GRV43SKT

USER MANUAL

For more information
on the Gator range
go to our website

gatordriverassist.com

Monitor, Monitor power cable, Number plate mount wireless camera,
USB to DC camera charging cable, Number plate mount adaptor,
Dash mount, Suction mount, Vent mount & Mounting screws

Introduction

Thank you for purchasing the Gator GRV43SKT 4.3” wireless solar powered reverse camera kit. Please ensure that you have read the product manual and instructions in full, prior to installation and use. Failure to do so may result in product failure/damage or incorrect operation and therefore impact the product performance.

Product features & specifications

Monitor

- 4.3” High-resolution LCD Screen
- Resolution 480 x 272 Pixels
- Parking guide lines
- 12-30V Compatible
- 3.5M Monitor power cable
- Power cable fuse: 3A
- Operation Current: <150mA
- Dimensions 90(H) x 125(W) x 44mm(L)

Camera

- Pixels 640 x 480
- Lens angle H135° / V90° /D165°
- IP-67 Dust and water protection
- Solar Charging Power: 0.8 W
- 1/3” CMOS Sensor
- Image quality Max 30 FPS
- Solar Energy Conversion Rate: 23%
- Battery Capacity: 2100 mAh

Transmitter

- Frequency: 2400 - 2485.5 MHz
- Transmission distance: 17.5 meters max.
- Working Temperature: 14"- 140"F (-10·- 60"C)
- Working Voltage: 12-30V

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Inclusions

Monitor

Monitor
Suction Mount

Adapter Plate

Monitor
Vent Mount

Camera

Monitor
Adhesive Mount

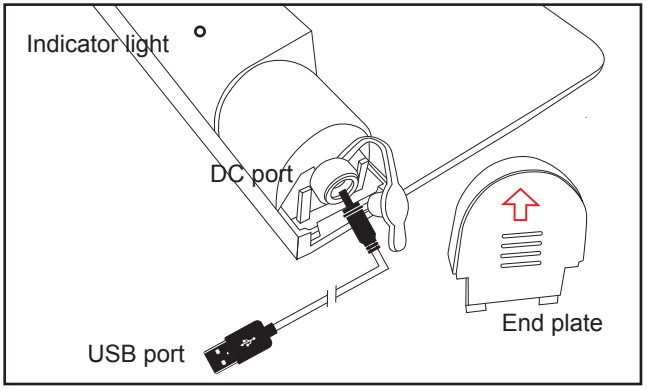
Monitor Power Cable

Charging Cable

Charging the Camera's built-in battery

NOTE:
* Prior to installation the camera must be fully charged.

1. Connect the supplied DC cord to the charging port of the camera by removing the end plate cover on the camera. Carefully slide up away from the camera plate.
2. Plug the cable USB port into any standard USB charging adapter *(Not included)* with an output rating more than 1000mA
3. A red light indicator near the camera cover will illuminate while charging.
4. Charge time takes 4 to 5 hours. Once fully charged the indicator light will turn off.



Under normal use, the camera maintains a charge with exposure to sunlight. A battery status indicator is provided on the monitor when the camera is in use. If you're storing your vehicle in a garage (or not exposing the camera to sunlight on a regular basis) you may need to recharge it via the DC port.

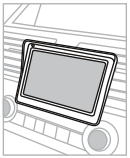
Monitor Installation

1. There are three ways you can mount the monitor, either suction, vent or the adhesive mount.

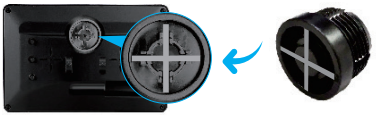
With the suction mount the monitor can be mounted to the windscreen or dash and be easily removed. Attach the suction mount to the back of the monitor using the supplied screwdriver and threaded screw. Pay attention to orientation see pictures below. With the suction lever in the released position, press the suction cup against the windshield. Press the suction lever toward the suction cup to lock the mount. To adjust the angle of monitor, loosen the collar on the ball joint, re-tighten in the desired position.

