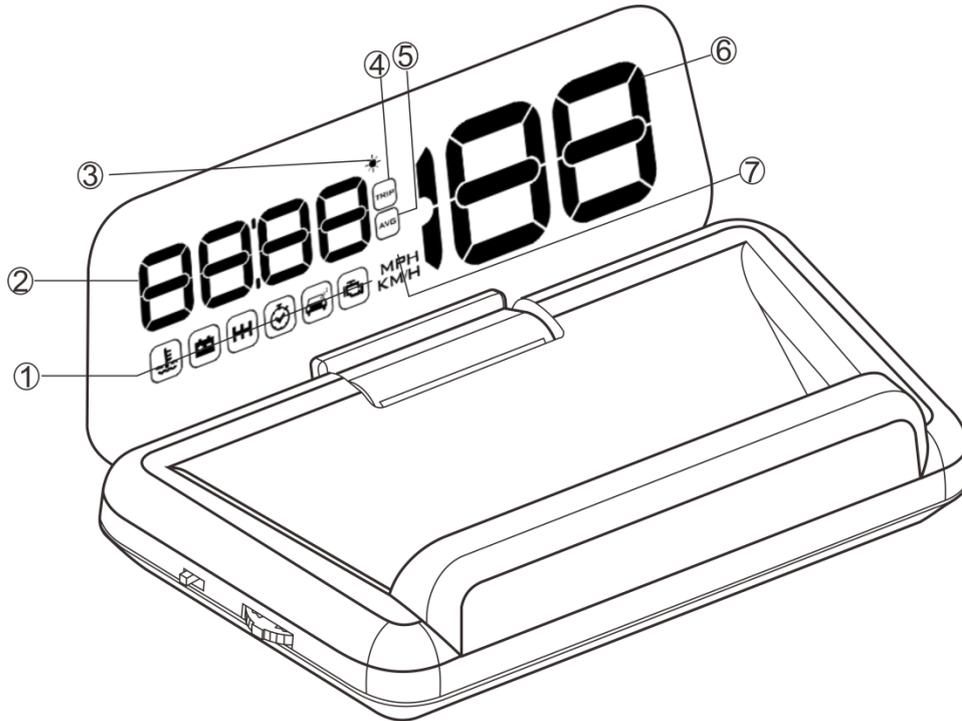


# Car HUD Head Up Display

## Model C500

### Functions



1.Alarm Icon: High water temperature / Low voltage alarm / shift reminder / over speed alarm / Fatigue driving / Engine Error

2.Multi-functions display: RPM / Voltage / driving distance /clock / water temperature / fuel consumption

3.Light sensor:HUD can automatically adjust the brightness according to the environment

4.Mileage unit:TRIP means the driving distance from engine start to off

5.Fuel consumption unit: unit of Average fuel consumption per hundred kilometers / instantaneous fuel consumption =AVG

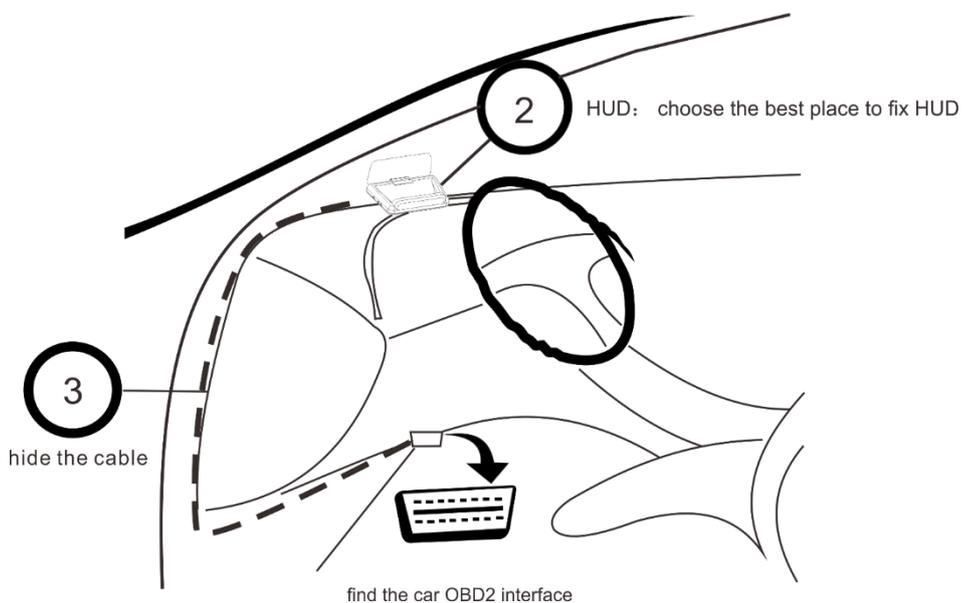
6.Speed:digital display the vehicle driving speed

