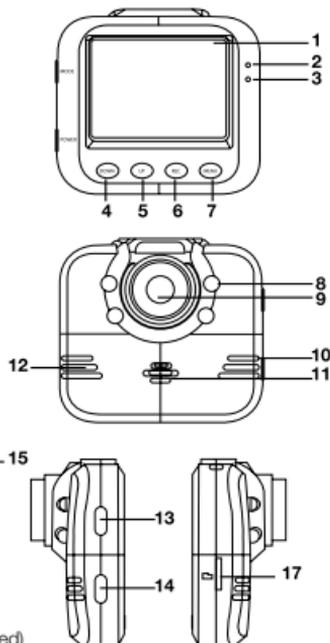
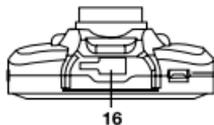


Manual



1.3 PRODUCT OVERVIEW

1. 2.4" LCD SCREEN
2. Power LED Indicator
3. Charging LED Indicator
4.  (Down) Button
5.  (Up) Button
6.  (REC/OK) Button
7.  (Menu) Button
8. IR Lights
9. Wide Angle Lens
10. Reset Button
11. Speaker
12. Microphone
13. Mode Button
14. Power On/Off Button
15. USB Connector
16. Windscreen Mounting Bracket Slot
17. Micro SD Card Slot (Micro SD card not included)



2.0 GETTING STARTED

2.1 INSERTING MEMORY CARD

With the Car DVR turned off and the screen facing towards you, insert the memory card ensuring it is in the correct orientation as noted by the icon next to the micro SD card slot.



TO REMOVE THE MEMORY CARD

Ensure that the Car DVR is powered off, push the memory card until a click is heard and release the card to eject.

Note:

1. Do not remove or insert the memory card while the Car DVR is turned on as this may damage the memory card or corrupt the memory cards stored data.
2. Please use a Class 6 or higher rated micro SD card with a maximum capacity of 32GB.
3. Please format the Micro SD card before the initial use.
4. When removing the memory card, be careful as the card may eject quickly.

2.2 INSTALLING THE CAR DVR

1. Slot the windscreen mount bracket into the socket on the top of the Car DVR and with the screen facing you, slide the bracket from right to left until the bracket locks in place.
2. With the suction mount tab in the down position attach the suction cup to the windscreen.
3. Press the mount base firmly against the windscreen and switch the suction mount tab to the up position.



2.3 REMOVING THE CAR DVR

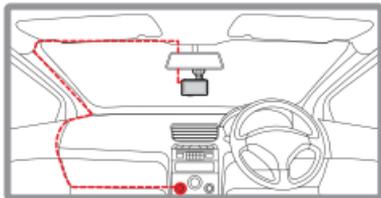
1. With the screen facing you, slide the mounting bracket from left to right until the Car DVR is removed from the bracket.
2. Switch the suction mounting bracket tab to the down position.
3. Pull the plastic tab at the top of the suction cup to loosen the mount from the windscreen and gently remove the mounting bracket.



2.4 CONNECTING TO POWER

Only use the included charger to power and charge the Car DVR.

1. Once the Car DVR is securely installed on your vehicle's windscreen, plug the 12V charger into your vehicle's cigarette lighter adapter.



2. Run the cable along your vehicle's console and windscreen and plug the power plug into the Car DVR's port marked by a USB logo.

Note:

1. It is recommended that the Car DVR is installed behind your vehicle's rear view mirror.
2. Make sure that the camera view is not obstructed by any window tint or any other objects.
3. When removing the suction mount be sure to release the suction mount by switching the suction latch to the down position.

2.5 POWERING THE CAR DVR ON/OFF

2.5.1 AUTO POWER ON/OFF

When the Car DVR is correctly installed and connected to your vehicle's 12v power supply, the Car DVR will automatically power up and start recording when the vehicle accessories are activated. When your vehicle is switched off the Car DVR will automatically power off.

