

Head Up Display

User Manual

Thank you for purchasing our HUD. This product is for drivers' safety, especially in high-speed driving at night, HUD can keep driver eyes on the road and can decrease car accident. HUD can project the important information (such as speed) onto the windshield, it can help inexperienced novice to control their speed and to avoid speeding violation in the speed limit road. More importantly, it enables the driver instantly read the number in great vision and always make drivers eyes on the road in clear mind.

Our HUD can display many useful information, and allows you to experience the speed and also to ensure your driving safety and driving pleasure.

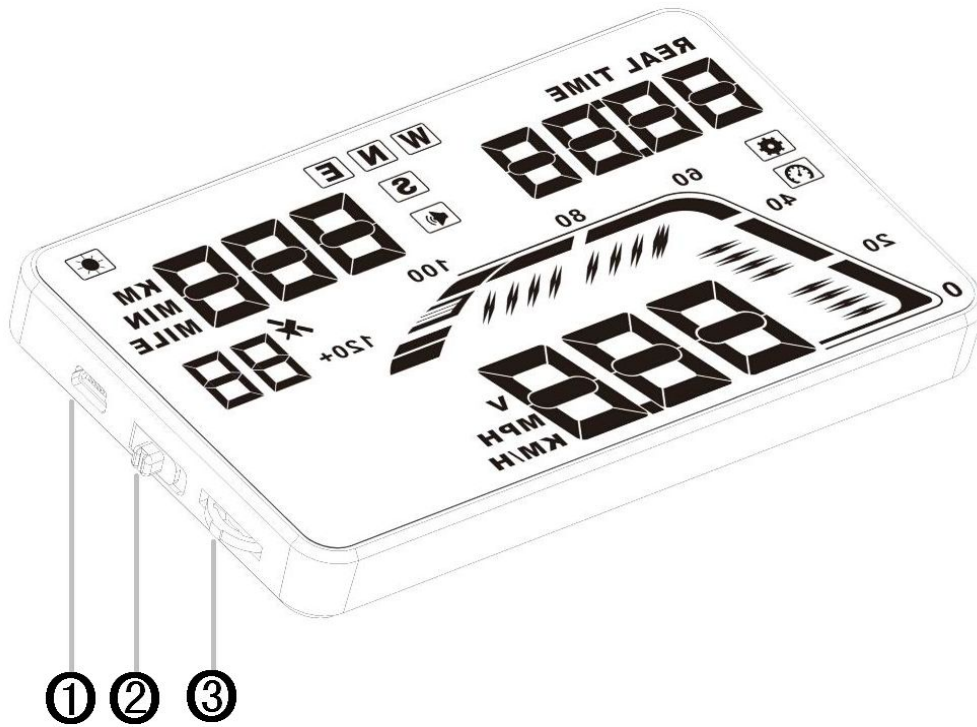
Our HUD uses the latest stable integrated circuits, all indexes are in line with the standards. And our HUD has unique and elegant shape, smooth lines, thin body.

Before you using our HUD, please read the instructions in detail.

HUD main features

1. Apply to all cars in the world. Plug and Play.
2. 5.5" screen and high-definition display
3. Multi-color design makes the screen more abundant and easier to read
4. The use of nano-technology to eliminate unwanted reflections and can make display information more sharper.
5. Display rich content: speed, driving direction, driving time, driving distance, real time, satellite number, altitude, speed alarm, free switching between kilometer and mile
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 Button function



1. USB interface, to contact the vehicle OBD interface.
2. Button for power on and off
3. Wave button: Up button (turning the button to upside),OK button(pressing the button vertically),Down button (turning the button to downside)

HUD display information



- 1 : real time icon
- 2 : display driving time and altitude
- 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

Put HUD on non-slip mat and then place on the dashboard. Connect one side of USB cable with HUD interface and connect the other side of USB cable to the car cigarette lighter. Then start the engine, LED will light, satellite icon will flash and HUD will search the satellite signal, HUD will work.

Reflection film installation

Please Note: HUD project the display information on the car front windscreen ,

because the windscreen is double, which will make double image on the windscreen when display. The double image of car will be different. If you can see clear the display 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 supplied non-slip mats in front of the dashboard, and then put the HUD on it.

Second, please stick the reflection film on the windscreen.

The reflecting film should be pasted right above the host machine and it should be able to reflect the whole display screen.

Methods of pasting the film:

1. Spray some water on the place that the film will be pasted on, and then use a dry towel to clean it;
2. Tear off the back side (marked 1) of reflection film, then paste it to the right place.
3. After you have adjusted the location well, 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. Tear off the front side (marked 2) of the reflection film. If the film cannot display the whole information, please adjust the non-slip mat.

Time adjustment

Please confirm the timezone of your country for the first time using. (the default timezone is GMT+8). When connect HUD and power on, long press the wave button vertically for 5s to enter into the setting menu. Then short press 6 times, the menu display number 6, and the parameter display 8, upside or downside the wave button to adjust to your country timezone, long time the wave button for 5s to back to the display interface.

