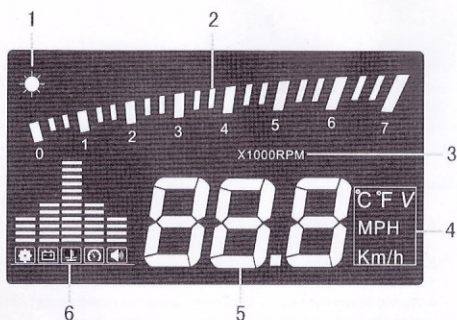


HUD display information



1. Light sensors: brightness can be changed with the change of the outside brightness.
2. Rotation speed: indicates the rotating status of the engine and the scale measured represents the speed reached.
3. Rotation speed unit: indicates the rotating status of the engine, 1 means 1000/min
4. Unit mark: °C-degree centigrade, °F-Fahrenheit, V-voltage, MPH-Mile per hour, KM/H-kilometer per hour
5. Multi-function display: speed, voltage, water temperature.
6. Alarm mark: low voltage alarm, high temperature alarm, speed alarm

HUD installation

1. Know the type of your vehicle. When purchasing HUD, you need to choose the type of vehicle that meets the OBDII standards (or EU OBD) for normal use. Open the engine hood and find the sticker below it (see the below picture 1), if it has words like OBDII CERTIFIED, then it can be installed.
2. Find out the 16 pin diagnostic link (see the below picture 2) of the vehicle and connect it well with OBDII connecting line.



Picture 1



Picture 2

HUD Button function

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Common Problems and Solutions

1. HUD do not display ,Without power

Reason: Start the car engine, and check if the OBD cable is connected tightly or not, try several times, check whether HUD master switch is on. If HUD still not display, please try another car, analyze whether the car OBD interface is broken. If the broken OBD interface, suggest that fix OBD interface first and then connect HUD again, HUD should work.

2. With power, but only show car voltage, and auto-off after 30 seconds.

Reason: HUD work only for OBDII and EOBD interface.

Car model year (US Cars after 2003 years, other region Cars after 2007 years, only these cars start using OBDII or EOBD), HUD don't work for OBDI and JOBD. So pls change a OBDII car to use.

3. Read not clearly under sunlight , has double image.

Solution: Check whether the HUD host surface protective film is torn, and please stick the reflection film in the gift box corresponding on the windscreen. Or vertical press in 5 seconds to enter into menu setting when HUD is power on, short press 4 times to menu 4, adjust the parameter to 2, vertical press in 5 seconds to save.

4. wrong operation lead to crashes. Or inaccurate datas

Do a reset setting.

5. Inaccurate Speed

When HUD is power on, vertical press the wave button 5 seconds to enter into the menu options, here menu option shows 0, parameter shows 107, up or down the wave button to increase or decrease the value according to the difference until it shows correct one. After adjustment, vertical press in 5 seconds to save it.

6. HUD cannot power off on cars with ASS function (Automatic start/stop system)

Find last menu, then adjust the default value to 2, then HUD can power off.

7. Over Speed Alarm

Solution: Default over speed is 150, if you wanna adjust bigger or smaller. Switch on HUD, long press vertically the wave button for 5 seconds to Menu, short press vertically to menu 3, default Parameter Value is 150, this mean HUD will alarm when your speed up to 150, then you could up or down the wave button to increase

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HUD setting

HUD display information is from ECU, because when producing car, there is a difference between vehicle dashboard and ECU, 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:

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.

The parameter is as below:

Menu	Parameters	Adjustment range	Explanation	Default	Setting menu
0	speed	50-150	When the speed is not the same as speedometer, pls adjust the speed default value	107	
1	Rotating speed	50-150	When the RPM is not the same as speedometer, pls adjust the RPM default value	117	
2	Rotating speed alarm	0-75	When RPM over 5000, hud will give RPM alarm	50	

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3	Speed alarm	30-500	When speed over 150, hud will give speed alarm	150	
4	Brightness adjustment	0-2	0 is automatic adjustment, 1 is the darkest, 2 is the brightest	0	
5	Speed unit	1-2	1 is KM, 2 is MPH	1	
6	Water temperature unit	1-2	1 is °C, 2 is °F	1	
7	Power on voltage	11.0-15.0	HUD will automatically turn on when voltage is above 13.2V, and HUD automatically turns off when voltage is below 13.2V	13.2	
01234567	Demo Mode	0-2	0=Normal state, 1=Demo state, 2=Power off override (use this setting if HUD remains on after engine is shut off)	0	

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

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or decrease the value, After finish adjustment, exist by long press vertically wave button for 5 seconds.