2.5.2 MANUAL POWER ON/OFF AND RESET

To Start-Up from a powered off state with no charger connected, press & hold the **POWER** button for 3 seconds. Your DVR will enter into video mode and commence recording video; the flashing blue light indicates operation.

To power off the Car DVR from a powered state with no charger connected, press and hold the **POWER** button for 3 seconds. When the charger is connected, your Car DVR will automatically enter shut down mode after 5 seconds when your car's ignition is turned off.

If the Car DVR does not function normally, try restarting the Car DVR. To restart the car DVR, with a flattened paper clip press the small button on the front of the Car DVR marked "Reset".

2.6 PLAYING BACK VIDEO ON A PC

To playback video files on your PC it is recommended to connect the **Micro SD** card (not included) directly to your PC using either a USB Micro SD card reader (not included) or if your PC has a SD card slot, a Micro SD/SD Card converter (not included). Once the Micro SD card is connected it should appear as a removable storage device. It is recommended that you transfer video files that you want to playback to a file on your computer before attempting to playback. This will reduce any delay in playback.

2.7 INITIAL SETTINGS

Before using the Car DVR we recommend **Formatting the Inserted Micro SD Card** and setting the correct **Time and Date**.

2.7.1 FORMATTING THE INSERTED MICRO SD CARD

Formatting the Micro SD card will delete all information on the inserted Micro SD Card and prepare the card for use with the Car DVR.

1. Press the  Button to stop the Car DVR from recording.
2. Press the  Button to enter the **Video Output Menu**.
3. Press the  Button again to enter the **Setup Menu**.
4. Use the  and  Buttons to navigate the **Setup Menu** and highlight the **Format** setting and press  to select.
5. Use the  and  Buttons to navigate to **CANCEL** or **EXECUTE** and press  to confirm your selection.

Note:

1. Menus cannot be accessed while the camera is recording. Please stop the recording before attempting to access the menu.
2. **Formatting your Micro SD Card** will delete all files from the card. Once these files have been deleted you will not be able to recover them.

2.8 SET DATE/TIME

Setting the **Time and Date** allows you to stamp your footage with the time as a reference.

1. Press the **REC** Button to stop the Car DVR from recording.
2. Press the **MENU** Button to enter the **Video Output Menu**.
3. Press the **MENU** Button again to enter the **Setup Menu**.
4. Use the **UP** and **DOWN** Buttons to navigate the **Setup Menu** and highlight the **Date Input** setting and press **REC** to confirm.
5. Use the **UP** and **DOWN** Buttons to navigate between **Off** and **Set** and highlight the **Set** setting and press **REC** to enter the menu.
6. Use the **UP** and **DOWN** Buttons to navigate between date formats and press **MENU** button to progress to the next field.
7. Use the **UP** and **DOWN** buttons to edit the selected digit and the **MENU** button to confirm and progress to the next digit.
8. To save and exit the time and date, press the **REC** button.

Note:

1. Menus cannot be accessed while the camera is recording. Please stop the recording before attempting to access the menu.
2. Once the time and date is set it can be stamped onto your footage using the **Time Stamp** setting. Please refer to the **Time Stamp** section of this manual for more details.

2.9 USING THE CAR DVR

2.9.1 RECORDING VIDEO (AUTOMATIC)

When the Car DVR is connected to your vehicle's 12V power supply, the Car DVR will automatically power up and begin recording when you start your vehicle. During the start up the buttons will be unresponsive and the camera will take a moment to begin recording. The Car DVR will automatically stop recording and shut-down when your vehicle is powered off.

2.9.2 RECORDING VIDEO (MANUAL)

While in standby mode, press the **REC** button, the Car DVR will enter into video recording mode and begin capturing video, a flashing blue light will indicate operational status.

To stop the video and save the file, press the **REC** button, a static blue light will indicate Standby mode.

