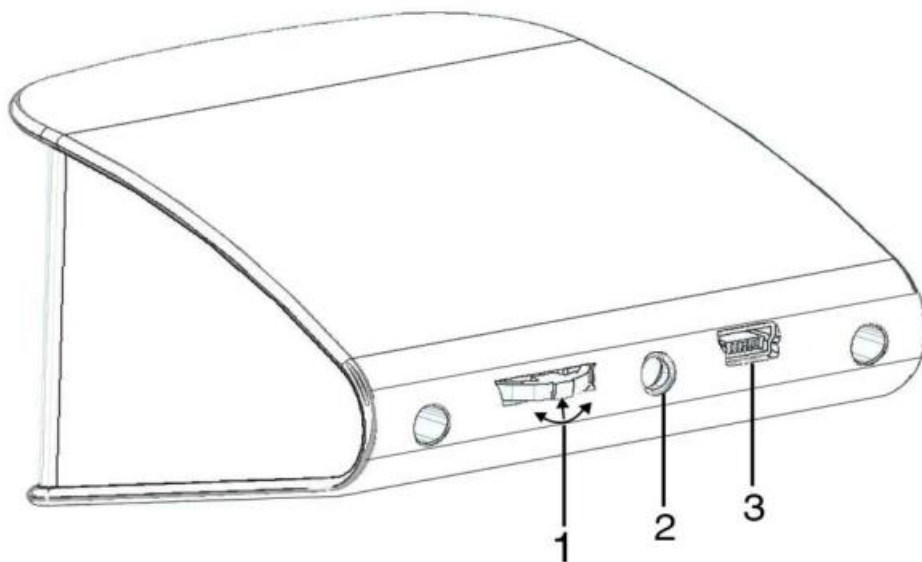


Multifunctional Smart Digital Meter P10

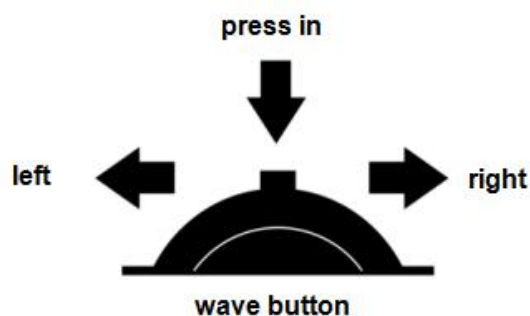
Thanks for purchasing our OBD smart digital meter. This product connects car OBD2 interface by OBD cable, and display the driving data, e.g. vehicle speed, engine RPM, water temperature, fuel consumption etc. It can keep the driver's eyes always on road to avoid the dangerous of lowering down head to read the dashboard. This product won't change any car ECU data.

Button functions



1. **Setting button:** it can push left / right, short / long press in
2. **Light sensor**
3. **OBD interface**

