

OBD multi function LCD F11

user 's manual

Before using this product, please read the manual carefully, fully understand and play all the functions of the product. So that you can experience the speed at the same time to ensure their own driving fun and safety

Product Description

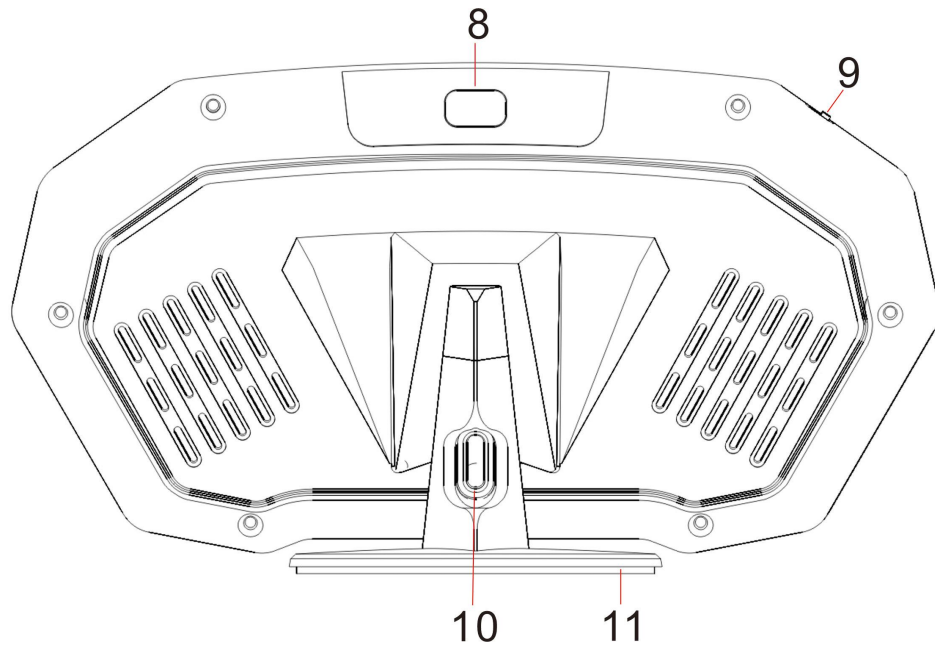
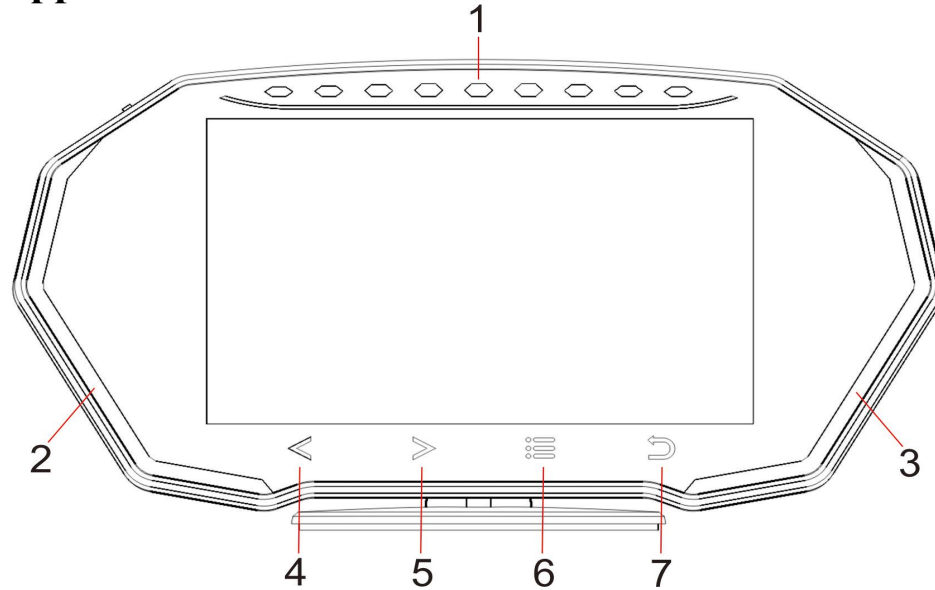
Thank you for purchasing the automobile OBD multi-function LCD monitor produced by our company. This product reads the driving data of the vehicle through the OBD2 platform of the car ECU computer, such as vehicle speed, rotation speed, fuel consumption, water temperature, voltage, etc., and instantly reads the driving information under the condition that the wide field of view does not shift during the car driving, so as to prevent the driver from being Looking down at the instrument during driving affects safety, this product does not rewrite any data in the ECU.