2.9.3 RECORDING SCREEN



1. Battery level indicator
2. Mode (Video or Photo)
3. Time and Date
4. Micro SD card inserted notification icon
5. Resolution (VGA, HD)
6. Video time remaining – based on remaining SD card capacity (in standby mode) Video time elapsed (in recording mode)

2.9.4 VIDEO MODE

When the Car DVR is powered up the video screen will start by default. In this screen, recording will automatically start and can be stopped by pressing the **REC** Button. To access the Video Menu, ensure that the Car DVR is not recording then press the **MENU** button.

3. VIDEO OUTPUT MENU

3.1 RESOLUTION

Resolution sets the video quality. Higher resolution video will capture more detail and will also produce larger files. To change the recording resolution, please follow the instructions below.

1. Press the **REC** Button to stop the Car DVR from recording.
2. Press the **MENU** Button to enter the **Video Output Menu**.
3. Use the **UP** and **DOWN** Buttons to navigate the **Video Output Menu** and highlight the **Resolution** setting and press **REC** button to select.
4. Use the **UP** and **DOWN** Buttons to highlight your required resolution, then press the **REC** button to confirm your selection.

Note:

1. Menu cannot be accessed while the camera is recording. Please stop the recording before attempting to access the menu.
2. Higher resolution clips will create larger files which will fill the Micro SD Card faster.

3.2 MOTION DETECTION

Motion Detection is used to pause recording when no motion is detected in front of the camera, and to start recording when motion is detected again. To activate the **Motion Detection** setting follow the instructions below.

1. Press the **REC** Button to stop the Car DVR from recording.
2. Press the **MENU** Button to enter the **Video Output Menu**.
3. Use the **UP** and **DOWN** Buttons to navigate the **Video Output Menu** and highlight the **Motion Detect** setting and press **REC** button to select.
4. Use the **UP** and **DOWN** Buttons to highlight either **CANCEL** or **SET**, then press the **REC** button to confirm your selection.

Note:

1. Menu cannot be accessed while the camera is recording. Please stop the recording before attempting to access the menu.

3.3 RECORDING AUDIO

The **Recording Audio** setting allows you to mute the microphone during recording, or set it to record. To set your recording preferences, please follow the instructions below.

1. Press the **REC** Button to stop the Car DVR from recording.
2. Press the **MENU** Button to enter the **Video Output Menu**.
3. Use the **UP** and **DOWN** Buttons to navigate the **Video Output Menu** and highlight the **Audio** setting and press the **REC** button to select.
4. Use the **UP** and **DOWN** Buttons to highlight either **OFF** or **ON**, then press the **REC** button to confirm your selection.

Note:

1. Menus cannot be accessed while the camera is recording. Please stop the recording before attempting to access the menu.

3.4 TIME STAMP

Time Stamp will stamp the current date and time onto the footage for future reference. To set the time stamp setting please follow the instructions below.

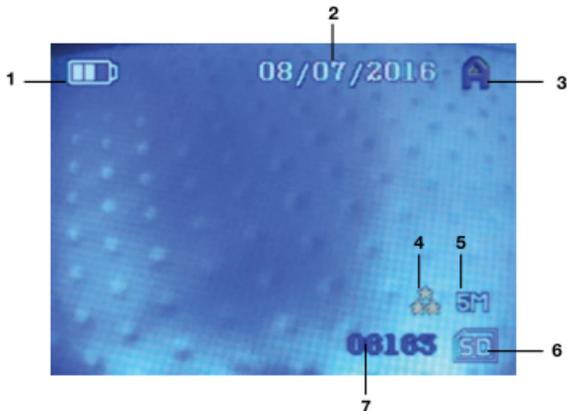
1. Press the **REC** Button to stop the Car DVR from recording.
2. Press the **MENU** Button to enter the **Video Output Menu**.
3. Use the **UP** and **DOWN** Buttons to navigate the **Video Output Menu** and highlight the **Time Stamp** setting and press the **REC** button to select.
4. Use the **UP** and **DOWN** Buttons to highlight either **Date & Time**, **Date Only** or **Off** then press the **REC** button to confirm your selection.

