

Multifunctional trip computer - P20(Navigation)

Thank you for purchasing multifunctional trip computer produced by our company. This product reads the driving data of cars through the OBD2 interface of car ECU, such as speed, RPM, fuel consumption, water temperature and voltage etc, under the condition that the large field of vision does not shift during the driving of the car. Instantly read the driving information to prevent the driver from looking down at the instrument panel during transportation and affecting safety. This product does not rewrite any data inside the ECU.

Kindly Attention

OBD2 mode working voltage: 11V ~ 18Vdc (12Vdc / 200mA)

For cars higher than 18V, please use USB cable to switch GPS system

System selection: Select the language and system after power-on, Press '>' Key to select OBD or GPS system, and enter the last selected system automatically after 5 seconds without operation

Button and port functions



Short press: press once to release

Long press: press for 2 seconds, then release after entering the setting item

1. Short press 'M' key:

- (1) Select function
- (2) After normal display, switch the display screen

Long press 'M' key:

- (1) Enter settings
- (2) After adjustment, press again for 2 seconds to save and exit

2.Short press the '<' key:

- (1) Switch language and system when first used
- (2) Switch to the right function display after normal display
- (3) Decrease the menu or parameter value after entering the setting

3.Short press the '>' key:

- (1) Switch language and system when first used
- (2) Switch the left function display after normal display
- (3) Increase the menu or parameter value after entering the setting

4. Power switch: long press to turn off, long press again to turn on

5. Suction cup bracket interface

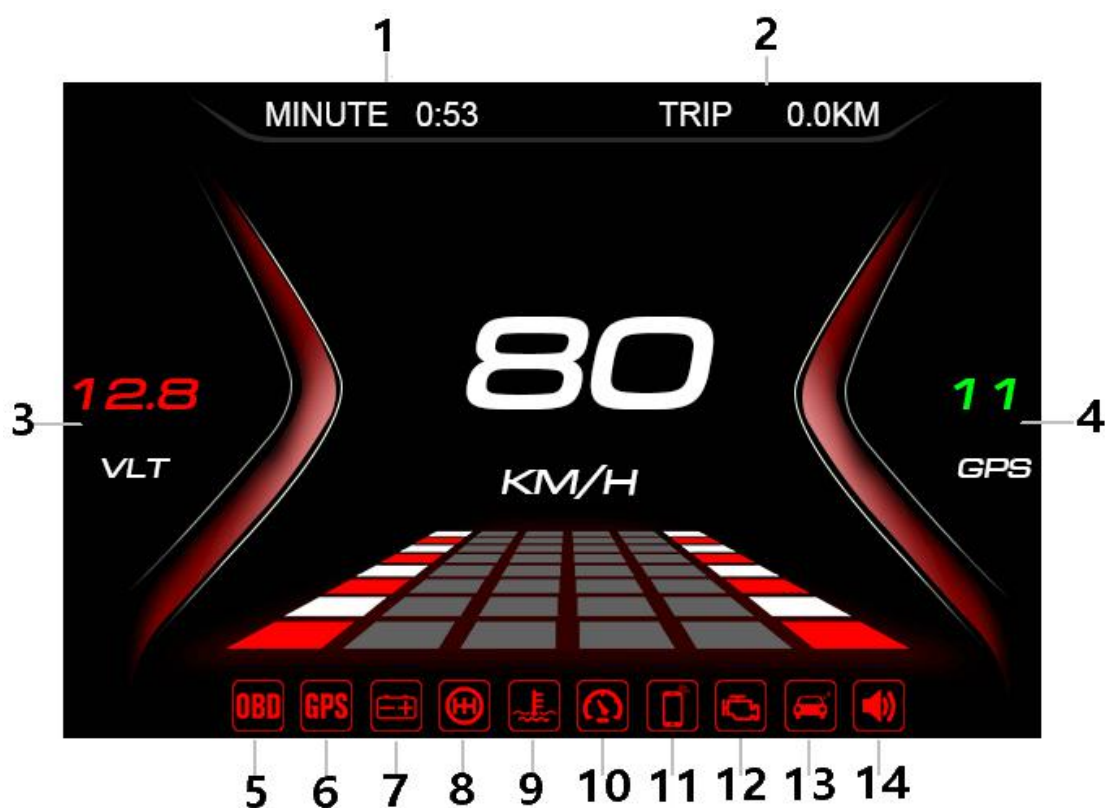
6.Buzzer port

7. Photosensitive components: sense the intensity of external light, automatically adjust the brightness to adapt to the environment

