

NEXTECH

GPS Speedometer Head Up Display with OBDII Data

HUD short for Head Up Display. displaying information on your windshield such as speed, RPM, coolant temperature and voltage. By displaying important information on your windscreen, you do not need to look down to check your speed.

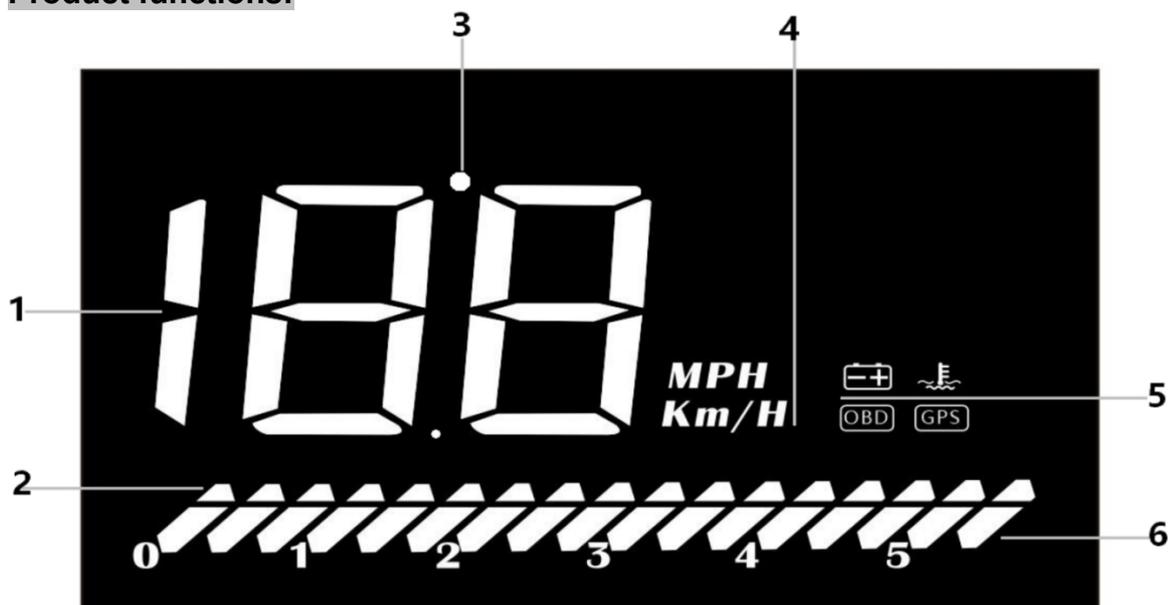
Caution:

OBD mode working voltage: 11V~18VDC (12vdc/200ma), when voltage is higher than 18VDC, please use the USB cable and ensure the unit is in GPS mode.

First Use: This product is a dual system (OBD+GPS): push left on the wave button to choose OBD or GPS system, if the wave button is not pressed, after 5 seconds, HUD will automatically enter into GPS mode.

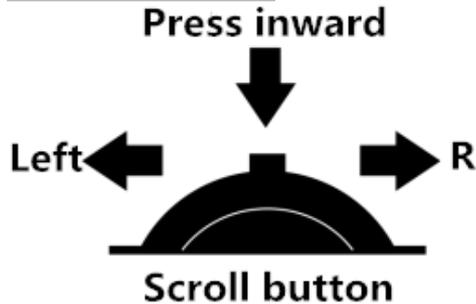
Second Use: When HUD starts, if there is not button pushed within 5 seconds, the HUD will start with the last known settings

Product functions:



1. Multiple functions: Speed, water temperature, voltage, satellite numbers, driving distance
2. Decorative lights: all LED's are on, you can turn off with the wave button.
3. Light sensor: HUD can automatically adjust the brightness according to the environment
4. Speed unit: KM/H=kilometer/hour, MPH=Mile/hour
5. Unit icons: V=battery voltage, C=Celsius, F=Fahrenheit, OBD system, GPS system
6. RPM icon: It is engine speed in OBD mode, and speed progress bar in GPS mode.