Note:

1. Menus cannot be accessed while the camera is recording. Please stop the recording before attempting to access the menu.
2. For date stamp to be correct the time and date must be set first. To set the time and date please refer to the **Date/Time** section of this manual.

4. PHOTO MODE

This screen is used to capture still images using your Car DVR. To access the Photo screen ensure that the camera is not recording and press the **MODE** button. Photo Mode also has a menu which is used to edit the photo settings. This menu can be accessed by pressing the **MENU** while in **Photo Mode**.



1. Battery level indicator
2. Date
3. Scene Mode (Auto, Sport, Night, Portrait, Landscape, Back-light)
4. Image Quality (Fine, Standard, Economy)
5. Image Resolution (5M, 3M, 2M, 1.3M, 640X480)
6. Micro SD card inserted notification icon
7. Images remaining

4.1 RESOLUTION

Resolution sets the still image quality. Higher resolution images will capture more detail and will also produce larger files. To change the photo resolution, please follow the instructions below.

1. Press the **REC** Button to stop the Car DVR from recording.
2. Press the **MODE** Button to enter the Photo screen.
3. Press the **MENU** Button to enter the **Photo menu**.
4. Use the **UP** and **DOWN** Buttons to navigate the Photo Menu and highlight **Size** setting and press **REC** to select.
5. Use the **UP** and **DOWN** Buttons to highlight your required resolution, then press the **REC** button to confirm your selection.

Note:

1. Menu cannot be accessed while the camera is recording. Please stop the recording before attempting to access the menu.
2. This setting can only be accessed through the **Photo Menu**, please make sure that you are in the Photo screen when you access the menu.

4.2 BURST

When **Burst Mode** is activated, when a photo is triggered a sequence of 3 photos is taken. To activate or deactivate Burst Mode, follow the instructions below

1. Press the **REC** Button to stop the Car DVR from recording.
2. Press the **MODE** Button to enter the Photo screen.
3. Press the **MENU** Button to enter the **Photo menu**.
4. Use the **UP** and **DOWN** Buttons to navigate the Photo Menu and highlight **Burst** setting and press **REC** to select.
5. Use the **UP** and **DOWN** Buttons to highlight **OFF** or **ON**, then press the **REC** button to confirm your selection.

Note:

1. Menu cannot be accessed while the camera is recording. Please stop the recording before attempting to access the menu.
2. This setting can only be accessed through the **Photo Menu**, please make sure that you are in the Photo screen when you access the menu.

4.3 QUALITY

Quality sets the image detail. Higher quality images will capture more detail and will also produce larger files. To change the recording resolution, please follow the instructions below.

1. Press the **REC** Button to stop the Car DVR from recording.
2. Press the **MODE** Button to enter the Photo screen.
3. Press the **MENU** Button to enter the **Photo menu**.
4. Use the **UP** and **DOWN** Buttons to navigate the **Photo Menu** and highlight the **Quality** setting and press **REC** to select.
5. Use the **UP** and **DOWN** Buttons to highlight your required quality, then press the **REC** button to confirm your selection.

Note:

1. Menus cannot be accessed while the camera is recording. Please stop the recording before attempting to access the menu.
2. This setting can only be accessed through the **Photo Menu**, please make sure that you are in the Photo screen when you access the menu.

4.4 SHARPNESS

Sharpness sets the boldness of the image. Images with a stronger sharpness will create bolder images with stronger outlines. To change the photo Sharpness, please follow the instructions below.

1. Press the **REC** Button to stop the Car DVR from recording.
2. Press the **MODE** Button to enter the Photo screen.
3. Press the **MENU** Button to enter the **Photo menu**.
4. Use the **UP** and **DOWN** Buttons to navigate the **Photo Menu** and highlight the **Sharpness** setting and press **REC** to select.
5. Use the **UP** and **DOWN** Buttons to highlight your required sharpness, then press the **REC** button to confirm your selection.

Note:

1. Menus cannot be accessed while the camera is recording. Please stop the recording before attempting to access the menu.
2. This setting can only be accessed through the **Photo Menu**, please make sure that you are in the Photo screen when you access the menu.

