

Head Up Display(GPS)

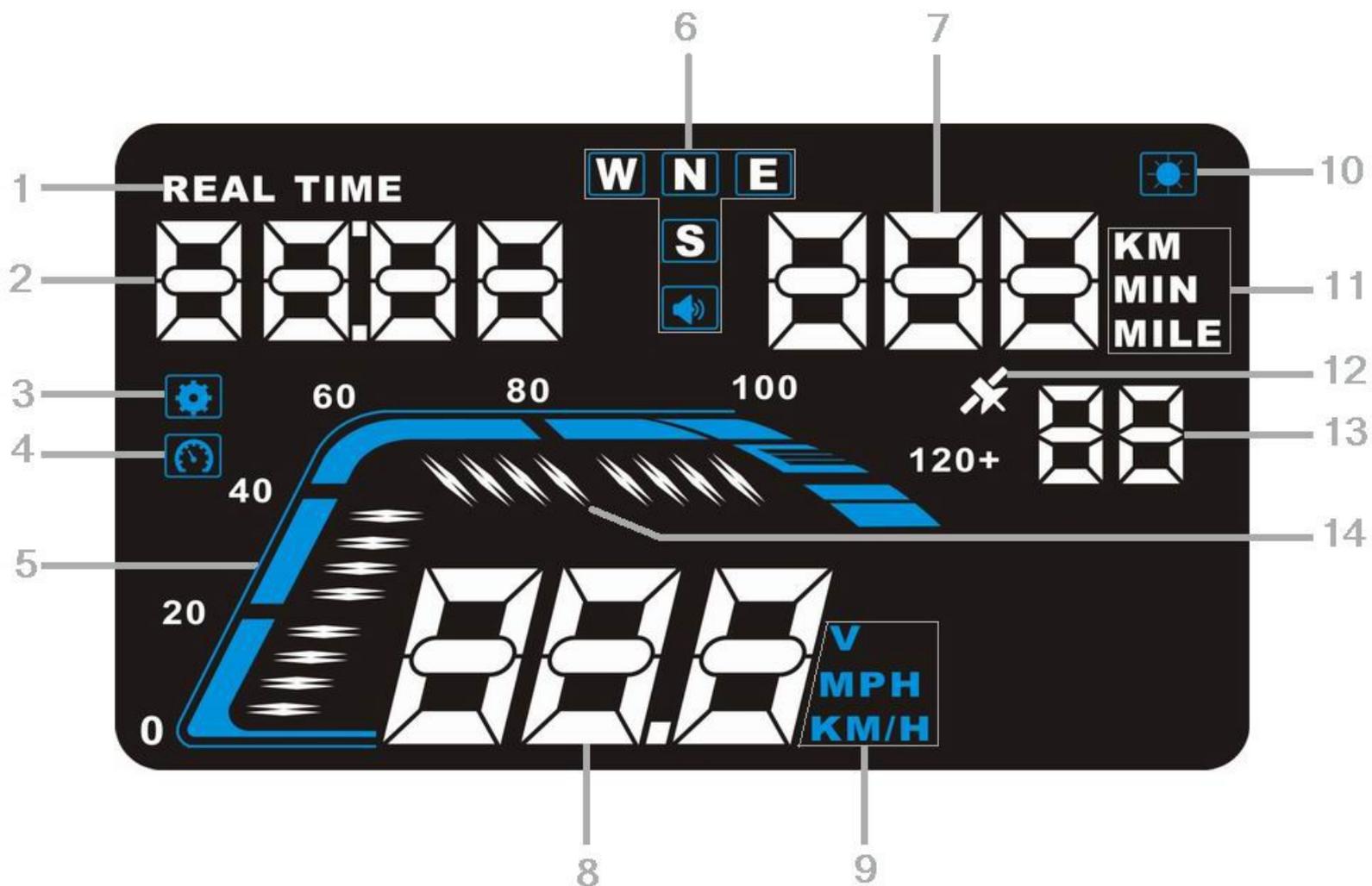
User Manual

HUD is short for Head Up Display. It displays driving data on the front windshield such as speed on the car front windshield; avoiding dangers caused by the driver watching the instruments while driving. Drivers can read the driving information instantly while paying full attention to the road.

