

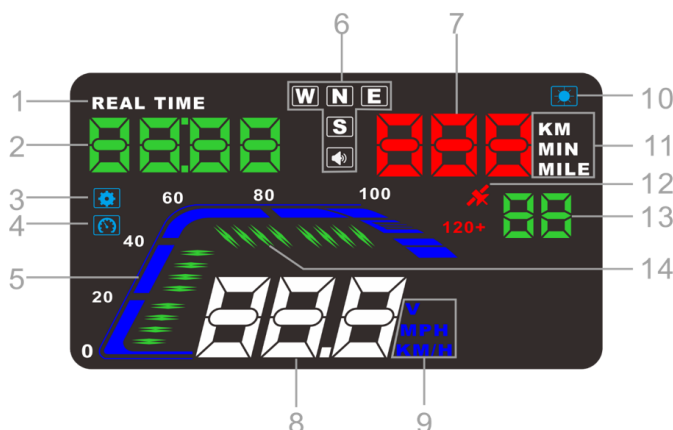
This Head-Up Display (HUD) shows driving data on the front windshield such as: speed, driving direction, time, driving distance, and driving time. This allows drivers to keep eyes on the road instead of checking the speedometer.

HUD Main Features:

- Works with all vehicles, easy to install
- Plug and play
- 5.5" screen and high-definition display
- Multi-color design makes the screen easier to read
- The use of nano-technology to eliminate reflections and display information sharply
- Display Rich Content: speed, driving direction, driving time, driving distance, time, satellite number, altitude, speed alarm, free switching between kilometer and mile
- The HUD will automatically turn on/off when the ignition has been started or turned off in the vehicle
- Automatic and manual brightness adjustment mode, driving without glare

HUD Display Information:

1. Real time icon
2. Current time or altitude
3. Settings icon
4. Speed alarm
5. Speed graph
6. Driving direction and buzzer icon
7. Driving distance (KM/MILE) or driving time (MIN)
8. Speed or voltage
9. Unit of speed and voltage
10. Light sensor
11. Unit of driving distance or driving time
12. Satellite icon
13. Satellite number
14. Speed icon



HUD Installation:

Put HUD unit near the car front glass, then connect the USB car charger to car cigarette lighter socket. Start the engine, HUD will power on and the satellite icon will flash, HUD will search the satellite number after few seconds, then HUD can work.

HUD Button Function:

1. USB interface, to connect the USB car charger
2. Button for power on and off
3. Setting button: Press or hold Up, Down or In



Menu Operations:

When the dial is on the left, hold in for 5 seconds to enter into menu settings (menu 0-8). After you have finished adjustment, hold in for 5 seconds to save.

Press Up: Increasing parameter values after entering into menu settings.

Press Down: Decreasing parameter values after entering into menu settings.

Press In: Switch between driving distance (KM/MILE) and driving time (MIN) (enter into menu options, press in to increase menu options)

Hold Down: Turn the alarm sound ON/OFF.

HUD Settings:

Since HUD receives data from satellite, GPS data may be different to car dashboard data. In this instance, you can enter into menu settings and fine tune the HUD to match the data as shown on the dashboard. If you find such a difference with the dashboard values, make an adjustment as per below:

Hold in the button for 5 seconds:

Enter into the menu settings (there are 3 directions for the button: Up, In, Down). Hold in, enter the menu setting, press in 1 time, menu options will increase 1 unit, up and down the button to increase or decrease the parameter value. After adjustment, hold in for 5 seconds to return to the previous interface.

Restore to Factory Setting:

When the HUD is powered on, hold in the button for 5s to enter into the menu settings, press in to menu 8, and press down the button to parameter 1, and hold in the button for 5s to save and return to the display interface.