8. How to make a re-factory set up

Scroll to "L" and leave for 5 seconds, all the LED lights will turn on.

Repeat the action and leave for another 5 seconds, All settings will now be reset to factory default.

Other Common Questions

Q 1: Why HUD display vehicle speed would smaller than dashboard?

A1: Consider the safety of drivers, the car factory made some process on speed. Usually dashboard speed will faster 2-6 yards than HUD display. In this time, you could make an adjustment on set up menu 0 until HUD display speed are same with dashboard. This is why the reason some cars on 120 on highway but the camera do not show they over speed.

Q 2: Could HUD auto-on or off? Could HUD turn on or off by manual?

A 2: Yes, HUD could auto-on or off. Usually HUD auto-off after shut down cars for 30 seconds. HUD auto-on after start engine for 5 seconds. HUD with power switch itself, so HUD could turn on or off by manual. We suggest that you could turn off HUD by manual if you don't drive for a long time.

Q 3: How to enter set up

A 3: Plug OBD cable -> Press switch and release after 5 seconds -> showing big 107 and small 0 -> big 107 means default set-up parameter, small 0 means the menu 0—press in once, you will enter into menu 1, the default value will be 117,—recycling press to choose the parameter

HUD default menu and its corresponding parameter:

0-(107) 1-(117) 2-(50) 3-(150) 4-(0) 5-(1) 6-(1) 7-(13.2) 01234567-(0)

Q 4: Explain about Parameter Value of Speed and Rotation Speed

A 4: HUD default speed is 107, it's represent 107%. HUD works by reading sensor data from the vehicle interior ECU computer, while car dashboard generally direct access to sensor data, dashboard information display by simulation, it would allow to exist some difference. Referring to the difference, date from ECU, multiplied by 107%, then you check HUD display, they are basically the same.

If you adjust speed to 100, HUD will display same date with ECU, but different from dashboard.

Similarly, Rotation speed are same

User manual for Head Up Display

HUD short for Head Up Display. It displays driving data on the front windshield such as speed, RPM, water temperature, voltage on the car front window glass, avoiding drivers unsafety because of watching the instrument while driving. Drivers can read the driving information instantly, and can always keep the best state on the way with HUD.

HUD main features

1. Automatic adaptation car models, and can apply for cars in line with OBD II or EUOBD (onboard automatic diagnostic system). Plug and Play.
2. Screen 3.5" 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, engine speed, water temperature, battery voltage, low voltage alarm, high temperature alarm, speed alarm, free switching between kilometer and mile, free switching between °C and °F.
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.

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 on the window glass.
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.

Technical parameter:

Environment temperature: -40 °C—+80 °C

Barometric press: 86-106 KPa

Relative humidity: 10%-95%

Environment voice: <=60 dB

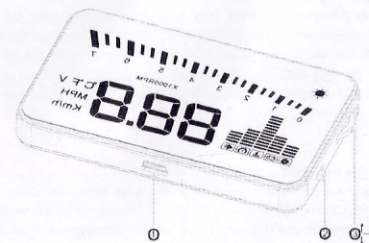
Alarm of sound level: >=30 dB(A)

Work voltage: 9V~16Vdc (12Vdc/400mA)

Size of product: 9*5.4*1.2 (cm)

Weight of product: 40g

Problem	Possible reason	The way to solve
No speed alarm	the function is closed	open the switch of alarm
No rotating speed	The setting value is too high or the function is closed	Resetting and opening the switch of alarm
No display after starting	The switch is not opened	Opening the switch and check the plug
No speed and engine speed display	Not conform to OBDII or EU-OBD port	Contacting with auto manufacturer
Speed is inaccurate	The unit of speed is MPH	Switching the unit of speed to KM/H



1. OBDII interface, to connect 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)

Vertically short press the OK button:

Switch the display information, e.g. water temperature, battery voltage, speed

Alarm Buzzer on/off

Scroll to "R" and leave for 5 seconds, the alarm buzzer icon will off, and do it again, the alarm buzzer icon will on.

Reset setting:

Scroll to "L" and leave for 5 seconds, all the LED lights will turn on.

Repeat the action and leave for another 5 seconds, All settings will now be reset to factory default.