The OBD general-purpose driving computer is equipped with a very powerful fault detection device. The system clearly displays the fault information in the form of text, and has the function of eliminating the fault, and reading the whole vehicle data flow information display, and so on.

It adopts the latest integrated circuit design with stable performance, beautiful appearance, more convenient and safe installation method, installation and adjustment test can be completed in 3 minutes.



● Appearance of instrument



Description of each component:

1. Speed light
2. Left Ambient Light
3. Right ambient light
4. Touch the left button
5. Touch the right button
6. Touch the settings key
7. Touch the return key
8. Automatic photosensitive window
9. Power switch key
10. Power interface
11. Base fixing bracket

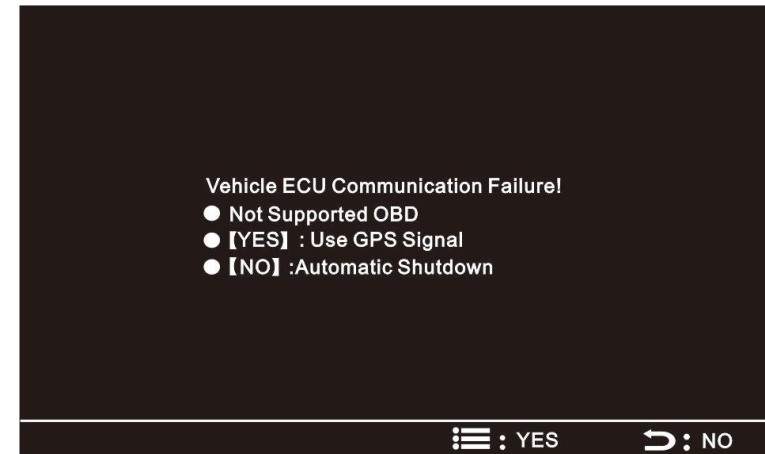
● Instrument installation

1. Before installation, you need to prepare LCD meter, OBD cable, and fixing bracket
2. Install the bracket first, then find the car OBD interface and plug in the OBD cable, the other end is connected to the instrument
3. Start the vehicle engine and turn on the power switch of the machine.
4. The instrument is powered on and displays the boot screen and starts to scan the protocol. The whole process is about 1 minute. After completion, it will automatically enter the main interface and the installation is complete.