8. Alternate interface

9.OBD line and USB line interface

Display screen function



1.Driving time 2.Driving distance 3.Switchable function display area (voltage)
 4.Switchable function area (number of satellites) 5. OBD system 6. GPS system
 7. Voltage alarm icon 8. Shift reminder icon 9. Water temperature alarm icon
 10. Speeding alarm icon 11. Phone connection icon 12. Fault code icon
 13. Fatigue driving icon 14. Buzzer icon

Abbreviation:

ECT - Engine Coolant Temperature	VLT - Voltage	FUE - Fuel Consumption
RPM - Revolutions Per Minute	TIM - Local time	MIN-Driving time
DIS - Driving Distance	MAP - Intake Pressure	OIT - Oil Temperature
A/F - Air-fuel Ratio	TCP - Turbine Pressure	PSI - Turbine Pressure
RTC- Real-Time Clock	ALS-Altitude	DIR-driving direction
KM/L-Kilometers per liter	GPS- satellite numbers	

System selection

This product is a dual system: After power on, select the language and system you are familiar with, press the '>' key to select OBD or GPS system, and it will automatically enter the last selected system after 5 seconds of inactivity

Navigation use

The HUD and the smart phone are connected wirelessly via Bluetooth, and the navigation information is displayed synchronously through the APP. The following conditions must be met to achieve the smart-phone system supported by this function:

Android 4.0, IOS iphone5 or higher)

Android phones, please search on the Android market: WiiYii

iPhone Search on APP Store: WiiYii

Scan the QR code below to download and install



- 1.(1)Confirm the APP installed successfully, and HUD is working.
(2)Open the mobile Bluetooth,GPS,internet.
(3)Click the WiiYii App,the mobile phone will auto connect with the HUD via Bluetooth.

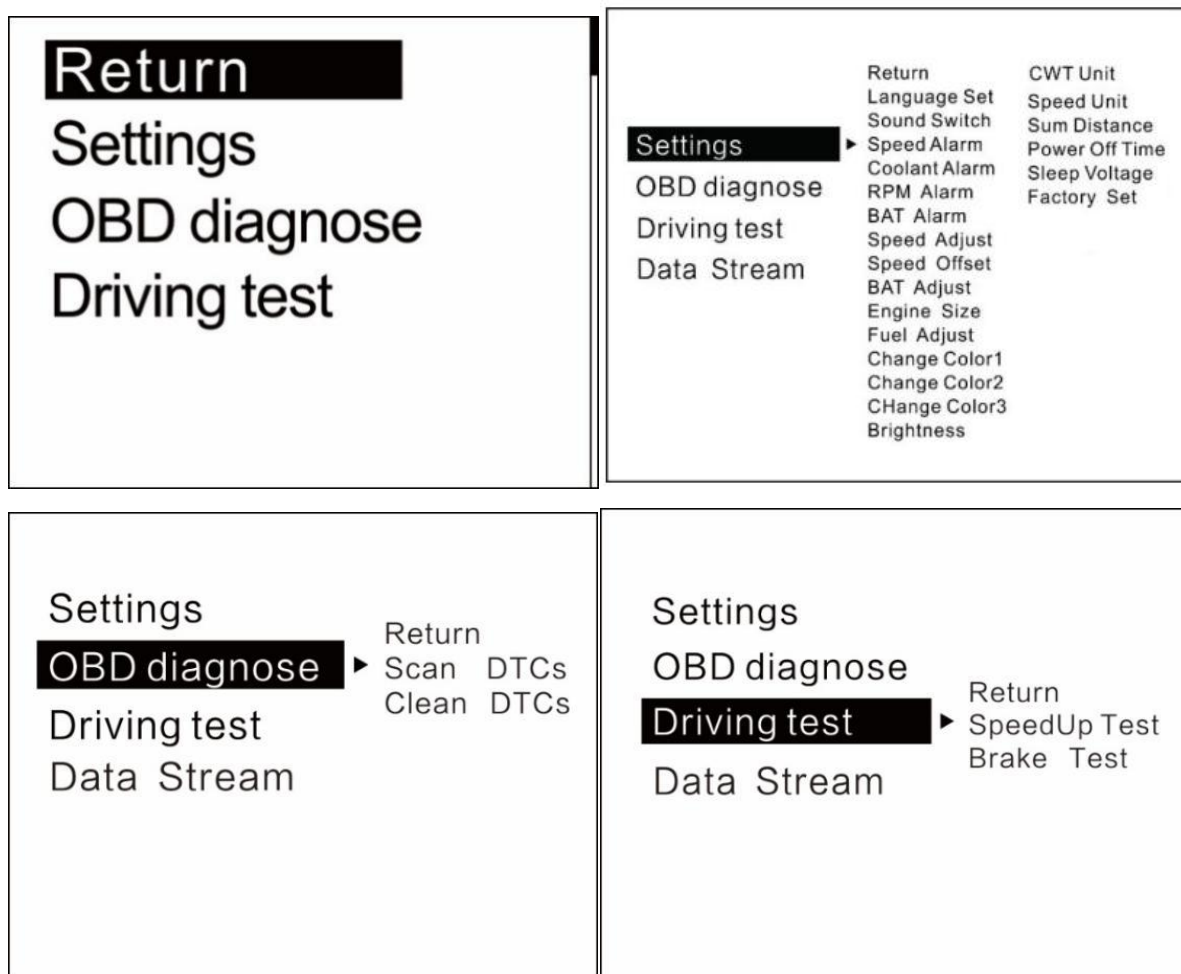
2.If the mobile phone cannot connect to the Bluetooth device correctly, please follow the instructions below:

