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GPS HEAD UP DISPLAY

INSTRUCTION MANUAL



PLU: 621741

PLEASE READ BEFORE FIRST USE

This system has been designed for simple DIY installation and can be installed into any vehicle with a 12V electrical system, by plugging into the vehicles accessory sockets. This Head Up Display (HUD) uses GPS signals to calculate the vehicle speed, therefore it **WILL NOT WORK** inside buildings, underground car parks or tunnels where a GPS signal is unavailable. Please select a suitable location on your dashboard for installation that offers a **CLEAR LINE OF SIGHT** to open sky in front and slightly above the unit's location (i.e. on a dashboard with a sloping windscreen). When the HUD does not have a satellite signal fix, the LED signal indicator will flash red. Once it receives the satellite signal fix it will illuminate to green.

Upon first use this HUD will take up to 1 minute to locate and lock onto its required satellite signals, or after any extended period of not using (approximately longer than a week). If used frequently, the HUD will only take up to 30 seconds to acquire operational signals.

GPS signals fluctuate in strength. As this device operates it maintains connection to only the strongest signals available and may momentarily drop a weakening signal in favour of a stronger one. These changes happen automatically as controlled by the unit's processor. This may affect the displayed speed by not being 100% accurate or taking slightly longer to display current speed. Situations that may affect the accuracy of this HUD include:

- Cloudy and overcast conditions
- Heavy rain / snow
- Driving amongst high rise buildings / dense city areas
- Operating HUD within areas of strong electrical interference (such as telecommunication towers / airports etc).

Vehicle type and wheel sizes can also cause variations in the display speed vs the vehicle speedometer. This unit has a speed deviation setting that enables you to adjust the speed on the HUD to align with the speed on the vehicle speedometer to help counteract these variations.

THIS PRODUCT INCLUDING RELATED SPEED READINGS IS INTENDED AS A REFERENCE TOOL ONLY, AND MUST NOT BE USED AS THE PRIMARY MEANS OF OPERATING A VEHICLE OR OTHER FORMS OF TRANSPORTATION. THE PRODUCT MANUFACTURER AND RETAILER ACCEPTS NO LIABILITY FOR ANY SPEEDING FINE, PERSONAL INJURY OR PROPERTY DAMAGE EITHER DIRECTLY OR INDIRECTLY CONNECTED WITH THE USE OR OPERATION OF THIS PRODUCT.

CARTON CONTENTS



Head up
display unit



Anti-slip
mounting pad



12V DC Power
cable

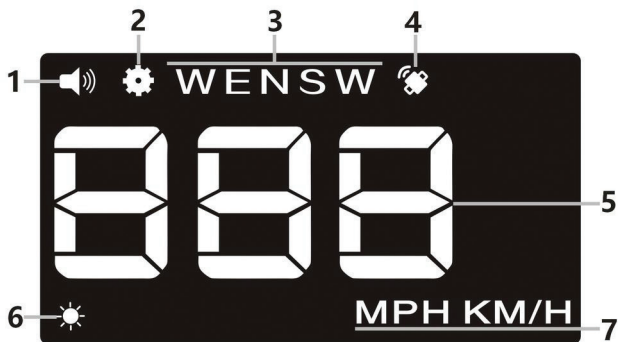


2x Transparent
films

SETUP AND OPERATION INSTRUCTIONS

- Ensure dash surface and inside the windscreen are clean and free from any residue before installation. This includes plastic and upholstery "protectants", as these may react with the supplied sticky pad. **PLEASE DO NOT USE ANY CLEANING CHEMICALS ON THE HUD UNIT.** If cleaning is required use a soft microfiber style cloth to wipe clean.
- Place the anti-slip mounting pad on the clean section of your dash ensuring the dimples are facing upwards.
- Ensure cable is routed safely so there are no obstructions to operating the vehicle.
- Plug unit into accessory socket and press the power on button, ensuring the vehicle is outside and not under cover.
- Stick the transparent film onto a suitable position on the windscreen so the HUD image is projected onto this film, enabling a clear forward view of the speed display from the driver's seat position. (See page 9 for more detailed instructions).
- The transparent film serves 2 purposes; reflecting a sharp, white LED image that isn't effected by the windscreen lamination. It also prevents the white LED light shining forward through your windscreen. For best results please ensure the transparent film is installed prior to operating the vehicle.
- If you wish to see the HUD display directly face the display towards you and reverse the speed display in the settings.
- When connecting to power for the first time the satellite icon will flash red. Once the GPS signal is found it will turn solid green ready to use. This can take between 30 seconds to 1 minute.

DISPLAY AND FEATURES



1: Buzzer icon

2: Settings icon

3: Driving direction icon: West, North, East, South

4: Satellite signal icon - Light flashes from red (searching) to green (connected) to satellite

5: Speed

6: Light-sensor

7: Speed unit (KM/H or MPH)

WAVE BUTTON FUNCTION



1. Vertical long press in for 5 seconds, enters into setting menu (menu 1-6). After finishing adjustment, vertical long press for 5 seconds to save and exit.
2. Short pull up: Increasing parameter values after entering into the menu settings.
3. Short pull down: Decreasing parameter values after entering into the menu settings.
4. Vertical Short press in: Increasing menu values after entering into the menu setting.
5. Long pull down: Turns the alarm sound on or off.
6. Long pull up: When all the LED's light up the HUD will restore to factory settings.

