

V410

# USER MANUAL

AUTOMOBILE OBD2/EODB SCANNER





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## 1. Product Introduction

This is an automotive bus information scanner that supports nine OBD II/EOBD standard protocols. Plug-and-play operation enables it quickly read vehicle fault information and parameters, and is a more comprehensive diagnostic tool. Please read this manual carefully before use.

## 2. Notes

1. Do not use abrasive cleaners to clean the product.
2. Do not expose this product to heat or near sources of ignition.
3. Do not expose the product under direct sunlight for a long time.
4. Do not attempt to disassemble this product for any modifications as it does not contain any maintenance components.
5. Do not use the product indoors.
6. If you do not plan to use this product for an extended period of time, store it in a dry environment to avoid extreme temperatures and dust



### 3. Product Appearance



1--OBD connection cable (for vehicle OBD port)

2--12864 LCD module

3--Quick DTC retrieval

4--Quick I/M read status check

5--Exit/Return

6--Up

7--Left

8 --Right

9 —OK

10 —Down

## 4. Product Parameters and Accessories

### 4.1 Product parameters

- ▶ Operating Voltage: 9–16V
- ▶ Operating Current: 36–80mA
- ▶ Operating Environment: -30–70°C
- ▶ Storage Temperature: -30–70°C
- ▶ Dimensions: 145×90×27mm
- ▶ Supported Languages: English, German, Italian, Dutch, French, Spanish, Chinese, Russian

### 4.2 Product Accessories

Main Unit \*1      Manual \*1

### 4.3 Support Agreement:

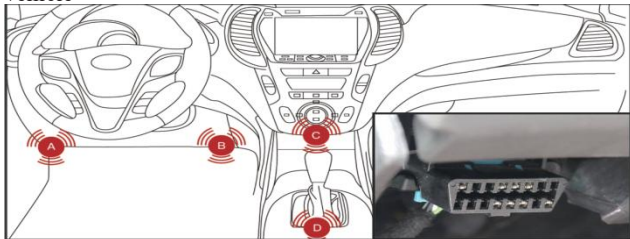
1. SAE J1850 PWM (41.6Kbaud)
2. SAE J1850 VPW (10.4Kbaud)
3. ISO9141-2(5 baud init, 10.4Kbaud)
4. ISO14230-4 KWP (5 baud init, 10.4 Kbaud)
5. ISO14230-4 KWP (fast init, 10.4 Kbaud)
6. ISO15765-4 CAN (11bit ID, 500 Kbaud)
7. ISO15765-4 CAN (29bit ID, 500 Kbaud)
8. ISO15765-4 CAN (11bit ID, 250 Kbaud)
9. ISO15765-4 CAN (29bit ID, 250 Kbaud)

### 4.4 Main Functions

① Supports nine OBD II/EOBD	② Vehicle data stream analysis
③ Reading engine DTCs	④ Battery voltage readings
⑤ Clearing engine DTCs	⑥ Data stream graphing
⑦ Freeze frame data	⑧ Oxygen sensor test
⑨ I/M readiness status	⑩ EVAP system test
⑪ Supported Languages: English, German, Italian, Dutch, French, Spanish, Chinese, Russian	

## 5. Product Operation Instructions

Locate the car's OBD Port. The location of the OBD connector varies from model to model (usually located in the inner panel in the lower left corner of the dashboard, above the accelerator pedal. See below for other models) Plug in and start the vehicle



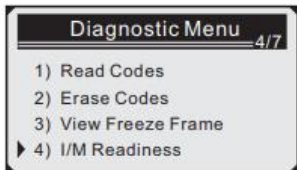
## 6. Page Menu Introduction

### 6.1 Vehicle Inspection Menu

After connecting the vehicle, go to the home page and select 'OBD/EOBD' menu, press OK button to enter the test function page, this menu has 9 test functions, you can use the up/down



function button to turn the page.



### 6.2 Voltage Test

After connecting to the vehicle, go to the home page, select the 'Voltage' menu, press the OK button to enter the voltage test page and check the voltage value.



### 6.3 DTC Query

After connecting the vehicle, go to the homepage, select 'DTC Lib' menu, press 'OK' button to enter the fault code query page,

which supports to query the vehicle fault code and explain the reason.



### 6.4 Product Setup

After connecting the vehicle, go to the home page and select the 'Settings' menu, then press the 'OK' button to enter the settings page. There are 2 setting functions in this menu, you can use the up/down function button to turn the page.



### 6.5 Reading Data Stream

After connecting to the vehicle, go to the homepage, select the "Data Stream" menu, and press OK to enter the data stream view page.



Data Stream	
	01/19
FUELSYS2	CL
LOAD_PCT(%)	41.6
ETC(°F)	320
SHRTFT1(%)	53.9

## 6.6 I/M Readiness Test

The I/M Ready function is used to check the operation of the emissions system on OBD2 compliant vehicles. This is a great feature to have before checking a vehicle's compliance with the National Emissions program. Some of the latest models may support two types of I/M readiness measurements.



I/M Readiness	
	1/3
▶ Since DTCs Cleared This Drive Cycle	

## 7. Disclaimer

We are committed to providing our clients with an unparalleled customer experience.

pre-sales and post-sales support. The following are exemption conditions for our products:

If one of the following conditions is met, the customer will not be entitled to the policies covered by this limited warranty:

a) abnormal use of the product, abnormal conditions, improper storage, exposure to moisture or humidity, unauthorized modifications, unauthorized maintenance, misuse, neglect, abuse, accident, alteration

improper installation or other non-faulty behavior, including damage caused by transportation.

b) Damage to the product from external causes (e.g. collision) with an object) or fire, flood, dust, storm, lightning, earthquake or

weather conditions, acts of irresistible natural disasters or battery leakage, theft and damage, blown fuses, we are not responsible for damage to the product caused by improper use of any power source.