Menu	Parameters	Adjustment Range	Explanation	Default	Display State
0	Speed	50-150	Speed Error: Up or down the button to adjust	107	
1	Speed Alarm	30-250	Speed alarm when it reaches 120KM / H ,up or down the button to adjust the alarm values	120	
2	Brightness Adjustment	0-2	0 is the automatic adjustment; 1 is the darkest and 2 is the brightest	0	
3	Speed Unit	0-2	0 is KM/H, 1 is MPH, 2 is voltage	0	
4	Distance or Time Switch	0-2	0 is driving distance in KM, 1 is driving time in MIN, 2 is driving distance in MILE	1	
5	Time or Altitude Switch	0-1	0 is time, 1 is altitude	0	
6	Timezone	-12 to 12	Timezone setting (from GMT -12 to GMT 12)	10	
7	Start Reference Voltage	0-15.0	If HUD cannot automatically power off, adjust 13.2-14.0V, then HUD can power off	0	
8	Restore Factory Settings	0-1	Set to 1, hold in the button for 5s, then return to the display interface	0	

Timezone Setting Reference:

Timezone Adjustment Code	Region	GMT
8	Western Australia	GMT +8
9.3	Northern Territory, South Australia	GMT +9.5
10	Queensland, New South Wales, Victoria, Tasmania	GMT +10
10.3	Daylight Savings - South Australia	GMT +10.5
11	Daylight Savings - New South Wales, Victoria, Tasmania	GMT +11
12	New Zealand	GMT +12

Use and installation for reflection film:

Please Note: HUD Projects dashboard information on the cars front windscreen, because the windscreen is double, creating a double reflection on the windscreen when working. The double reflection will be different because of the different windscreen. If you can see displayed information clearly, then there is no need to use the reflective film. If there is a double image, then you will need to apply the reflective film. First place a non-slip mat on the dashboard for the HUD to sit on. Position the reflective film right above the HUD position in order to reflect the screen onto the windscreen.

Methods For Applying the Reflective Film:

1. Spray some water where the film will be pasted and then use a dry cloth to clean residue.
2. Remove the back side of reflection film (marked 1), then adhere it to the window glass.
3. After you have adjusted the location, you can use a scratch board or other flat object to slick the film and squeeze the water inside out until there is no bubbles or water.
4. Remove the protection film of the reflection film (marked 2). If the film cannot display the whole information, please adjust the non-slip mat to move the HUD position.

Working Voltage:	DC 10-30V	Real Time Precision:	The same as satellite
Working Current:	40mA	HUD Size:	125 x 75 x 15mm
Sleeping Current:	15mA	12V Car Charger:	1000mA, USB cable
Compass Precision:	$\pm 1^\circ$	HUD Weight:	115g
Speed Range:	0-400km		

Troubleshooting:

1. HUD Screen Without Display or 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. HUD Cannot Automatically Power Off After the Car is Turned Off

When HUD cannot be automatically powered off, please hold in the button for 5 seconds to enter into menu settings, find menu 7, adjust the default value from 13.2 – 14.0V, then HUD can be automatically powered off.

3. Inaccurate Speed

First check if the speed unit is correct or not, the speed unit includes KM/H and MPH. Set it to the correct one (refer to menu 3). When HUD is powered on, hold in the button 5 seconds to enter into the menu options, here menu option 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 for 5 seconds to save.

4. Over Speed Alarm

The default value for over speed alarm is 120, users can choose to increase/decrease the value. When HUD is power on, hold in the button for 5 seconds to enter into the menu options, press in 1 time then the menu option shows 1, the parameter shows 120, it represents that the HUD will sound an alarm when it reaches 120, then press up or down the button to increase or decrease, after adjustment, hold in the button for 5 seconds to save.

5. Cannot Be Seen clearly when HUD under the sunlight

Check whether the HUD host protective film is torn, and please stick the reflective film on the windscreen. Find menu 2, adjust the default to 2 (here means the brightness is the brightest).

6. Wrong Operation Leads to Crashes or Inaccurate Data

Do a reset setting.

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