

INTRODUCTION

Thank you for purchasing this product! Please read this user manual and keep safe for future reference.

This Head Up Display (HUD) displays driving data such as speed, on the a cars front windshield glass. Drivers can read the driving information instantly, reducing risks to driver safety.

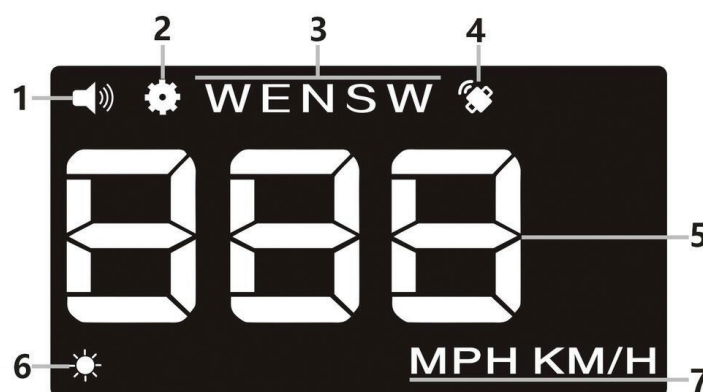
MAIN FUNCTIONS & FEATURES

1. Available for any car, easy to install, plug and play
2. Two mode display: reflect on windshield or directly see on the sit up HUD screen
3. Screen 3.5 inch HD display
4. Multi-colour design makes the screen more abundant and easier to read
5. Nano-technology to eliminate double reflections
6. Rich Contents: speed, compass, speed alarm, free switch between km and miles
7. The HUD will automatically turn on/off when the ignition has been started or turned off in the vehicle
8. Automatic and manual adjustment mode, driving without glare

FIRST USE OF HUD

For first time use, please connect the car charger to a car cigarette lighter socket. Once charged, a red satellite icon will flash and start to search for the satellite number. Once the satellite icon becomes green the HUD can work.

BUTTON FUNCTION



1. Buzzer Icon
2. Setting Icon
3. Driving Directions Icon: West (W), North (N), East (E), South (S), Northwest (NW), Northeast (EN), Southwest (SW), Southeast (ES)
4. Satellite Signal Icon: When the light changes from red to green, satellite search successful
5. Speed
6. Light-sensor
7. Speed Unit (km/miles)

HOT KEYS FUNCTION



Menu Operation:

1. Hold In for 5 Seconds: enter into setting menu (menu 1-6), after finishing adjustment, hold in for 5 seconds to save and exit
2. Press Up: Increasing parameter values after enter into the menu setting
3. Press Down: Decreasing parameter values after enter into menu setting
4. Press In: Increasing menu values after entering into menu setting
5. Hold Down: turn on or off the alarm sound

Reset Setting:

Hold up the button, and when the LED lights up, it means HUD has finished restoring to factory settings.

Turn On and Off the Buzzer:


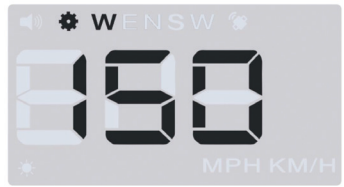
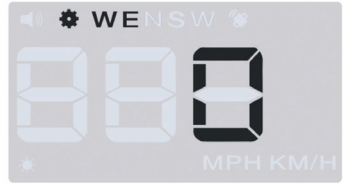
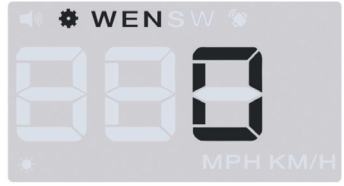


Hold down the button for 5 seconds to turn off the buzzer, another 5 seconds to turn the buzzer on.

HUD Settings:

Since HUD displays data received from the satellites from GPS, GPS data will be a little different to the car dashboard data. At that time, you can enter into menu settings to finely adjust the HUD in order to get similar data as your dashboard. If you find there is something different with the dashboard values, please make an adjustment as per the following.

Enter Into Menu Setting:

Hold in the button for 5 seconds to enter into the menu setting. Press in the button to increase the menu value, up or down. After adjustment, hold in the button for 5 seconds to save and exit.

Menu	Parameters	Range Adjustment	Explanation	Default Value	Display State
1	Speed	80-120	Speed Error: Up or Down the button to adjust	107	
2	Over-Speed Alarm	10-180	Speed alarm when it reaches 150km/h, up or down the button to adjust the alarm values	150	
3	Brightness Adjustment	0-5	0 for automatic brightness adjustment, 1 is darkest, 2-5 is bright (the greater the number, the stronger the brightness, 5 is brightest)	0	
4	Speed Unit	0-1	0 for km/h 1 for mph	0	
5	Power ON/OFF Voltage	100-150	If HUD cannot automatically turn off, please adjust the voltage to 132 - 140 (means 13.2V - 14.0V)	100	
6	Display Mode	0-1	0 is reflected on the windshield, 1 can directly see from the sit-up HUD screen	0	

Use and Installation for Reflection Film:

Please Note: HUD Projects dashboard information on the car front windshield, because the windshield is double, which will make double reflection on the windshield when it works. The double reflection will be different because of the different windshield. If you can see clear of the displaying information, then there is no need to use the reflection film. If there is a double image, then please use the reflection film.

First, please put the non-slip mat on the dashboard, and then put the HUD on it. Reflection film can be stuck to the position right above the HUD position which can reflect host screen to windshield.

Methods of Pasting the Film:

1. Spray some water on the place that the film will be pasted on, and then use a dry cloth to clean it;
2. Take off the back side (Marked 1) of reflection film, then paste it to the window glass.
3. After you have adjusted the location, you can use a scratch board or something else flat to slick the film and squeeze the water inside out until there is no bubble or water in it.
4. Take off the protection film(Marked 2) of the reflection film. If the film cannot display the whole information, please adjust the non-slip mat to move the position.

HUD Specifications:

Working Voltage:	10-30VDC
Working Current:	40mA
Sleeping Current:	15mA
Compass Precision:	±1°
Speed Range:	0-400km
Satellite Positioning Time:	Cold Start: 30s, Hot Start: 1s
Dimensions:	90 x 54 x 12mm
12/24V Car Charger:	1000mA
HUD Weight:	40g

SOLUTION FOR COMMON PROBLEMS

1. HUD Screen Without Any Display And No Power

Check the car charger cable to see if it has been inserted correctly, check to see if the HUD switch powers on. If there's still no display please try another car to test and analyse whether the car cigarette lighter socket is faulty, If it is a faulty cigarette lighter charger, then replace it.

2. Inaccurate Speed

- a. Please check the speed unit first, to see if it is km or mph
- b. When the HUD is powered on, hold in the button for 5 seconds to enter into the menu options, here menu options shows 0, parameter shows 107, up or down the button to increase or decrease the value according to the difference until it shows correct one. After adjustment, hold in the button for 5 seconds to save it.

3. HUD Cannot See Clearly Under Sunlight

- a. Check whether the HUD host protective film is torn, and please stick the reflection film on the windscreen.
- b. Check whether stick the reflection film
- c. You can adjust the brightness by setting menu, refer to menu 3
- d. Change the display mode, refer to menu 6, and adjust the default value to 1, then you can see directly from the sit up HUD screen.

4. Wrong Operation Leads to Crashes. Or Inaccurate Data.

Do a reset setting: Hold up the button, and when all the LED illuminates, it means the HUD has finished restoring to factory settings.

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