7.Speed unit :KM/H=kilometer/hour, MPH=Mile/hour

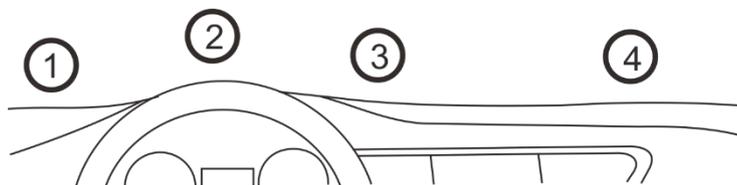
### 3 steps for installation

steps as below

- 1.find out the OBD interface in vehicle
- 2.put the HUD on the dashboard
- 3.hide the OBD cable according to the seam



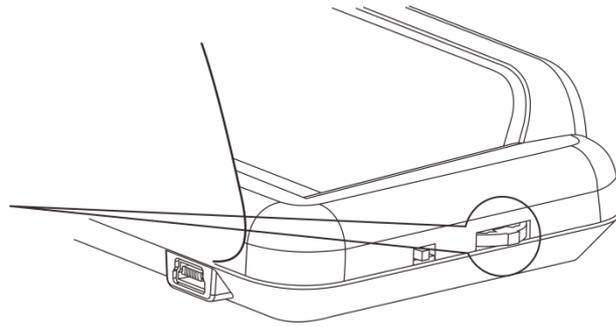
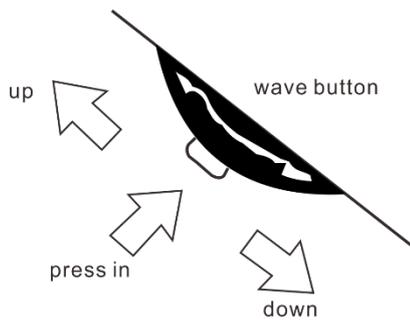
### HUD recommendation place



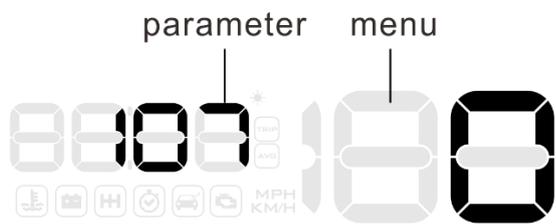
### Entering the menu setting mode

Note:When the HUD datas is different with dashboard datas,please adjust the HUD menu.

- 1.Please confirm that the HUD has been connected to the car OBD2 interface well and HUD is normally working.
- 2.Find out the HUD setting wave button



3. Long press in the button to enter into the setting mode, and do it again to save & exit  
 When in the setting mode, HUD display below



Explanation: There are 14 menu options, once entering into the menu mode, short pressing in the button will enter into next menu, up or down the button to increase or decrease the default parameter.