Wave button functions



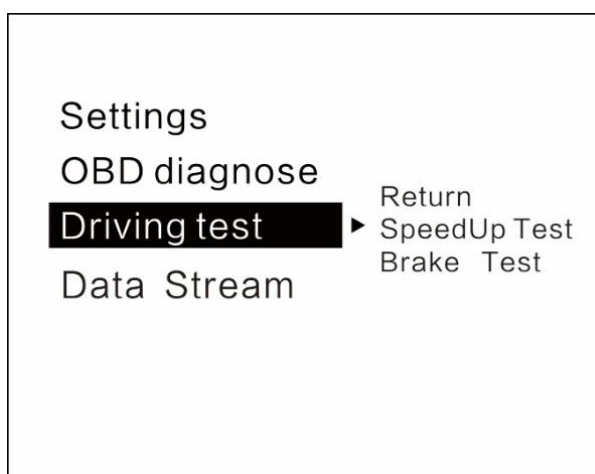
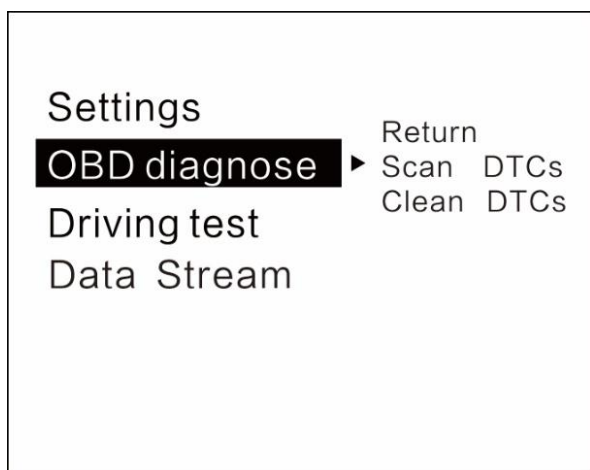
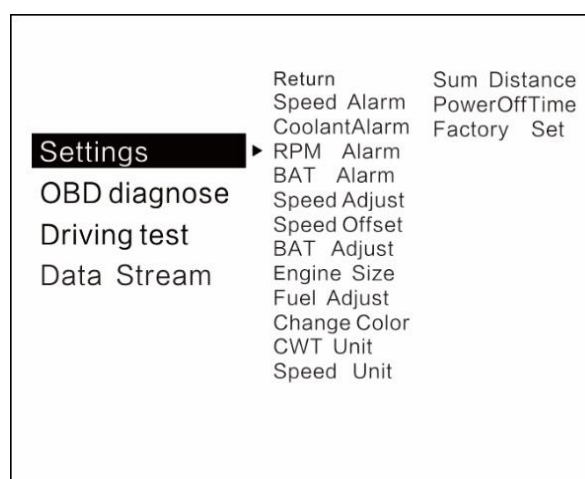
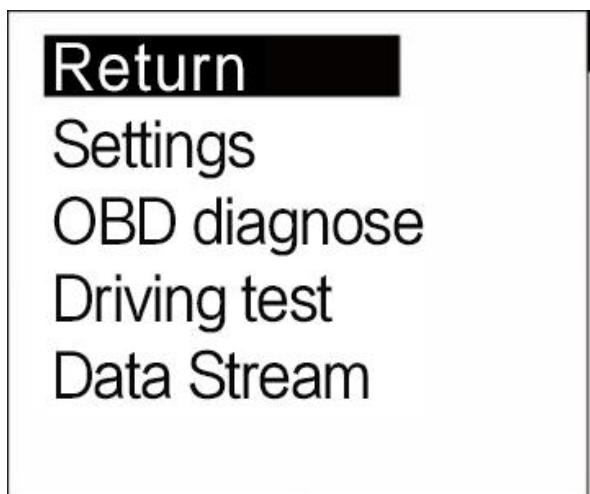
1. **Short press in:** (1) switch the display mode (2) confirm the menu after enter into the menu
2. **Long press in:** after enter into the menu and finish the setting, long press in for 2 seconds to keep and exit.
3. **Push left:** (1) switch the left area functions
(2) change the function setting after enter into the menu
4. **Push right:** (1) switch the right area functions
(2) change the function setting after enter into the menu

Below are function abbreviations:

ECT/Coolant =engine water temperature	VLT = voltage	FUE = fuel consumption Unit: (L/h)
RPM/tacho = engine speed	Clock =time	TIM = trip time
DIS = travel distance	MAP = intake pressure	OIT/Oil-T = oil temperature
A/F = air-fuel ratio	TCP = turbo pressure	PSI = turbo pressure
IAT = intake air temperature	ODO =odometer	Speed =car speed

Enter Setting Mode

Long press in to enter into the setting mode, push right to choose the menu, and short press in to confirm. Once finishing the setting, long press in to keep and exit.



Language Set: Please choose your familiar language (EN- English / CN- Simplified Chinese/ TW- Traditional Chinese)

Sound Switch: turn on/off the buzzer

Speed Alarm: the default value is 150 (the default value can be changed, pull down is to decrease, pull up is to increase, adjust range is 5-200km/h)

Coolant alarm: default value is 120°, it means this device will give alarm when Coolant temperature is over 120° (adjust range is 50-200)

RPM alarm: default value is 6000 r, it means this device will give alarm when RPM over 6000 r (adjust range is 1000-8000)

BAT Alarm: default value is 10.5V, it means this device will give alarm when battery voltage is lower than 10.5V (adjust range is 10.0-15.0V)

Speed Adjust: the operation is required only there is an error (e.g. instrument display 100 Km/h HUD shows 105Km/h, use default value 107-5=102)

Speed Offset: the vehicle speed does not return to 0 after the car stops

(E.g. speed display 5Km/h, please adjust HUD to 6Km/h)

BAT Adjust: if the battery voltage is different with the vehicle, it can be adjusted.

