

HUD

HEAD UP DISPLAY

GPS HEAD UP DISPLAY USER MANUAL

CODEBREAKER
ENGINE DIAGNOSTICS

INTRODUCTION

HUD, short for Head Up display is a driver's aid designed to reduce distraction by displaying vehicle speed information in the driver's field of view so that they can keep their eyes on the road.

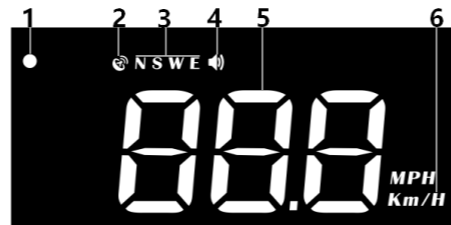
COMPONENTS

- Head up display unit
- 12-36V Hard wiring converter kit
- Windscreen reflective film
- Dashboard adhesive tape
- User Manual

FITTING

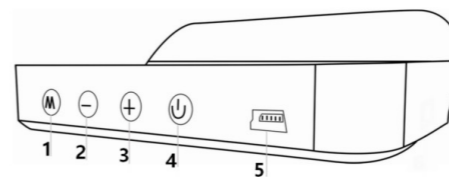
1. Place the HUD in the desired location on the dashboard surface.
2. Connect the hard wire kit to a vehicle ignition source, and plug the micro USB plug into the HUD power connection port.
3. Turn on the ignition to power the HUD and check the position of the image projected on the screen is aligned with drivers view.
4. Clean the windscreen and apply reflective film.
5. Mount HUD permanently with adhesive tape.

DISPLAY FUNCTIONS



- 1. Light sensor:** HUD unit automatically adjusts the brightness according to the environment
- 2. Satellite icon:** Satellite icon will stop flashing once GPS signal is locked (Direct view of the sky)
- 3. Compass:** N (North), E (East, W (West), S (South)
- 4. Buzzer:** Audible alarm
- 5. Vehicle Speed Display:** Displays the current vehicle speed
- 6. Speed Unit:** MPH - miles per hour , Km/H - kilometres per hour

BUTTON FUNCTIONS



Short Press = 1 second, Long Press = 5 seconds

1. Short Press (M)

To switch between vehicle speed and number of satellites.

Long Press (M)

To enter the setting menu (see table for details) and to save and exit.

2. Short Press (-) or (+)

To adjust the menu number or parameter value.

BUTTON FUNCTIONS

3. Long Press (-)

To turn the buzzer on and off (default is on).

Long Press (+)

Press and hold until the entire screen is on to eliminate fault codes. Long press again to exit.

4. Power switch (P)

Long press to turn off, again to turn on.

5. Power Connection Port

Attach hardwiring converter kit to connection port.

SETTINGS

Long press the (M) to enter setting menu,

Short press (-) to choose menu,

Short press (M) to confirm,

Long press (M) after adjustment to save and exit.

CONTACT US

For more information on installation, operation, or any other general enquiries, please don't hesitate to contact us at:



+61 3 8740 1170



www.ultimate9.co



sales@ultimate9.co



facebook.com/ultimate9



@ultimate9_



Factory A, 28A
Kalman Drive
Boronia, 3155, VIC
Australia

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SETTINGS cont.

MENU	FUNCTION	RANGE ADJUST	DESCRIPTION	DEFAULT SCREEN
1	Speed	50-150	Adjust the parameter value to match the vehicle speedometer value or check with another GPS device for a corrected GPS value.	107
2	Over speed alarm	30-250	Over speed alarm is set at 150 km/h. Adjust as required.	150
3	Fatigue Driving Reminder	1.0-8.0	Default fatigue driving reminder is 4 hours. Adjust as required.	40
4	Brightness level	0-11	0-automatic photosensitive mode 1-11 is manual adjustment	0
5	Speed unit	0-1	0-KM 1-MPH	0
6	Factory reset	0-1	The default value is 0. After adjusting to 1, long press (M) to save and exit.	0

FAQ

1. The unit does not turn on or has no display

Check all cabling and fuses for power. If there is power going into the cabling, then there may be a fault with the unit. You can also use a micro USB plug and plug it into a normal USB wall charger to test and confirm a fault with the main unit.

2. Speedometer is showing 0km/h while moving

This can happen when you're driving undercover, or in a tunnel. This is normal for all GPS devices as GPS signals cannot travel through most objects. As soon as your vehicle gets out into open space with a direct view of the sky the speedometer will start measuring speed again.

3. Inaccurate Speedometer

Most manufacturers will have speedometers that are on average 3-6km/h slower than what's shown on the dash when driving over 100km/h. To insure the GPS Speed showing on the HUD is correct you can download a GPS speed app on your smartphone or use Google maps navigation which will show a more realistic GPS Speed for comparison. If you find that the GPS speed value differs to what's

FAQ cont.

shown on your smartphone, go to Menu 1 and adjust the parameters until you are satisfied with the reading.


4. Compass display error

After the vehicle speed exceeds 5km/h, the compass direction will activate and read correctly.

5. Speed is still displayed after the car stops

When underground or under cover, GPS signals will get blocked causing speed display to become unstable. Ignore the HUD when undercover, indoors, or in a tunnel.

6. Turn off the buzzer

Push the  button for 2 seconds to turn off the buzzer, press again to turn on.

WARRANTY

Ultimate9 provides to the original purchaser, a 12 month replacement warranty against manufacturing faults or defects. Conditions resulting from normal wear & tear, modification, misuse, abuse or incorrect fitment are not covered and will void the warranty. In order to make a claim under this warranty, the purchaser must:

- Return the product to the place of purchase with a valid receipt/invoice or proof of purchase or contact Ultimate9 customer service on 03 8740 1170.

- Provide Ultimate9 with any additional information as requested.

The purchaser is responsible for any return freight or fitting/removal costs incurred when making a claim under this warranty unless communicated otherwise by Ultimate9. This warranty is limited to the original purchaser and is not transferable.

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 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.