Button functions:



When button face to windshield

1. Push left: (1) switch between OBD and GPS system within 5 seconds after power on, (2) when entering into the settings menu, push left to increase the parameter.
2. Push right: (1) switch display mode (standard mode, simple mode and high speed mode) (2) when entering into the setting menu, push left can decrease the parameter.
3. Press inward: switch voltage, water temperature, speed, satellite numbers; return to the main screen after entering into menu setting.
4. Push left(5s): Alarm turn on and off, one more time to turn on the buzzer.
5. Push right(5s): All LED on; eliminate the fault code, do it again to return to the main page.
6. Press inward(5s): Enter into settings (1-11 settings, more details please refer to the menu table), long press in 5 seconds to save and exit your settings.

System choice:

OBD System (available for cars with OBD2 interface)

Vehicle speed, engine RPM, water temperature, driving distance, battery voltage, engine RPM icon, decoration icon

GPS System (universal for cars, buses, trucks)

Vehicle speed, battery voltage, satellite numbers, speed icon, decoration icon

Please switch to GPS system when OBD doesn't work(re-start the power)

Restore setting:

Vertical long press the scroll button until all LED lights are on, release the button.

Fault code clear:

When HUD is turning on, push the scroll right(5s) till all LED lights are on; repeat to return to the main page

Turn off/on the buzzer

Pull left the setting button for 5 seconds, listen for an audible sound, to turn off the buzzer, do it again to turn on.

HUD setting

Please kindly watch the reflection on windshield to ensure correct operation. Vertical long press in the setting button for 5s to enter the menu setting, menu is 1. Push right or left to select the correct menu option. (1-11); vertical press inward to enter into parameter, push right or left to adjust parameters, press inward again to return to the main page; press inward for 5 seconds to save your adjustment.

Menu	Functions	Range	Explanation	Default
1.	Speed	50-150	When the Speed is not the same as dashboard:left or right the setting button to adjust	107
2.	RPM alarm	10-75	HUD will give the alarm when the RPM reach to 5000 r(50=5000r),the default alarm can be changed	75
3.	4-stages alarm	0-1	0=alarm off 1=alarm on(alarm icon will light up when speed at 60,80,100,120KM/H)	0
4.	Over-speed alarm	30-199	alarm icon will light up when speed at 150KM/H)	150
5.	Display mode	0-2	0=high-speed mode(when speed > 80km/h,HUD will show speed only) 1=displays all information 2=displays speed only	1
6.	Brightness	0-11	0=automatic brightness 1=darkest 11=brightest	0
7.	Speed unit	0-1	0=KM 1=MPH	0
8.	Temperature unit	0-1	0=°C 1=°F	0
9.	Starting voltage	0-15.0	If HUD cannot auto turn off,change the voltage at 132(means 13.2V)	0
10.	Shutdown time	20-199	The default shutdown time is 20s,if your car is gas-electric hybrid or start-stop system,please delay the shutdown time(e.g. 180s),then the HUD will be turned off	20
11.	Restore setting	0-1	Please set the parameter to 1(push the button right to make an adjustment,then press inward 5s to save your setting).	0

Please note: please manually turn off the HUD, when you will not be using your car for extended periods of time. As OBD devices have a standby current, it is recommended that you unplug the HUD when not using your car for extended periods of time.

OBD Troubleshooting:

1.No Display and no power

Ensure the OBD cable is connected correctly. If still no power, test device in another car.

2.HUD powers on, shows car voltage and then powers off.

HUD is designed to work with OBD2 and EU-OBD. If your car does not support either protocol, then switch to GPS mode.

3.Inaccurate Speed

- a. Check that you have set the speed unit correctly. (KM/H or MPH)
- b. When HUD is powered on, vertical press the setting button for 5 seconds to enter menu 1 and the parameter shows 107. Push left or right to adjust the setting to increase or decrease the value until the speed readout is accurate. After adjustment, long press for 5 seconds.

4.HUD will automatically restart

Find menu 9, adjust the parameter value to 13.6-13.8

Technical Parameters

- 1.Terms of Use:Environment temperature:-40C— +80C Barometric press: 86-106KPa
Relative humidity:10%-95% Environment voice:<=60dB
- 2.Work voltage:11V~18Vdc(12Vdc/200mA)
- 3.Standby current:<=20mA
- 4.Display way:Image reflective
- 5.Display channel :LED Display

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