HUD main features

1. Applies to most cars worldwide. Plug and Play.
2. 5.5" high-definition display
3. Multi-colour design makes the screen easier to read
4. The use of nanotechnology to eliminate unwanted reflections
5. Display rich content: speed, driving direction, driving time, driving distance, real time, satellite number, altitude, speed alarm, free switching between kilometre and mile measurement units
6. Auto power on and off with vehicle started and shutdown, effective protection of the car battery; while retaining the manual switch mode, and more easy to control HUD.
7. Automatic and manual brightness adjustment mode, driving without glare.

HUD display information

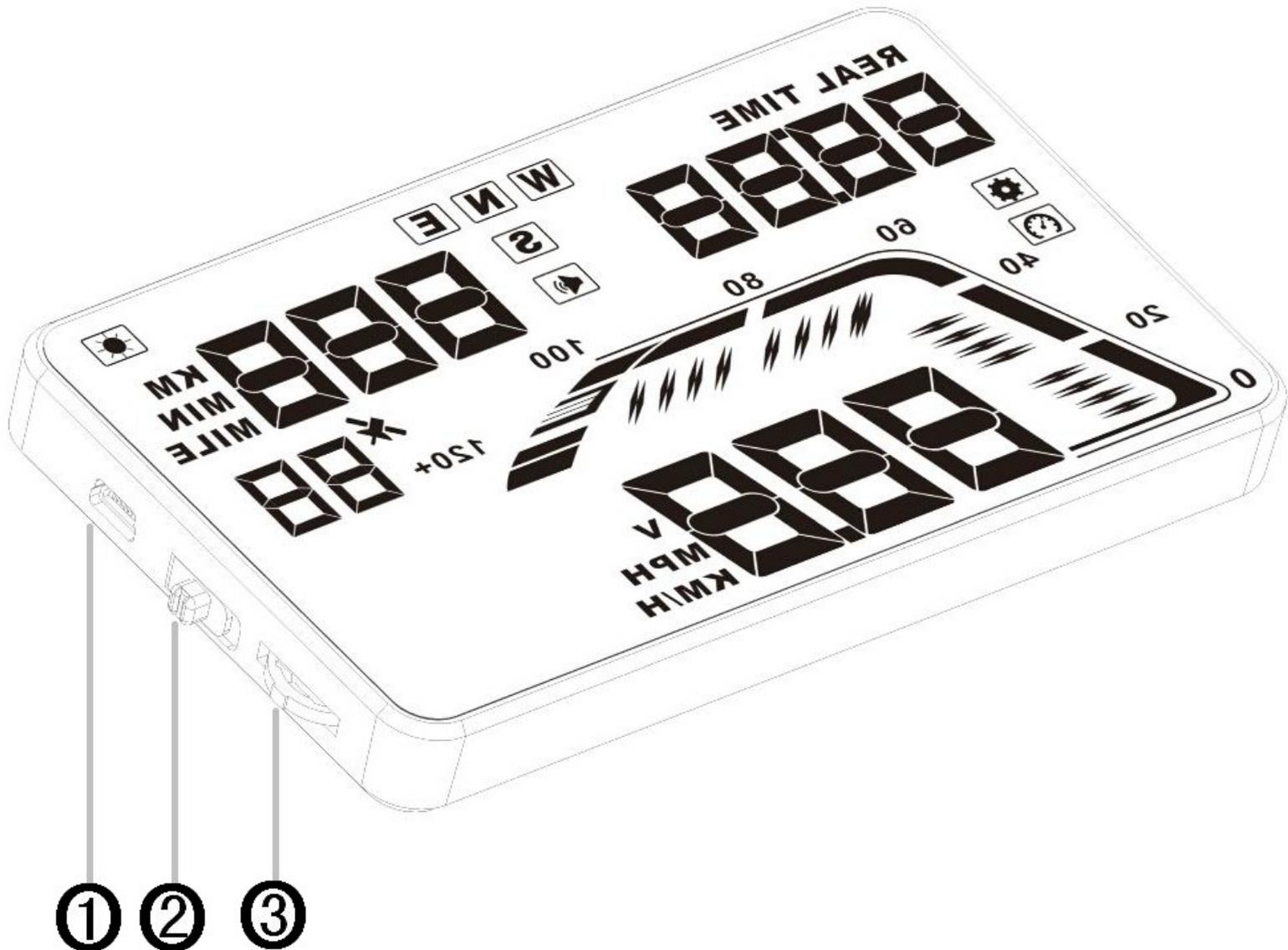


- 1 : real time icon
- 2 : display driving time
- 3 : function setting icon
- 4 : speed alarm
- 5 : speed
- 6 : driving direction and buzzer mark
- 7 : driving distance (KM/MILE) and driving time (Min)
- 8 : speed and voltage
- 9 : unit of speed and voltage
- 10: light sensor
- 11: unit of driving distance and driving time
- 12: Satellite icon
- 13: satellite number
- 14: speed icon

HUD installation

Place the HUD unit so it is sitting under the windshield, then connect the USB car charger to car cigarette lighter. Start the engine, and the HUD will power on and the satellite icon will flash. HUD will search for the satellite for a few seconds, then the HUD will work.

HUD Button function



1. USB interface, to connect the USB car charger
2. Button for power on and off
3. Setting button: Three way wave button, short or long press
 - a. Up button = up motion
 - b. Ok button = press button inwards
 - c. Down button = down motion

Wave Button Function:



With the dial on the left

