



GHUDGPS

GPS CAR SPEED HEAD-UP DISPLAY MANUAL



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

www.gatordriverassist.com



Screen Size



GPS



Speed



Speed Alert



Sticky Surface
Mount

Introduction

Thank you for purchasing the Gator GHUDGPS Head-Up display. 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 overview

When driving at a high speed, especially at night, the driver may look down at the instrument panel, which may cause accidents. To prevent this situation from occurring, some high-end vehicles are equipped with a head up display (HUD) system, which can project important information (e.g. vehicle speed) onto a transparent film that needs to be affixed to your windshield at the eye level of the driver. The displays brightness is automatically adjusted, making it easier for the driver to keep their eyes on the road. This can help the driver avoid breaking laws for speeding and it can enable the driver to read the data instantly without shifting his or her view, which is of vital value in reducing traffic accidents caused by taking your eyes off the road.

Product features

- GPS Head-Up display
- Multi-color screen 3.5 inch HD display
- Nano-technology for clearer vision
- Driving speed display
- Projects information onto transparent film affixed to your windshield
- Adjustable speed display in KM/H or MPH
- Speed warning function
- Speed deviation setting
- Compass setting display
- Auto power ON/OFF
- Automatic and manual brightness adjustment mode
- 12/24V DC car adaptor
- 2.5M USB/Mini charge cable
- Dimensions 90x54x12mm

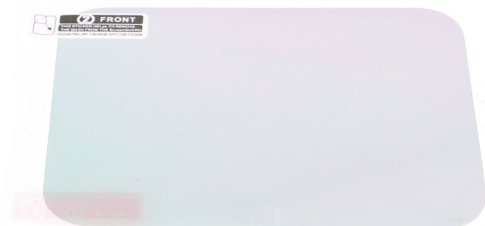
Package components

GHUDGPS
Head-Up Display



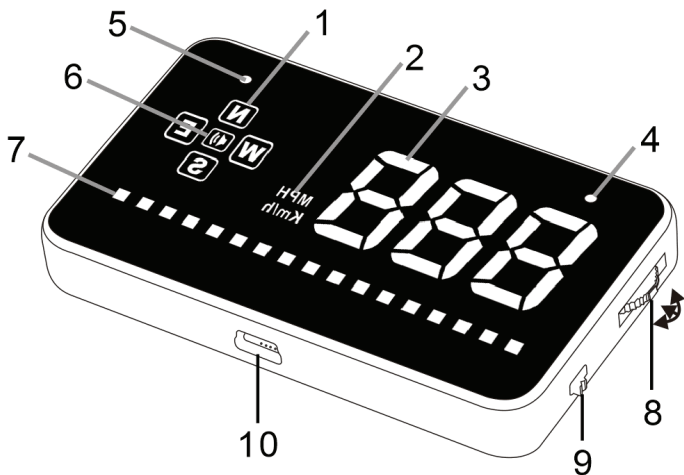
Sticky Non-Slip pad

12/24V charging adapter &
USB cable



Reflective Film

Product Structure



1. Compass driving directions: N (North), S (South), E (East), W (West)
2. Speed Unit – KM/H – Kilometers per hour, MP/H – Miles per hour
3. Speed indication
4. Satellite signal icon: Light changes from red to green when successfully connected to satellite signal.
5. Light sensor – Brightness will auto adjust according to outside brightness
6. Buzzer sound on/off (buzzer sound is on if the icon is lit up)
7. Speed icons: Shows menu level & speed alarm visual display
8. Settings button – Three way wave button, inward, Left or Right
 - a. Left direction = Increase parameter
 - b. Inward direction = OK/toggle button
 - c. Right direction = Decrease parameter
9. Power ON/Off
10. USB cable interface

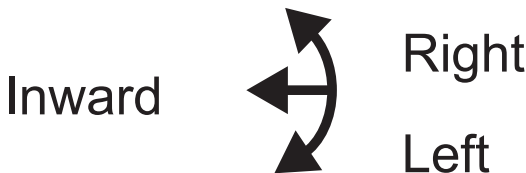
Installation of HUD

Placing Sticky Non-Slip mat and reflective film

1. Place the provided sticky non-slip mat on the vehicles dash as a base for the HUD. Being easy to remove, its location can also be changed at any time. Position the HUD in the preferred position before applying reflector film.
2. The reflecting film should be placed on the windscreen above the HUD to reflect the HUD display towards the driver's eye level when in the driver's seat.

Procedure of pasting the reflective film

1. Lightly spray some water on the windscreen glass position where the film will be placed
2. Take off the protective layer (marked 1 BACK) from the reflective film, then place the reflective film onto the windscreen glass.
3. Once position is ideal, you can use a plastic edged squeegee or something else flat to remove excess water from the reflective film, until there are no bubbles or water remaining.
4. After a few minutes, the moisture inside the film should evaporate.
5. Remove the protective layer (marked 2 FRONT) from the reflective film once it is in the final position.