4.5 WHITE BALANCE

The **White Balance** setting is used to manually adjust the settings used to counteract different light conditions. This setting is set to Auto by default. To change the White Balance setting follow the instructions below.

1. Press the **REC** Button to stop the Car DVR from recording.
2. Press the **MODE** Button to enter the Photo screen.
3. Press the **MENU** Button to enter the **Photo menu**.
4. Use the **UP** and **DOWN** Buttons to navigate the **Photo Menu** and highlight the **White Balance** setting and press **REC** to select.
5. Use the **UP** and **DOWN** Buttons to highlight your required setting, then press the **REC** button to confirm your selection.

Note:

1. Menus cannot be accessed while the camera is recording. Please stop the recording before attempting to access the menu.
2. This setting can only be accessed through the **Photo Menu**, please make sure that you are in the Photo screen when you access the menu.

4.6 ISO

ISO is used to manage how much light is let into the image sensor. Setting a higher ISO will let in more light and blurred movement and lower ISO will capture less movement and less light. To change the ISO setting follow the instructions below.

1. Press the **REC** Button to stop the Car DVR from recording.
2. Press the **MODE** Button to enter the Photo screen.
3. Press the **MENU** Button to enter the **Photo menu**.
4. Use the **UP** and **DOWN** Buttons to navigate the **Photo Menu** and highlight the **ISO** setting and press **REC** to select.
5. Use the **UP** and **DOWN** Buttons to highlight your required ISO setting, then press the **REC** button to confirm your selection.

Note:

1. Menus cannot be accessed while the camera is recording. Please stop the recording before attempting to access the menu.
2. This setting can only be accessed through the **Photo Menu**, please make sure that you are in the Photo screen when you access the menu.

4.7 PREVIEW

Preview displays the photo on screen for the 2 seconds after the photo has been taken. To change the Preview setting follow the instructions below.

1. Press the **REC** Button to stop the Car DVR from recording.
2. Press the **MODE** Button to enter the Photo screen.
3. Press the **MENU** Button to enter the **Photo menu**.
4. Use the **UP** and **DOWN** Buttons to navigate the **Photo Menu** and highlight the **Preview** setting and press **REC** to select.
5. Use the **UP** and **DOWN** Buttons to highlight either **ON** or **OFF**, then press the **REC** button to confirm your selection.

Note:

1. Menus cannot be accessed while the camera is recording. Please stop the recording before attempting to access the menu.
2. This setting can only be accessed through the **Photo Menu**, please make sure that you are in the Photo screen when you access the menu.

4.8 TIME STAMP

Time stamp is used to stamp your photos with the time and date that they are taken. To select your preferred time and date setting follow the instructions below.

1. Press the **REC** Button to stop the Car DVR from recording.
2. Press the **MODE** Button to enter the Photo screen.
3. Press the **MENU** Button to enter the **Photo menu**.
4. Use the **UP** and **DOWN** Buttons to navigate the **Photo Menu** and highlight the **Time Stamp** setting and press **REC** to select.
5. Use the **UP** and **DOWN** Buttons to highlight either **Date & Time**, **Date Only** or **OFF**, then press the **REC** button to confirm your selection.

Note:

1. Menu cannot be accessed while the camera is recording. Please stop the recording before attempting to access the menu.
2. This setting can only be accessed through the **Photo Menu**, please make sure that you are in the Photo screen when you access the menu.
3. The **Time Stamp** setting is not used to set the cameras internal clock. To set the date and time please follow the instructions in the **Date/Time** (4.1) section of this manual.

5. SETUP MENU

This menu is used to edit the cameras operational settings. This menu can be accessed through either the Video or Photo screen by pressing the **MENU** button whilst in either of these screens. While in this menu the **UP** and **DOWN** buttons are used to navigate and the **REC** button to select the highlighted setting.

5.1 TIME STAMP

The **Time Stamp** setting is used to set the cameras internal clock. To set the internal clock follow the instructions below.