Boot screen

5. If your car does not support OBD II protocol, the following screen will appear and make system selection



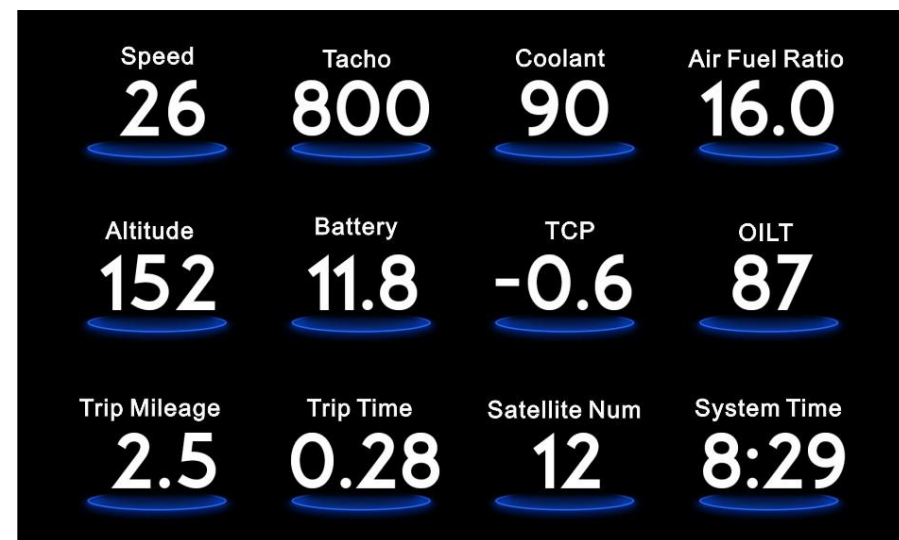
● Normal use

In the normal working state of the machine, you can switch the display interface by touching the left key <, right key >, there are 5 interfaces in total, and the default is interface 1.





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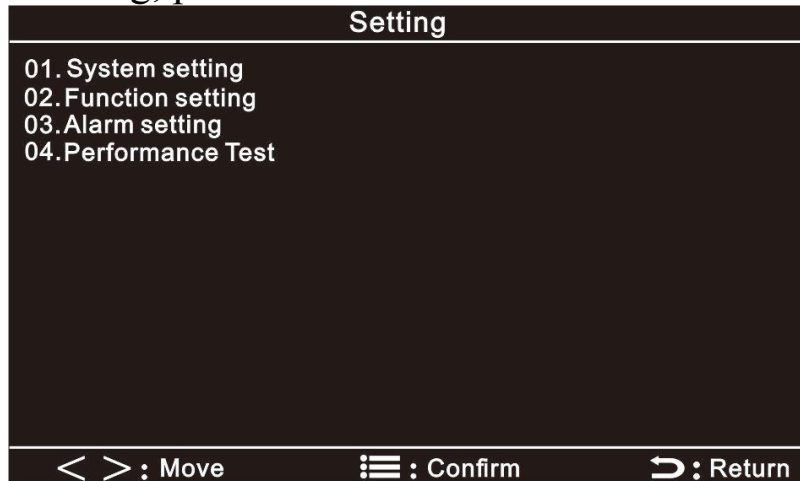


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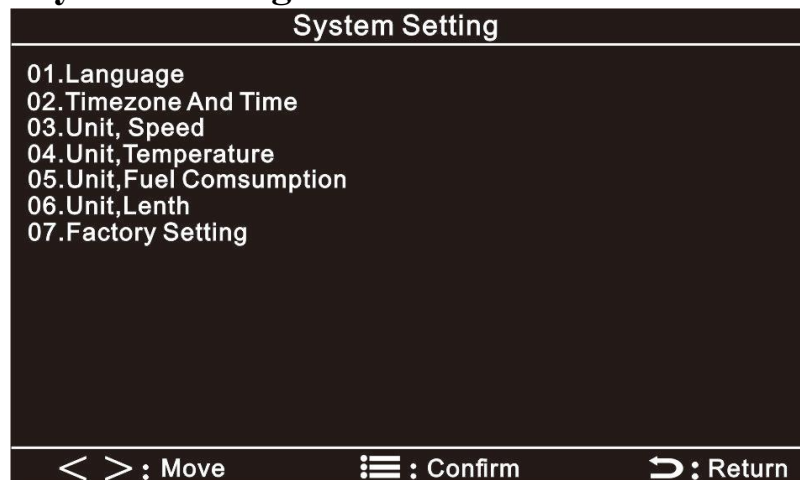
● Product settings

In the normal working state of the machine, touch the “” key to enter the main setting menu.