- (1) HUD host needs to display normally.If the OBD system cannot be connected, please switch to the GPS system to display normally
- (2) Check the mobile Bluetooth whether connected to other devices or not, if yes, please delete the paired Bluetooth device, and connect to WYHUD

**3. Turn off the Bluetooth and then turn it on, or restart the phone
(for more questions, please refer to the troubleshooting)**

Setting Mode(Menu mode)

Long press the 'M' button for 2 seconds to enter the setting item, press the '+' button to increase the menu option, short press the 'M' button again to enter the parameter value, short press the '>' or '<' button to adjust the parameter value, short press the 'M' button to confirm and return



Language Set: CN Chinese Simplified/TW Chinese Traditional/EN English

Sound Switch: ON buzzer on/ OFF buzzer off

Overspeed warning: alarm will turn on when the vehicle speed reaches the default value of 150KM/h, setting range from 5-200km/h

Engine temperature alarm: its default value 120 degrees C, range 50-200

Engine speed alarm: its default value of 6000r/min, range 1000-8000

Voltage alarm setting: its default value of 10.5v, range 10.0-15.0v

Speed adjustment: 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 zero: the vehicle speed does not return to 0 after the car stops
(E.g. speed display 5Km/h, please adjust HUD to 6Km/h)

Speed Offset: After the car stalled, the speed did not return to 0 o'clock (If the vehicle speed shows 5Km/h, the equipment is adjusted to 6Km/h)

Voltage adjustment: Fine-tuning when voltage is wrong with instrument panel voltage
(If the device shows 0.2V above the meter voltage, the device is adjusted to 98%)

Engine displacement: 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 consumption: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

Backlight brightness: Auto automatic light sensitive, 1 for the darkest, 8 for the brightest

Temperature unit: °C-Celsius °F-Fahrenheit

Speed unit: Km/h: km, MPH: Miles

Count mileage: total mileage synchronization

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

Shutdown delay setting: 10 seconds by default, adjustment to more than 180 seconds

Sleep Voltage:RPM is the default speed shutdown,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

Factory set: short press in 'M' to do the factory set

Time adjust : default time is GMT+8(China time), can change the it to local time by pulling up/down.

Driving test

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

Brake test: the time and distance taken of a brake after the speed >100 , is a test of brake performance

Troubleshooting settings

Scan fault code: Scanning the car for fault codes

Clear fault code:Pressing 'M' to clear the fault code when the car has fault code

Read the data stream: Show all the data in the car engine

Please note

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

OBD2 FAQ:

1.No function is displayed,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 the car voltage displays and be automatic power off after 30 second

(1) This product is only available for OBDII and EOBD cars when it is in OBD2 mode

(2) This product OBD2 mode does not support OBD I and JOBD

(3) OBD2 is a car protocol(U.S.A Cars:2003 Other regions:2008)

(4) Switch to the GPS system using the USB cable to display, within 5 seconds of power short press the '>' key to select the GPS system.

3.The vehicle speed on HUD is not as same as speedometer's

(1) Please check that the unit is correct KM/mile MPH, (speed unit switch please refer to the settings)

(2) Vertical long press the 'M' button into the system settings, press '>' to select the speed adjustment menu,and make a fine-tuning (e.g. meter displays 100 Km/h,device shows 105Km/h,use default value 107-5=102).