HUD display number	country	timezone
0	England, Ireland, Iceland, Portugal	GMT
1	Norway, Sweden, Denmark, Poland, Germany, France, the Netherlands, Spain, Italy	GMT+1
2	Finland, Belarus, Ukraine, Romania, Turkey, Israel, Egypt, South Africa	GMT+2
3	Russia, Saudi Arabia, Bahrain, Kenya, Iran	GMT+3
4	Mauritius, United Arab Emirates, Afghanistan, Seychelles	GMT+4
5	Mauritius, United Arab Emirates, Afghanistan, Seychelles and Pakistan, Turkmenistan, Sri Lanka, India	GMT+5
6	Bangladesh, Kazakhstan, Bhutan, Nepal	GMT+6

7	Vietnam, Laos, Cambodia, Thailand, Indonesia	GMT+7
8	China, Malaysia, Singapore, Philippines, Hong Kong, Taiwan, Macau	GMT+8
9	Japan, South Korea	GMT+9
10	Australia, Guam	GMT+10
11	Solomon Islands, Vanuatu	GMT+11
12	New Zealand, Fiji	GMT+12
13	Azores	GMT-1
14	Mid-Atlantic, Cape Verde	GMT-2
15	Brazil, Argentina, Uruguay	GMT-3
16	Venezuela, Bolivia, Paraguay, intelligence	GMT-4
17	Canada, Panama, Cuba, New York	GMT-5
18	Mexico	GMT-6
19	Salt Lake City	GMT-7
20	California, San Francisco, CA	GMT-8
21	East Alaska	GMT-9
22	Hawaii	GMT-10
23	Samoa, Midway	GMT-11

HUD setting

HUD display information is from satellite GPS , because when producing car, there is a difference between vehicle dashboard and satellite GPS calculated value , then you can enter the setup mode to fine-tune the HUD display value, in order to achieve exactly the same value as dashboard. We have adjusted HUD according to the general test values at the factory, if you find HUD display information is different from dashboard,then make the following adjustments:

1.Long press the wave button vertically for 5s

Please enter into the setting mode,there are three button for wave button: Up button (turning the button to upside),OK button(pressing the button vertically),Down button (turning the button to downside) , after enter into the setting mode, press the OK button vertically one time, the menu will increase one. Turning the upside button or downside button to increase or decrease the parameter. After finish the adjustment, Long press the wave button vertically for 5s to return to the display interface.

Enter to the setting mode:

0.speed adjustment(50-150)



1.speed alarm(50-500)



2 .brightness adjustment(0-2)



3.speed unit(0-2)



4. function switch(0-2)



5.time and altitude switch(0-2)



6.timezone(1-23)



7.power on valtage(110)



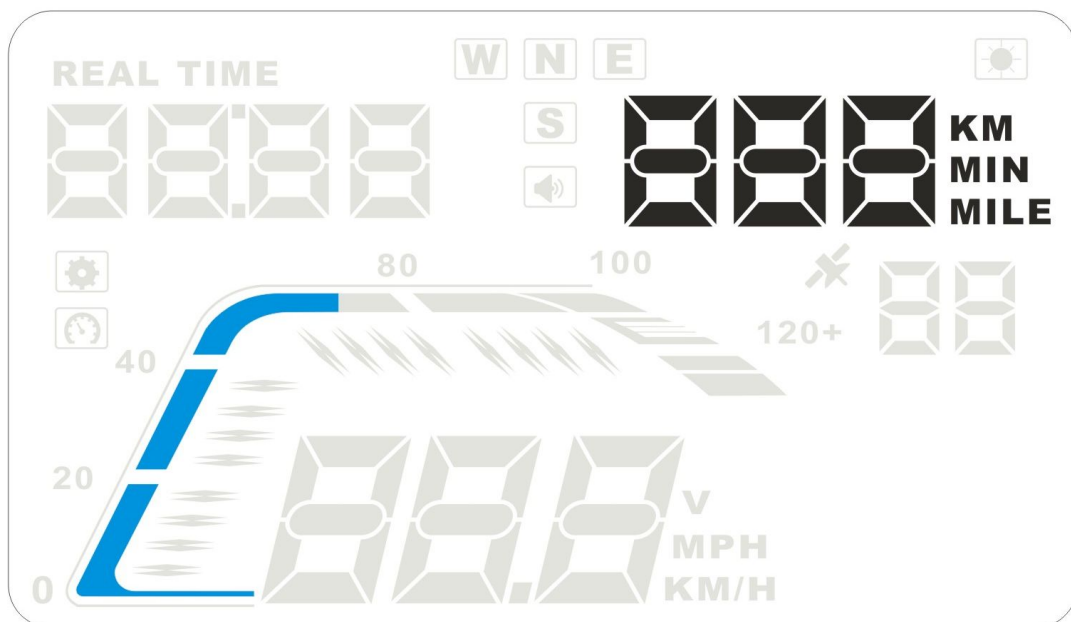
8. restore to factory setting(0-1)



The parameter is as below:

Menu	Parameters	Adjustment range	Explanation	Default
0	Speed	50-150	Adjustment range 50%-150%	107
1	Speed alarm	50-5000	Adjustment range 50%-150%	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, 1 is Mile,2 is voltage	0
4	Function switch	0-2	0 is KM,1 is driving time,2 is Mile	0
5	Driving time and altitude switch	0-1	0 is driving time,1 is altitude	0
6	timezone	0-23	0-23 timezone	8
7	Start reference voltage	110-150	This is the auto power on and off voltage of HUD, and no need to set	132
8	Restore to factory setting	0-1	Set to 1, vertically press the OK button for 5s, then return to the display interface.	0

2.Vertically short press the OK button:



Switch the display information,e.g. KM, driving time(MIN),Mile

3.Downside turn the wave button for 5s,the alarm buzzer icon will off, and downside turn the wave button for 5s again, the alarm buzzer icon will on.

4. Restore to factory setting: when HUD is power on, long press the wave button vertically for 5s to enter into the menu setting, short press to mean 8, and downside the wave button to parameter 1, and press the wave button for 5s to back to the display interface.

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: 1m
HUD weight	115g