The adhesive mount can be used to permanently fix the monitor to the dash. Attach the adhesive mount to the back of the monitor using the supplied screwdriver and threaded screw. For good adhesion thoroughly clean the dash or windscreen before mounting.

Monitor Installation



For the vent mount, screw the socket adapter to the back of the monitor with the supplied screwdriver and small screw. Then secure the ball end of vent mount to the socket and tighten the retaining nut. Lift the clamp up and down to secure or release the vent clip on the vent.



Align

Vent Screw

Ball Nut Vent Mount

Connect

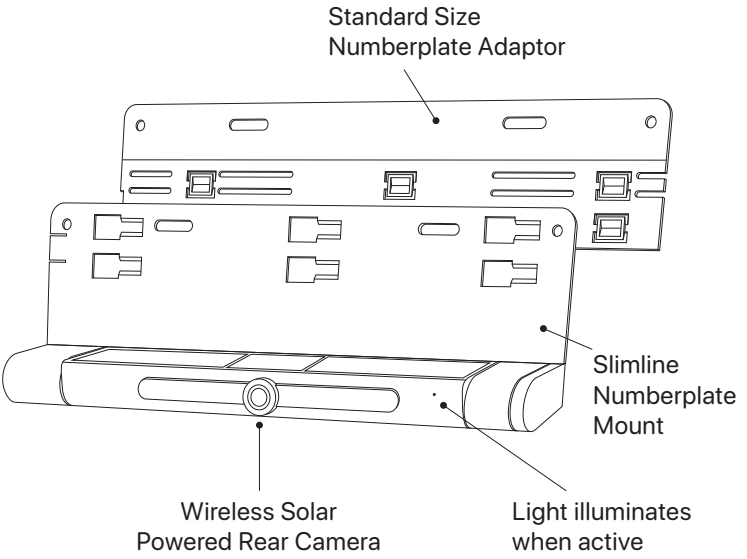
Rotate to tighten

Lock & release

2. Connect the monitor power cable to the monitor and plug the socket end into your 12-30V accessory input.

Installing the camera

1. Identify the number plate size you have. This will determine if you need to use the adapter plate.
2. If you need to use the adapter plate this slides inside the back of the camera base plate
3. Mount your number plate to the camera plate using your existing screws, by screwing into existing mounting holes on your vehicle. Alternatively use the extra screws provided.



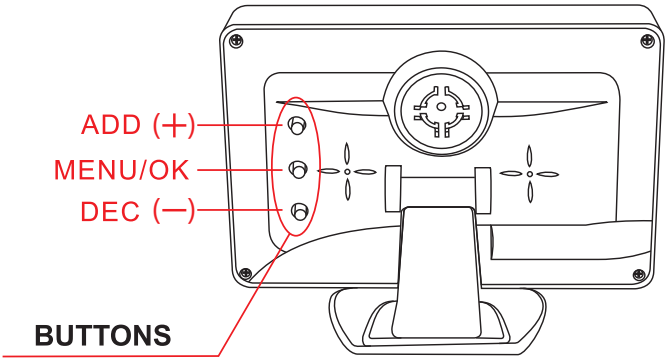
Adjusting the camera angle

1. When you want to adjust the camera angle, firstly make sure the monitor is powered, by pressing the "Touch For Rearview" button to enter working status.
2. Please note when rotating the camera, hold the license base plate with one hand, hold the camera outer frame with the other hand, then move up or down to adjust the angle.

Operating your device

1. Switch your 12-volt DC power port on with your ignition, the monitor will start work accordingly, the video signal will be sent from camera and will be displayed on the monitor.
The image is set to time out after 45 seconds (default). However if you wish to shut the image off manually, just touch the **'Touch for Rearview"** Button on the monitor again anytime to stop at once.
2. If you want to see the rearview image when driving your car , just touch the **'Touch For Rearview"** Button on the top of monitor.
3. When the vehicle is shut off, power is removed from the monitor and the monitor will shut off automatically, and the camera will stop working.
4. When the camera is active the light to the right on the camera will illuminate

Menu options and settings



1. The middle button **[MENU/OK]:**
Short Press to enter monitor menu settings.
Long Press (press and hold for 3 seconds) to confirm the chosen item in the menu setting interface.
2. The Up button **[ADD]:**
Short Press to change/add parameter value in the menu setting interface.
3. The Down button **[DEC]:**
Short Press to change/decrease parameter value in the menu setting interface.