Wave Button Function:**Enter & change menu settings:**

Inward long press on the wave button for 5 seconds to enter into the menu settings, inward short press on the wave button to toggle through the menu settings. The speed icons will illuminate on the display for each menu. There are 7 in total. Pull wave button to left or right to increase/decrease parameter value. After adjustment, inward long press for 5 seconds to save and exit.

Reset setting:

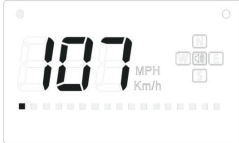

Inward long press for 5 seconds to enter into menu setting, short press inward to toggle to access menu 7, pull L/R to select parameter 1, after adjustment, inward long press for 5 seconds to save and exit.

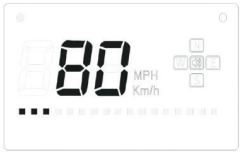
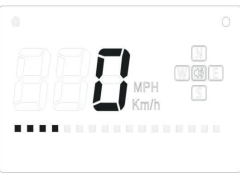
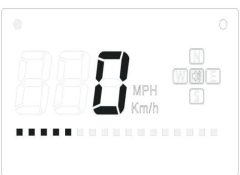
Turn on and off the buzzer (Sounds):

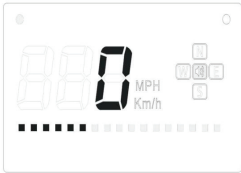
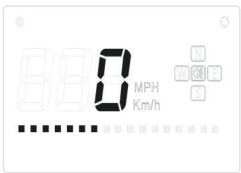
Pull right on the wave button for 5 seconds to turn off the buzzer (Sounds), repeat process to turn the buzzer on.

HUD settings:

The HUD displays data received from GPS satellites. GPS data may differ from the vehicles actual dashboard data. You can enter into the menu settings of the HUD and make fine adjustments in order to match the vehicles dashboard data.

Menu	Parameters	Range Adjustment	Explanation	Default Value	Display State
1	Speed compensation allows user to adjust speed to match the cars speedo	50-150	Speed error: Pull L or R on the wave button to adjustment (speed icon is 1)	107	
2	First speed alarm	10-180	Speed alarm when it reaches 60KM/H. Pull L or R on the wave button to adjust the alarm values (speed icon is 2)	60	

Menu	Parameters	Range Adjustment	Explanation	Default Value	Display State
3	Second speed alarm	10-180	Speed alarm when it reaches 80 KM/H. Pull L or R on the wave button to adjust the alarm values (speed icon is 3)	80	
4	Brightness adjustment	0-2	Pull L or R on the wave button to adjust the automatic brightness. 0 is default, 1 is darkest, 2 is brightest (speed icon is 4)	0	
5	Speed unit change from KM / H to MPH	0-1	Pull L or R on the wave button to adjust. 0 for KM / H, 1 for MPH (speed icon is 5)	0	

Menu	Parameters	Range Adjustment	Explanation	Default Value	Display State
6	Start reference voltage	10-150	If HUD cannot power off automatically, change it to 132. 132 means 13.2V, and if HUD turns off when driving, change it to 128. 128 means 12.8 V (speed icon is 6)	0	
7	Reset Settings	0-1	Pull L or R button to select parameter 1 then inward press in 5 seconds to save setting. (speed icon is 7)	0	

Product specifications

HUD weight	40g
Dimensions	90x54x12mm
Satellite positioning time	Cold start: 30s, hot start: 1s
Speed range	0-400KM
Compass precision	$\pm 1^\circ$
Built-in Speaker	Alerts
USB Interface	Mini USB
Power source	12/24V Car adaptor
USB cable	2.5 Metres
Output	1000 mA
Light sensor	Auto-brightness adjustment

Troubleshooting guide

Under normal operating conditions, if there are problems with the device, please refer to the following methods to resolve.

HUD screen without any display, and no power?

Check the car charging adaptor and cable is placed firmly in the vehicles charging socket. Check the cable is correctly inserted into the HUD.

Try removing and replacing the charging adaptor and cable. Check and make sure the HUD switch is turned ON. If there still no display please try another car to test and analyze whether the car cigarette lighter interface is faulty and not supplying power.

HUD cannot connect to the satellite signal?

Make sure the HUD is clear of any interference, ie buildings, underground car parks. Make sure you are out in an outdoor open environment.

Inaccurate Speed?

First: Check whether the satellite signal icon has changed from red to green.

Second: Check whether the speed unit is correct, menu 5 can change the speed unit.

Third: When HUD's power is on, inward press the wave button 5 seconds to enter into the menu 1, (here speed icon is 1), parameter shows 107, short press L or R on the wave button to increase or decrease the value according to the difference until it shows correct one. After adjustment, inward long press for 5 seconds to save setting.

Why is the HUD not turning on in the car?

Please check and make sure that there is power in the cigarette lighter socket of your car. Try another vehicles cigarette lighter socket to compare.

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 <http://gatordriverassist.com> website and click on 'Firmware & Manuals' for information on where to find the manuals/software.

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