1. Press the **REC** Button to stop the Car DVR from recording.
2. Press the **MENU** Button to enter the **Video Output Menu**.
3. Press the **MENU** Button to enter the **Setup Menu**.
4. Use the **UP** and **DOWN** Buttons to navigate the **Setup Menu** and highlight the **Date Input** setting and press **REC** to select.
5. Use the **UP** and **DOWN** Buttons to navigate between **OFF** and **Set** and highlight the Set setting and press **REC** to enter the menu.
6. Use the **UP** and **DOWN** Buttons to navigate between date formats and press **MENU** to progress to the next field.
7. Use the **UP** and **DOWN** buttons to edit the selected digit and the **MENU** button to confirm and progress to the next digit.
8. To save and exit the time and date, press the **REC** button

Note:

1. Menu cannot be accessed while the camera is recording. Please stop the recording before attempting to access the menu.
2. Once the time and date is set it can be stamped onto your footage using the Time Stamp setting. Please see section **Time Stamp** (3.4) for more details.

5.2 BEEPS

The **Beeps** setting is used to turn On or Off the beep that indicates a key press. To adjust the key beep settings, follow the instructions below.

1. Press the **REC** Button to stop the Car DVR from recording.
2. Press the **MENU** Button to enter the **Video Output Menu**.
3. Press the **MENU** Button to enter the **Setup Menu**.
4. Use the **UP** and **DOWN** Buttons to navigate the **Setup Menu** and highlight the **Beeps** setting and press **REC** to select.
5. Use the **UP** and **DOWN** Buttons to highlight **ON** or **OFF**, then press the **REC** button to confirm your selection.

Note:

1. Menus cannot be accessed while the camera is recording. Please stop the recording before attempting to access the menu.
2. This setting can only be accessed through the **Setup Menu** which can be accessed via the **Video** and **Photo Menus**.

5.3 LANGUAGE

The **Language** setting is used to select your preferred Language in the menus. To set the systems language follow the instructions below.

1. Press the **REC** Button to stop the Car DVR from recording.
2. Press the **MENU** Button to enter the **Video Output Menu**.
3. Press the **MENU** Button to enter the **Setup Menu**.
4. Use the **UP** and **DOWN** Buttons to navigate the **Setup Menu** and highlight the **Language** setting and press **REC** to select.
5. Use the **UP** and **DOWN** Buttons to highlight your preferred **Language**, then press the **REC** button to confirm your selection.

Note:

1. Menus cannot be accessed while the camera is recording. Please stop the recording before attempting to access the menu.
2. This setting can only be accessed through the **Setup Menu** which can be accessed via the **Video** and **Photo Menus**.

5.4 LIGHT FREQUENCY

The **Light Frequency** setting is used to set the cameras frequency. To adjust the frequency, follow the instructions below.

1. Press the **REC** Button to stop the Car DVR from recording.
2. Press the **MENU** Button to enter the **Video Output Menu**.
3. Press the **MENU** Button to enter the **Setup Menu**.
4. Use the **UP** and **DOWN** Buttons to navigate the **Setup Menu** and highlight the **Light Frequency** setting and press **REC** to select.
5. Use the **UP** and **DOWN** Buttons to highlight your preferred **Light Frequency**, then press the **REC** button to confirm your selection.

Note:

1. Menus cannot be accessed while the camera is recording. Please stop the recording before attempting to access the menu.
2. This setting can only be accessed through the **Setup Menu** which can be accessed via the **Video** and **Photo Menus**.

5.5 AUTO OFF

The **Auto Off** setting is used to set the duration of inactivity of the camera before the screen goes into power off mode. To set the Auto Off time period follow the instructions below.

1. Press the **REC** Button to stop the Car DVR from recording.
2. Press the **MENU** Button to enter the **Video Output Menu**.
3. Press the **MENU** Button to enter the **Setup Menu**.
4. Use the **UP** and **DOWN** Buttons to navigate the **Setup Menu** and highlight the **Auto Off** setting and press **REC** to select.
5. Use the **UP** and **DOWN** Buttons to highlight your preferred duration of inactivity, then press the **REC** button to confirm your selection.