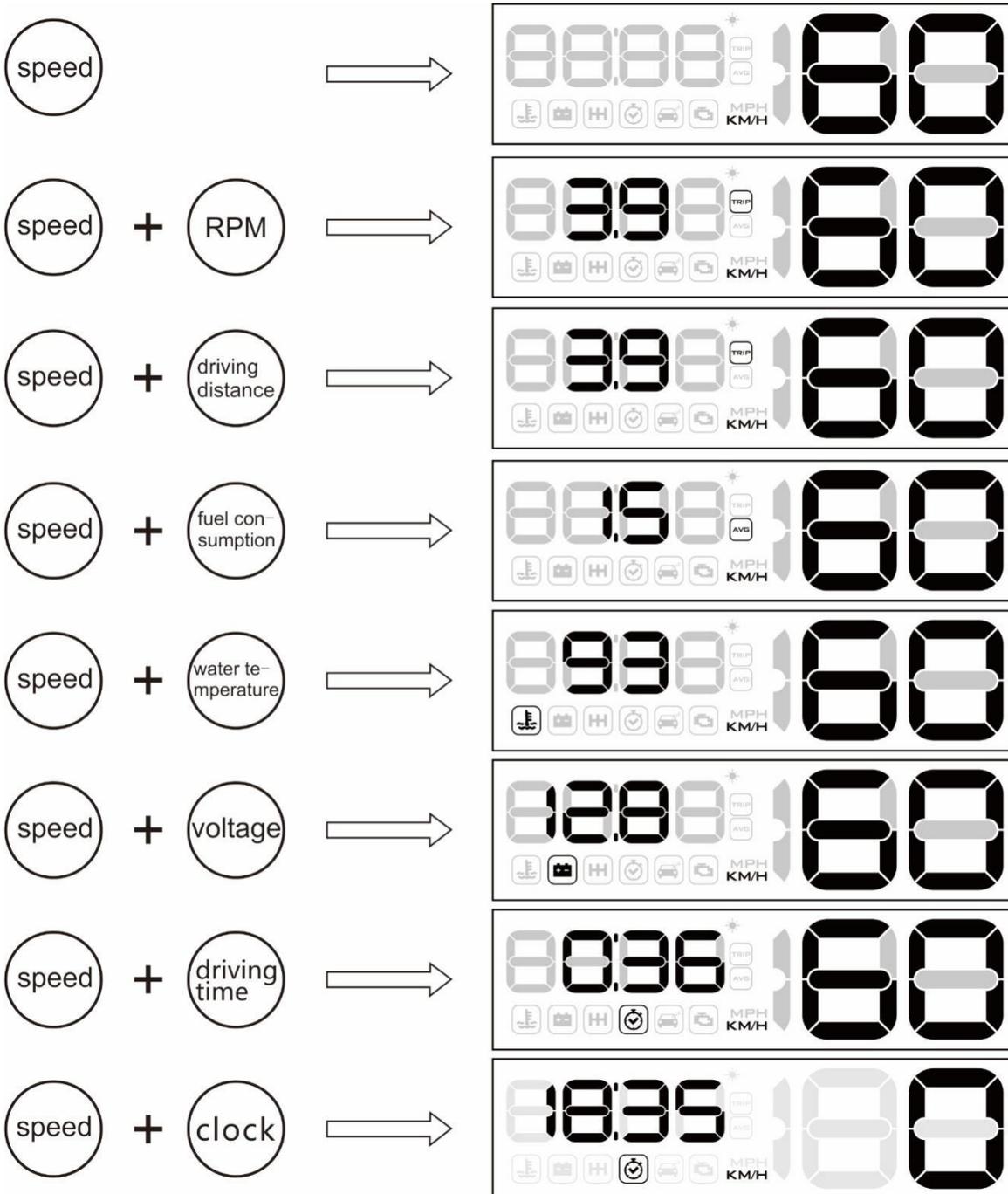
### Quick Setup

When start the engine, HUD will display, then the user can use the quick setup way to adjust the HUD

Switch the multi functions

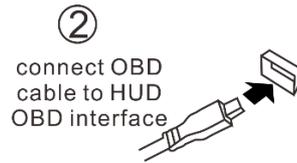
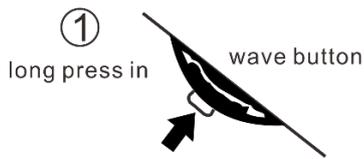
Short Push up the button, will only display speed.

Short Push in the button can switch the functions



**Quick to do factory reset**

When HUD is off, long push in the setting button, and at the same time, plug the USB port to the HUD device



### Turn on / off buzzer:

when HUD in normal display, push down the button for 5 seconds to turn off the buzzer, do it again to turn on buzzer

### Menu setting Mode Explanation

How to enter into the menu mode?

When HUD is working, long press in the setting button, Then HUD will show as below:

**Menu Parameter table**

Menu No.	Functions	Screen display	Explanation
0	Speed		If HUD display speed value is different from dashboard, up or down the wave button to adjust, adjust range(50-150)
1	RPM		If HUD display RPM value is different from dashboard, up or down the wave button to adjust, adjust range(50-150)
2	Fuel consumption		If the HUD fuel is different as dashboard, up or down the wave button to adjust, adjust range(50-150)
3	RPM Alarm		When RPM over 5000, HUD will give alarm, up or down the wave button to adjust, adjust range(1000-7500)
4	Shit reminder		When RPM over 5000, HUD will give alarm, up or down the wave button to adjust, adjust range(1000-7500)
5	Four-stage speed alarm		0=turn off the four-stage alarm 1 =turn on the four-stage alarm (60KM/H,80KM/H,100KM/H,120KM/H),s speed alarm shows up when it reaches to above four speed
6	Single-stage Speed alarm		The default over speed alarm is 150 KM/H, adjust range (30-250)