4. There is an error on fuel consumption

(1) Checking your car displacement and make sure that the engine displacement of the device is as same as your car's(e.g. car is 2.0L,please set parameter value to 2.0L)

(2) if the displacement is the same, you can also do a fine-tuning settings(e.g. equipment fuel is higher than 0.2L,please set the parameter to 98%) Recommended: fine-tuning is optional since it is a real data from car computer

5.This device cannot auto shut down

After the car engine stops,the RPM on the machine can not be turned off,please set voltage to 13.2V or 13.6V,so that the car can be turn off after 3 minutes.

6. Automatic start-up will auto off when step the brake and same situation on Hybrid car in the traffic.

(1) Setting to COM mode(in the menu of shutdown voltage)

(2) Setting shutdown delay to 300 seconds,so that it can turn off after 5 minutes

(3) Please switch to the GPS system(Short press '>' within 5s)

7.Wrong operation lead to crashes

(1)Are there other other OBD devices on OBD2 interface (parking sensor,TPMS,lock lift window,ELM27)

(2)Had your car been modified and brushed(central navigation,electronic throttle controller,fixed speed cruise)

(3)No matter engine start stop,keyless entry or remote start will cause a crash,unplug other OBD devices,and do a factory reset (see the menu settings)

Please switch to GPS system(short press ">" within 5s) which should be connected with a USB.

GPS FAQ:

1.The screen is not displayed, no power

Check the OBD cable or car charger is in tight connections,try it several times to make sure,or plug a USB cable into the cigarette lighter

2.No speed

GPS will take a short of time to search the satellites,please drive the car to the open road to get 5 and more satellites so that Gauge can be used normally

3.HUD cannot automatically power on or repeatedly extinguish during driving

- (1) Please use the USB cable to insert the cigarette lighter
- (2) If you use the OBD cable, change the sleep voltage to 13.0V or 12.8V
- (3) If use the USB cable, make the sleep voltage off.

4.Inaccurate clock

Enter into the settings(System time):press'>'to adjust and press'M' to save exit

5.Speed is not correct

- (1) If the unit is correct,km KM/mile MPH, (speed unit switch reference settings item)
- (2) The car factory had increased speed(5-7%)than real for drivers' safety,satellite data is strictly follow the international standards
- (3) Fine-tuning the vehicle speed, e.g. meter display 100 Km/h, machine display 105Km/h,default value 107-5=102

6.There is an error of travel direction

Satellite cannot recognize the driving direct without speed display,it will be normal until exceeds 5KM/H

7.Speed is still on display after the car stops

Satellite drift will be caused in underground parking,tunnel,overpass or blockers,please drive your car on open road,then this situation can be solved after the satellite numbers >5

8.HUD cannot be automatically shut down after car stopped

- (1) If connects by OBD cable, it will auto power off in 3 minutes.
- (2) If it still not powers off in 5 minutes,please change the sleep voltage to 13.5V, or use the USB cable.

Navigation FAQ :

1. How to install APP

Scan QR code to download this APP(see manual)

Iphone: Search keyword 'WiiYii' in APP Store

Android phones: Search keyword 'WiiYii' in Android Market

2.How to use APP

- (1) Please download this software
- (2) manually turn on the Bluetooth and location
- (3) click the icon of WiiYii,system will automatically search the Bluetooth and connect

2.Bluetooth cannot connect to Phone

- (1) HUD host needs to display normally, if the OBD system cannot be connected, switch to GPS system normal display
- (2) Whether your phone's Bluetooth is connected to another device, delete the bluetooth device that has been paired, and then bind to WYHUD
- (3) Turn Bluetooth off again and then turn on your phone's Bluetooth, or restart your phone
- (4) Make sure that other phones turn off Bluetooth

3.APP Bluetooth connection is not successful

- (1)Check the phone system version and whether it supports Bluetooth 4.0, Apple system IOS9 or above, Android 4.4 or above
- (2)Need mobile phone to search for WYHUD via Bluetooth,Open traffic
- (3)Turn on GPS navigation positioning, you can enter the navigation address after successful positioning

4.App Bluetooth connection is successful,no display of input address

Please turn on the location service,open your network,check the signal,please move to a place which has a strong signal,and enter the address again

5.HUD stuck during navigation or when you switch the display interface, speed display is normal

Turn off the power-saving mode of the phone, turn off the screen forbidden function, or click to enter the phone navigation page and stay on the phone navigation page

6.Navigate 10-20m from the indication point

Because the GPS positioning error is about 5-10 meters, it is normal for the satellite signal to be 10-20 meters when the signal is weak.