Note:

1. Menus cannot be accessed while the camera is recording. Please stop the recording before attempting to access the menu.
2. This setting can only be accessed through the **Setup Menu** which can be accessed via the **Video** and **Photo Menus**.

5.6 FORMAT

The **Format** setting is used to format the inserted Micro SD card. This optimises the Micro SD card for the Car DVR and deletes all data from the inserted Micro SD card. It is recommended that you format your Micro SD card before attempting to use the DVR. To format an inserted Micro SD card, please follow the instructions below.

1. Press the **REC** Button to stop the Car DVR from recording.
2. Press the **MENU** Button to enter the **Video Output Menu**.
3. Press the **MENU** Button to enter the **Setup Menu**.
4. Use the **UP** and **DOWN** Buttons to navigate the **Setup Menu** and highlight the **Format** Setting and press **REC** to select.
5. Use the **UP** and **DOWN** Buttons to navigate between **EXECUTE** and **CANCEL** and press **REC** to confirm your selection.

Note:

1. Menus cannot be accessed while the camera is recording. Please stop the recording before attempting to access the menu.
2. Formatting your Micro SD Card will delete all files from the card. Once these files have been deleted you will not be able to recover them.

5.7 SYSTEM RESET

System Reset is used to revert the Car DVR's settings to their default settings. To reset the camera to restore the default settings, please follow the instructions below.

1. Press the **REC** Button to stop the Car DVR from recording.
2. Press the **MENU** Button to enter the **Video Output Menu**.
3. Press the **MENU** Button to enter the **Setup Menu**.
4. Use the **UP** and **DOWN** Buttons to navigate the **Setup Menu** and highlight the **Sys. Reset** Setting and press **REC** to select.
5. Use the **UP** and **DOWN** Buttons to navigate between **EXECUTE** and **CANCEL** and press **REC** to confirm your selection.

Note:

1. Menu cannot be accessed while the camera is recording. Please stop the recording before attempting to access the menu.
2. This setting can only be accessed through the **Setup Menu** which can be accessed via the **Video** and **Photo Menu**.

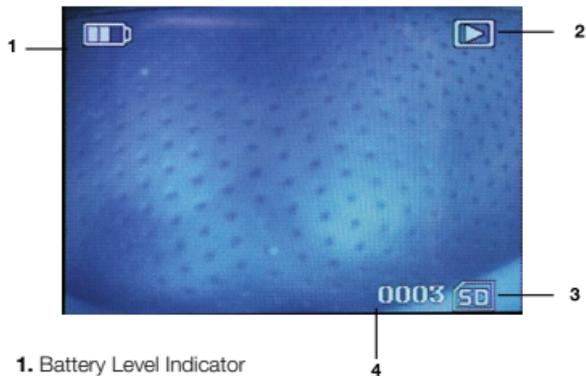
6.0 PLAYBACK SCREEN

This screen is used to playback photos and videos. To access the Playback screen ensure that the camera is not recording and press the **MODE** button. This will send the camera to the photo screen. While in the Photo Screen press the **MODE** button again which will bring you to the Playback Screen. In this screen the **UP** and **DOWN** buttons are used to cycle through the recorded videos and photos and the **REC** button is used to play and pause videos.



1. Battery Level Indicator
2. Playback Screen Indicator
3. Selected File is a Video File (Icon will disappear if a Photo is selected)
4. Selected File Duration
5. Video Resolution
6. Micro SD card inserted notification icon
7. File number selected
8. Time stamp (if Time Stamp is enabled, this is where the Date and Time is stamped on your video or photo)

5.0.1 PHOTO PLAYBACK SCREEN



1. Battery Level Indicator
2. Playback Screen Indicator
3. Micro SD Card inserted notification icon
4. File number selected

7.0 PLAYBACK MENU

7.1 DELETING PHOTOS AND VIDEOS

To delete an unlocked photo or video follow the instructions below.