MENU SETTINGS

Vertical long press in the wave button for 5 seconds to enter into the menu settings. Short press in the wave button to increase the menu value, up or down the wave button to increase/decrease parameter value. After adjustment, vertical long press 5 seconds to save and exit.

MENU 1: SPEED

- Range adjustment: 80-120
- Speed error: Short pull up or down to adjust
- Default value: 107



MENU 2: OVER-SPEED ALARM

- Range adjustment: 10-180
- Speed alarms when it reaches 150KM/H: Short pull up or down to adjust the alarm value
- Default value: 150



MENU 3: BRIGHTNESS

- Range adjustment: 0-5
- 0 for automatic brightness adjustment
- 1 is darkest
- 2-5 is bright (the greater the number, the stronger the brightness)
- Default value: 0



MENU 4: SPEED UNIT

- 0 for KM/H
- 1 for MPH



MENU 5: POWER ON/OFF VOLTAGE

- Range adjustment: 100-150
- Eg: Value 100 means 10.0V, 150 means 15.0V
- If HUD cannot automatically turn off, please adjust the voltage to 13.2V-14V



MENU 6: DISPLAY MODE

- Range adjustment: 0-1
- 0 is reflect on the windshield
- 1 is direct view
- Default value: 0



POSITIONING THE REFLECTION FILM

The HUD projects dashboard information on the vehicles front windscreen. Due to most vehicles windscreen being double layered, this may cause the user to see a double or blurred image. Therefore the reflection film is recommended for use. Firstly, put the non-slip mat on the dashboard, and then put HUD on it. With the HUD turned on, place the reflection film in the best position above the HUD.

INSTALLING THE REFLECTION FILM

1. Spray some water on the place that the film will be placed on, and then use a dry cloth to clean it.
2. Take off the back side (marked 1) of the reflection film, then stick it to the windscreen glass.
3. After you have adjusted the location, you can use a scratch board or something flat to slick the film and squeeze the excess water and or air bubbles out.
4. Take off the protection film (marked 2) of the reflection film and now you are ready to use.

TROUBLE SHOOTING GUIDE

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

Problem: **The HUD will not power on**

Solution: • Vehicle Accessory Socket - Check the vehicle accessory socket has power, simply plug another device and see if it powers up (or use a test light / multimeter to check for power).

• HUD Power Cable - Check the fuse in the tip of the accessory plug, it may need to be replaced.

Problem: **Inaccurate Speed**

Solution: • Check the speed unit first, to see it is KM or MPH

• When HUD is power on, vertical press the wave button 5 seconds to enter into the menu options, here menu options shows 0, parameter shows 107, up or down the wave button to increase or decrease the value according to the difference until it shows correct one. After adjustment, vertical press in 5 seconds to save it.

Problem: **Cannot see display clearly in sunlight conditions**

Solution: • Check the brightness in the settings menu, refer to (menu 3, page 8 of this manual)

• Check the display mode, refer to (menu 3, page 8 of this manual), and adjust the default value to 0 or 1.

HUD SPECIFICATIONS

Working voltage	DC8-18V
Working current	40mA
Sleeping current	15mA
Compass precision	$\pm 1^{\circ}$
Speed range	0-400KM
Satellite positioning time	Cold start: 30s Hot start: 1s
HUD size	90x54x12mm
12V car charger	1000mA
HUD weight	40g

WARRANTY

Our product is guaranteed to be free from quality and manufacturing defects for a period of 12 months.

If your product becomes defective during this period, SRGS PTY LTD will offer you either a replacement, credit or refund where a product is faulty; wrongly described; different from the sample shown to you or do not do what they are supposed to do.

This warranty will not cover substantially modified product; misuse or abuse of the product contrary to user instructions or packaging label; change of mind and nominal wear and tear. Our goods come with guarantees that cannot be excluded under the Australian 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 failure does not amount to a major failure.

To claim the warranty, take the product to the front Service Desk of your nearest store of purchase. You will need to show receipt or other proof of purchase. Additional information may be required to process your claim. Should you not be able to provide proof of purchase with a receipt or bank statement, identification showing name, address and signature may be required to process your claim.

Any expenses relating to the return of your product to the store will normally have to be paid by you. For online store purchases, SRGS PTY LTD will pay for the return freight for any product assessed as having a major failure.

The benefits to the customer given by this warranty are in addition to other rights and remedies of the Australian Consumer Law in relation to the goods or services to which this warranty relates.

This warranty is provided by SRGS Pty Ltd ABN 23 113 230 050
6 Coulthards Avenue, Strathpine, Queensland 4500, Australia.