1. Press and hold the dial in for 5 seconds: enter into settings menu (menu 0-8). Once you have finished adjusting your settings, hold the dial in again for 5 seconds to save.
2. Short pull up: Increase values after enter into menu setting.
3. Short pull down: Decrease values after enter into menu setting.
4. Quick press inwards: Switch between clock, driving distance, driving time (enter into menu option, then press to adjust menu option)
5. Pull and hold down dial: turn alarm on or off.

HUD settings:

Since HUD receiving data from satellite, GPS data will be a little different to car dashboard data. You can enter into menu settings to make fine adjustments of the HUD in order to get the same data as dashboard. If you find there are differences with the the dashboard values, please make an adjustment as below:

Inward press of the wave button for 5 seconds:

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

Menu	Parameters	Adjustment range	Explanation	Default	Display State
0	Speed	50-150	Speed error: Up or down the wave button to adjust	100	
1	Speed alarm	30-250	Speed alarm when it reaches 120KM / H ,up or down the wave button to adjust the alarm values	112	

8	Restore to factory setting	0-1	Set to 1, vertically press the OK button for 5s, then return to the display interface.	0	
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Clock Adjustment:

Make sure your GMT setting matches your location (the default is GMT+10). According to your time zone, adjust HUD. Press the wave button for 5 seconds to enter into menu setting, then press it 6 times to menu 6. The parameter will show 10 (means GMT +10). Push or pull the wave button as required to adjust to the local GMT setting, then hold the button for 5 seconds to return to the previous page.