1. Navigate to the Playback screen using the instructions in the section labelled Playback Screen.
2. In the Playback Screen use the **UP** and **DOWN** buttons to select the photo or video that you want to delete (if you want to delete all unlocked photos and videos select any unlocked Photo or Video).
3. Press the **MENU** button to enter the Playback Menu and use the **UP** and **DOWN** buttons to select the Delete setting and press the **REC** button.
4. Use the **UP** and **DOWN** buttons to select either Single, which will delete the file selected, All, which will delete all files on the micro SD card or Select which will provide a menu of images to select for deletion.
5. Use the **UP** and **DOWN** buttons to select either **CANCEL** or **EXECUTE** and press **REC** button to confirm the deletion.

8.0 MENU TABLES

VIDEO OUTPUT	RESOLUTION	1280x720	640x480	320x240
	EV	+2.0	+1.7	+1.3
		+1.0	+0.7	+0.3
		+0.0	-0.3	-0.7
		-1.0	-1.3	-1.7
		-2.0		
	WHITE BALANCE	AUTO	DAYLIGHT	TUNGSTEN
		FLUORESCENT	CLOUDY	
	TIME STAMP	OFF	DATE ONLY	DATE & TIME
	MOTION DETECTION	CANCEL	SET	
VIDEO TIME	3MIN			
IR LED	ON	OFF		
AUDIO	ON	OFF		

CAPTURE	RESOLUTION	5M	1.3M	3M
		640X480		
	QUALITY	FINE	ECONOMY	STANDARD
	SCENE MODE	AUTO	PORTRAIT	SPORT
		LANDSCAPE	NIGHT	BACK-LIGHT
	EV	+2.0	+1.7	+1.3
		+1.0	+0.7	+0.3
		+0.0	-0.3	-0.7
		-1.0	-1.3	-1.7
		-2.0		

CAPTURE	WHITE BALANCE	AUTO	DAYLIGHT	TUNGSTEN
		FLUORESCENT	CLOUDY	
	ISO	AUTO	100	200
	COLOUR	STANDARD	SEPIA	VIVID
		MONOCHROME		
	SATURATION	HIGH	NORMAL	LOW
	SHARPNESS	HARD	NORMAL	SOFT
	PREVIEW	ON	OFF	
	TIME STAMP	OFF	DATE ONLY	DATE & TIME
ON				
BURST	ON	OFF		

SETUP	FORMAT SD CARD	CANCEL	EXECUTE		
	BEEP	ON	OFF		
	LANGUAGE	ENGLISH	SPANISH	CHINESE	
		FRENCH	PORTUGUESE	RUSSIAN	
		GERMAN	JAPANESE	CZECH	
	AUTO OFF	1MIN	3MIN	5MIN	
		OFF			
	SYS. RESET	CANCEL	EXECUTE		
	LIGHT FREQ.	60Hz	50Hz		
DATE INPUT	SET DATE & TIME				

Warranty Terms & Conditions

Our goods come with guarantees that cannot be excluded under the Australian & New Zealand Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

This warranty is provided in addition to your rights under the Australian & New Zealand Consumer Law.

Directed warrants that this product is free from defects in material and workmanship for a period of 12 months from the date of purchase or for the period stated on the packaging. This warranty is only valid where you have used the product in accordance with any recommendations or instructions provided by Directed.

This warranty excludes defects resulting from alterations of the product, accident, misuse, abuse or neglect.

In order to claim the warranty, you must return the product to the retailer from which it was purchased or if that retailer is part of a National network, a store within that chain, along with satisfactory proof of purchase. The retailer will then return the goods to Directed. Directed will repair, replace or refurbish the product at its discretion. The retailer will contact you when the product is ready for collection. All costs involved in claiming this warranty, including the cost of the retailer sending the product to Directed, will be borne by you.

Directed Electronics:

44 Translink Drive,
Keilor Park, Victoria, 3042

Ph: +61 03 8331 4800

Email: service@directed.com.au