(if the device voltage is 0.2V higher than the dashboard's, please change the value to 98%)

Engine Size: please adjust if there is too much deviation on the fuel consumption

(E.g. make parameter value to 3.6L, if your car displacement is 3.6L)

Fuel adjust: making a fine-tuning if there is an error

(If the device shows 0.2L above the meter voltage, the device is adjusted to 98%)

Change Color 1: the speed color in the main display interface

Change Color 2: the left side functions color on the screen

Change Color 3: the right side functions color on the screen

Brightness: default 0 (Automatic sensitivity), 1-8 (the brightness will be increased as the digital added)

CWT Unit : °C-Celsius /°F-Fahrenheit

Speed unit: Km/h: km/MPH: Miles, can be changed

Count mileage: total mileage synchronization

(Keep it as same as dashboard, ex: odometer shows 30010km, adjust the parameter value to 30010km)

Power off time: default power off time is 10s, for Auto start and stop cars, please make the power off time to 5-300s

Sleep Voltage: please adjust to 13.2V or 13.6 or to COM mode if your car auto start-stop system when device can't turn off

Clock set: press left to adjust the hour hand, press right to adjust the minute hand (this product doesn't have a battery and needs to be re-adjusted after unplugging the device)

Factory set: short press in to do the factory set

Driving test

Acceleration test: kilometers acceleration refers to the seconds 0 to 100km/h, is a test of car power

Brake Test: Brake when the speed is over 100 KM/H, then it show brake distance and time

Error code set

Scan DTCs: scan the ECU to check if there is the error code, and show the error details

Clean DTCs: switch to Clean the DTCs, short press in the button to finish the cleaning

Data Stream: show all the vehicle data stream

Warning:

It is recommended to unplug the device if your car doesn't been used for more than one week.

OBD2 System Troubleshooting

1. The screen without any display, and no power

Check whether the OBD cable is tight connection, pull down repeatedly to confirm, please try it on another car if still not workable, analysis if it is an error from OBD diagnostic interface, if yes, please repair it and connect the device again.

2. Only shows the car voltage and be automatic power off after 30 second when the device is with power

- a. This product only available for cars with OBD2 agreement and EOBD agreement
- b. Car production year: after 2008

3. Inaccurate Speed

- a. First check the speed unit is correct or not, the speed unit including KM/H and MPH, please refer to the setting to switch the unit.
- b. When the product is power on, long press in the button to enter into the menu option, pull right the button to choose the speed adjust, short press in the button to set the value, pull left or right to change the value. (e.g. dashboard displays 100 Km/h, device shows 105Km/h, use default value $107-5=102$).

4. Inaccurate Fuel consumption

Check your car displacement, and set the device same as your car (if your car is 2.0L, then change the device value at 2.0L). The fuel consumption can be adjusted, but we don't suggest to change it, because all the data are read from the car ECU directly.

5. The device can not auto power off

Adjust the sleep voltage to 13.2V or 13.6V, then HUD will power off in 3 minutes.

6. Auto start-stop cars

Adjust the shutdown voltage setting in the system settings to the COM mode

7. HUD crashes in driving, or Hybrid car

- (1) Adjust the shutdown voltage setting in the system settings to COM mode
- (2) If it is not resolved, adjust the shutdown delay setting in the system settings to 300 seconds, and shut down after 5 minutes after the car goes out.

8. Wrong operation lead to crashes

- (1) Does the OBD2 interface use other OBD equipment (locator, tire pressure monitoring, drop lock, lift window folding, ELM27)
- (2) Had your car been modified and brushed (central navigation, electronic throttle controller, fixed speed cruise)
- (3) Press and hold the wheel button to enter the setup menu, right-click the wheel button to switch to system settings, press the wheel button vertically to enter the system settings, right-click the wheel button to switch to factory settings, and press the wheel button vertically to confirm.