HUD adjustment Code	Region	GMT
0	United Kingdom, Iceland, Ireland, Portugal	UTC
1	Norway, Sweden, Denmark, Poland, Germany, France, Netherlands, Spain, Italy	GMT+1
2	Finland, Russia, Ukraine, Romania, Turkey, Israel, Egypt, South Africa	GMT+2
3	Saudi Arabia, Bahrain, Kenya, Iran, Belarus	GMT+3
4	Mauritius, United Arab Emirates, Afghanistan, Seychelles	GMT+4
5	Pakistan, Turkmenistan, Sri Lanka, India, Nepal	GMT+5
6	Bangladesh, Kazakhstan, Bhutan	GMT+6
7	Vietnam, Laos, Cambodia, Thailand, Indonesia	GMT+7
8	(The default time zone) China, Malaysia, Singapore, Philippines, Hong Kong, Taiwan, Macau	GMT+8
9	Japan, Korea	GMT+9
10	Australia, Guam	GMT+10
11	Solomon Islands, Vanuatu	GMT+11
12	New Zealand, Fiji	GMT+12
-1	Azores, Cape Verde	GMT-1
-2	Mid-Atlantic	GMT-2
-3	Brazil, Argentina, Uruguay, Chile	GMT-3
-4	Venezuela, Bolivia, Paraguay	GMT-4
-5	Canada, Panama, Cuba, New York	GMT-5
-6	Mexico	GMT-6

-7	Salt Lake City	GMT-7
-8	California, California, San Francisco	GMT-8
-9	East Alaska	GMT-9
-10	Hawaii	GMT-10
-11	Samoa, Midway	GMT-11
-12	Eniwetok Island	GMT-12

Restore to factory setting:

when HUD is power on, press and hold the wave button for 5 seconds to enter into the menu setting, then press it again to get to menu item 8. Push the wave button down to parameter 1, and then hold the wave button in for 5 seconds to save and exit back to the display interface.

Use and installation for reflection film:

Please Note: The HUD projects dashboard information onto the windscreen. Due to the construction of your windscreen, the HUD will likely make a double reflection on the windscreen. If this occurs, then please use the reflection film.

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

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.

working voltage	DC8-18-24V
Working current	40mA
sleeping current	15mA

Compass precision	±1°
Speed range	0-400KM
Real time precision	The same as satellite
HUD size	13cm*7.8cm*1.5m
12V car charger	1000mA, USB cable
HUD weight	115g

Solution for Common Problems

1. HUD screen without any display, and no power

Checking the car charger cable if it is tight, pull down the OBD cable repeatedly inserted several times, check the HUD switch if it powers on. If there still no display please try another car to test and analyze whether the car cigarette lighter interface is bad, if it is a bad cigarette lighter, please try to connect the cable line to the car battery.

2. No speed, HUD powers off after 20s or HUD can not be automatically power on or repeated power-off

When the start voltage is less than 13.2V, HUD cannot power on. Please start the engine, then hold the wave button in for 5 seconds to enter into setting menu, then press the wave button 7 times to menu 7. Push or pull the wave button up or down to adjust the voltage from 132 to 128, then HUD can power on.

3. HUD cannot be automatically power off after the car is turned off

HUD designed default voltage value is 13.2v. When voltage is above 13.2v it will auto power on, then when it is lower than 13.2v it will auto power off. If the HUD cannot automatically power off, please press the wave button in for 5 seconds to enter into menu setting, adjust it to menu 7, navigate to parameter 135 or higher. Please note the value shouldn't be too high in order to HUD cannot be automatically power on if it not reach the working voltage.

4. Inaccurate Speed

When HUD is power on, press the wave button 5 seconds to enter into the menu options. Here the menu option shows 0 and the parameter shows 107. Navigate the wave button up or down to increase or decrease the value according to the difference from your actual speed until it shows the correct one. After adjustment, press and hold the wave button for 5 seconds to save.

5. Over speed Alarm

The default value for over speed alarm is 120, users can choose to increase/decrease the value by themselves.

When HUD is power on, press in the wave button 5 seconds to enter into the menu

option, then press it once so that the time menu option shows 1, the parameter shows 120, which represents that the HUD will give an alarm when the car reaches 120. Pull or push the wave button to increase or decrease, then hold the button for 5 seconds to save.

6. See not clearly when HUD under the sunlight.

Check whether the HUD host protective film is torn, and please stick the reflection film in the gift box corresponding on the windscreen.

7. Wrong operation lead to crashes. Or inaccurate data

Do a factory reset.