7	Display mode		0=automatic mode: when speed below 80km/h, hud show all information,and when speed over 80km/h,hud only display speed) 1= always display all information 2=only display speed
8	Brightness adjustment		0=automatic adjustment, 1-11 the brightness will be increased as the No. added
9	Speed unit		0=KM/H 1=MPH
10	Water temperature		0=water temperature, 1= °C 2 = °F
11	Driving distance unit		0=KM 1=Mile
12	Starting voltage		If this HUD cannot automatically turn off, adjust it to 13.2, then HUD will auto off after 3 minutes adjust range (0.0-15.0)
13	Factory reset		Set to 1,vertically press the setting button for 5s, then return to the display interface

## Troubleshooting

### 1.The screen without any display,and no power

Start the car engine;check if the OBD cable line is tight;please pull down the OBD cables more times to ensure;check if product power switch turns on. If still no display ,please change another car to test, analyze whether the car OBD diagnostic interface is good, if it is not good,please repair it and try again.

**2.Only shows voltage and be automatic power off after 60 second when the device is with power**  
this product just available for cars with OBD2 agreement and EU-OBd agreement(European region: after 03 years, Other region:after 07 years)

This Products donnot support JOBD and OBDI and recommended test for another car.

### 3.See not clearly when HUD under the sunlight

When HUD is power on,vertical press in the wave button 5 seconds to enter into menu option,short press 8 times to menu 8, adjust the default from 0 to 11 (11 is the brightest) ,and vertical press 5

seconds to save.

#### **4.Wrong operation lead to crashes or inaccurate datas**

Do a reset setting.

When HUD is power on,vertical press in the button for 5 seconds to enter into the menu option,short press several times to the menu 13,adjust the parameter to 1,vertical press in 5 seconds to save.

#### **5.Inaccurate Speed**

a.First check the speed unit is correct or not, the speed unit including KM/H and MPH, menu 9 can adjust the speed unit

b.When HUD is power on,vertical press the wave button 5 seconds to enter into the menu options, and find menu 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.Inaccurate RPM**

When HUD is power on,vertical press the wave button 5 seconds to enter into the menu 1, parameter shows 100,up or down the wave button to increase or decrease the value. After adjustment, vertical press in 5 seconds to save it.

#### **7.Inaccurate fuel consumption**

The unit for fuel consumption is L/100KM, HUD display is the single driving fuel consumption, while car display is Integrated average driving fuel consumption, so it is normal if there are difference.

HUD display three kinds of fuel consumption

a.Idle mode: HUD display Instantaneous fuel consumption per hour (L/H), it means HUD can figure out how much oil the car will consumed when start engine after one hour

b. Driving mode: HUD display Instantaneous fuel consumption of 100KM

c. Finish driving: HUD display is average fuel consumption of 100KM, when turn off the car, HUD will auto turn off in 10s

When HUD is power on,vertical press the wave button 5 seconds to enter into menu option, find menu 2 ,the parameter shows 100,up or down to adjust.

#### **8.HUD cannot be automatically power off in cars with Start Stop function or when turn off the car, HUD speed and RPM is not 0**

1. If the car is with Start Stop function, find menu 12, adjust the parameter to 13.2 (when car voltage is less than 13.2V, HUD will turn off automatically in 3 minutes)

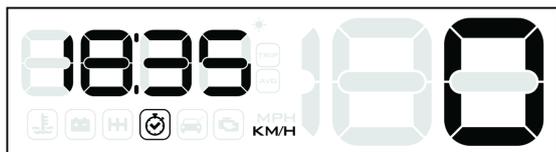
2. If HUD turn off during driving, find menu 12, adjust the parameter to 12.6 or 12.8

3. If HUD restart after turn off, find menu 12, adjust the parameter to 13.6

#### **9. How to adjust the clock?**

When HUD is in the normal display mode, short press in to find clock, long push up the button the clock will flash, short push up to adjust the minutes, short press in can adjust the hours,

after finish adjust the clock, long press in 5s to save and exit.



### Technical Parameters

- 1.Environment temperature: - 40 0C— +80 0C  
Barometric press: 86-106KPa  
Relative humidity:10%-95%  
Environment voice:<=60dB
- 2.Work voltage:11V~18Vdc(12Vdc/200mA)
- 3.Sleep current:<=30mA
- 4.Product size:fold 135X68X30 mm,full size:135x68x56mm
- 5.Projector image size:90x20mm
- 6.Display way:projector
- 7.Display channel :LED Display
- 8.Reflector transmittance: 96%
9. Virtual image distance: 55 mm
- 10: Left and right angle view: 60°
11. downwards angle view: 15°