Menu options and settings

While the monitor is showing the backup camera image, short press the **[MENU/OK]** button to enter and exit the main menu interface and settings. 5 options are available (Including Pairing, Image Parameters, Image Mirror, Guideline Style and Software Information).

1. **PAIRING MODE:** long press the **[MENU/OK]** button to pair the monitor with the camera. The Icon will turn purple when successfully paired

2. **IMAGE PARAMETER:** long press the **[MENU/OK]** button again to view 3 settings below

Brightness 10

Contrast 10

Colour 10

Press the **ADD/DEC** buttons to scroll through settings. Long press the **[MENU/OK]** button to enter settings. Press the **ADD/DEC** buttons to change the value

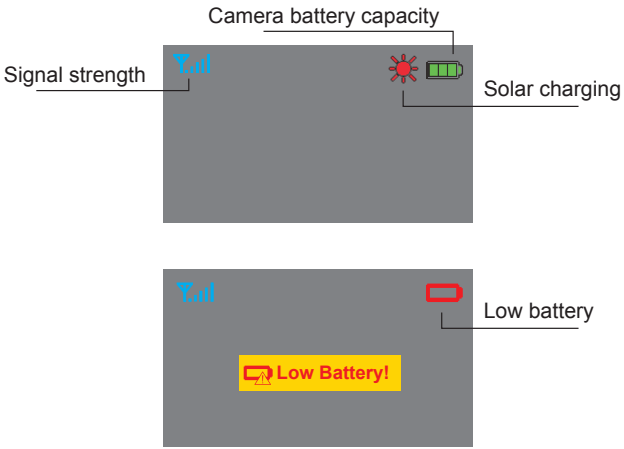
Menu options and settings

3. **IMAGE MIRROR:** long press the **[MENU/OK]** button to enter settings. Press the **ADD/DEC** to either mirror the image or rotate it upside down.

4. **GUIDELINE STYLE:** long press the **[MENU/OK]** button to enter settings. Press the **ADD/DEC** to change the style of the guidelines.

5. **SOFTWARE INFORMATION:** long press the **[MENU/OK]** button to enter settings. Here you can see firmware and product information.

Interface icons and meaning



Troubleshooting guide

Problem: The Monitor feels warm when it is operating
Solution: • It is normal for the Mirror Monitor to feel warm to the touch during typical use.

Problem: My screen image is blurry, dirty or discoloured
Solution: • Check to see if there are any finger prints or dirt present on the camera lens. If needed, clean with a soft dry cloth before recording.
• Also be sure to have removed the transparent lens/screen cover during installation.

Problem: The Monitor is frozen or not responding
Solution: • Reset the unit by disconnecting, then reconnecting power to the monitor
• Contact Gator Technical Assistance.

Safety information & warnings

- Do not use the Monitor in damp working conditions; the Monitor is not waterproof.

- Do not try opening the shell or trying to repair the Monitor by yourself. If the accessories for the Monitor have any problems, please take it to an authorised repair agent for repair.

- Do not use a chemical substance, cleaning solvent or cleaner to clean the Monitor, please use a moist soft cloth if you would like to clean the Monitor.

- Do not use the Monitor under conditions where dust is present.

- Please pay attention to cleaning the lens surface, use a moist soft cloth to clean the lens before use, to avoid poor image quality

Technical assistance

If you need assistance setting up or using your Gator product now or in the future, call Gator Support. Australia

TEL: 03 – 8587 8898
FAX: 03 – 8587 8866
Mon-Fri 9am – 5pm AEST

Please retain this user guide for future reference.

If you would like to download a digital copy of this manual, or other Gator manuals/software, please visit the gatordriverassist.com website and click on ‘Firmware & Manuals” or search for the product model number for more information, accessories and products.

This manual is considered correct at time of printing but is subject to change. For latest manuals and updates refer to the website.

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