You can touch the left key <, right key> to the item that needs to be set, and press “” to enter the setting. After setting, press “” to exit and save



1. System settings



- 01. Language: select system language
- 02. Time zone and current time: set the time zone of the current area
- 03. Vehicle speed unit: kilometers in Km/h, miles in MPH
- 04. Temperature unit: Celsius °C, Fahrenheit °F
- 05. Fuel consumption unit: international metric system L/100KM, American system MPG, British system MPG
- 06. Length unit: KM, Mile
- 07. Factory setting: restore to the factory default value

2. Function setting



- 01. Turn off and on the ambient light, change the color of the ambient light (7 colors are available in total)
- 02. Turn off and on the speed light, change the color of the speed light (a total of 7 colors are available)
- 03. Display brightness: set the screen backlight and ambient light brightness, 01 is automatic sensitivity adjustment, 2-21 is fixed brightness.
- 04. Vehicle speed coefficient (default value: 100)



If the vehicle speed displayed by the machine is inconsistent with the dashboard, you can adjust this parameter calibration. If the machine speed displays 100Km/h, and the car dashboard displays 98Km/h, set the value to 98. On the contrary, increase it.

05. Fuel consumption factor: (default value: 331)

Simple setting: The fuel consumption of different displacement vehicles is different, and the corresponding real-time fuel consumption coefficient needs to be set. The system defaults to the 1.6L displacement gasoline vehicle real-time fuel consumption coefficient 331. If the vehicle's real-time fuel consumption is displayed during use No, the user can modify the real-time fuel consumption coefficient by himself, and choose the correct displacement according to his own car model. The following are the real-time fuel consumption coefficient values

corresponding to different displacements (this table is only for gasoline vehicles):

Vehicle displacement: below 1.00, instant fuel consumption coefficient: 167

Vehicle displacement: 1.01-1.29, instant fuel consumption coefficient: 208

Vehicle displacement: 1.30-1.59, instant fuel consumption coefficient: 250

Vehicle displacement: 1.60-1.79, instant fuel consumption coefficient: 331

Vehicle displacement: 1.80-2.00, instant fuel consumption coefficient: 374

Vehicle displacement: 2.01-2.39, instant fuel consumption coefficient: 416

Vehicle displacement: 2.40-2.69, instant fuel consumption coefficient: 501

Vehicle displacement: 2.70-2.99, instant fuel consumption coefficient: 563

Vehicle displacement: 3.00 and above, instant fuel consumption coefficient: 624

06. Boot mode:

01 Intelligent: the system automatically monitors and starts up

02 Battery voltage fluctuation: monitor the battery voltage fluctuation and start the machine

03 Vehicle vibration: monitor the movement of the vehicle and turn it on from time to time

04 High battery voltage: (This item is only for when the machine uses GPS data), the voltage can be adjusted

The default is 13.8

07. Shutdown mode:

01 Intelligence: The system automatically monitors and shuts down

02 ECU communication failure: It is recommended to select this option for gasoline-electric hybrid vehicles and vehicles with automatic start-stop function

03 Battery voltage is low: judge the battery voltage is lower than the set value and shut down, the default is 13.6



3. Alarm settings

Alarm Setting
01.Alarm,Buzzer
02.Alarm,Speed
03.Alarm,Coolant
04.Alarm,Battery Voltage low
05.Alarm,Battery Voltage High
06.Alarm,Tire Drive
07.Alarm,Vehicle DTC

< > : Move ≡ : Confirm ↶ : Return

- 01. alarm sound switch: the buzzer sound can be turned on and off
- 02. vehicle overspeed: alarm when the speed exceeds the set value. The default is 150km / h
- 03. too high water temperature: alarm when the coolant temperature exceeds the set value. The default value is 115
- 04. battery low voltage: alarm when the battery voltage is lower than the set value, the default is 10.5V
- 05. battery high voltage: alarm when the battery voltage is higher than the set value, the default is 16.5v
- 06 .fatigue driving: the alarm prompts to rest if the continuous driving time is too long. The default is 2 hours
- 07. vehicle fault: when the system detects engine fault, it will give an alarm

4. Performance Testing

Performance Test
01.Read Trouble Code
02.Erase Trouble Code

< > : Move ≡ : Confirm ↶ : Return

- 01 Reading fault information: It can detect 10000+ fault codes of vehicles and display them in text.
- 02 Clear fault information: After the vehicle fault is eliminated, the fault information can be cleared.

