MD4MyCar

USER'S MANUAL

**LAUNCH**

**MD4Mycar**

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# LAUNCH

## 1. Product introduction

MD4Mycar unit is the automobile diagnostic equipment which is related to the application within the smart-phone terminal. It can collect the engine data that in accord with OBDII/EOBD standards during the vehicle is driving, and monitor the vehicle conditions when it is operating. It can communicate with smart-phone terminal by means of WiFi or Bluetooth, simple and convenient in operating.

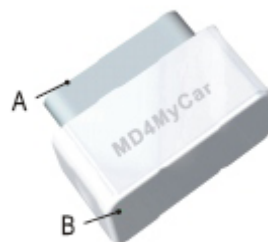The communication of the product to which this manual corresponds is WiFi.

## 2. Components:

The hardware includes:

MD4Mycar unit and product manual 1 Pcs.
The software includes: MD4Mycar diagnostic software (build-in) and MD4Mycar client software .

**Product Structure Picture**



A-16-Pin connector    B-Indicator lamp

## 3. Functions:

◇ Living diagnose (read DTC, clear DTC, read data stream, read freeze frame, and I/M readiness test)
◇ About (Read product info, vehicle info, and software version info, etc).

## 4. Technical parameters:

◇ Dimensions: 51*36*28mm

◇ Working ambient temperature: 0℃~50℃

◇ Storing ambient temperature: -20℃~70℃

◇ Operating voltage: DC 8V~18V

◇ Normal power: <0.9W

◇ Distance for wireless communication: 10m/33feet

## 5. Connection and WiFi setting

Plug the MD4Mycar into the DLC on the vehicle ,
and ignition ON;



DLC on the vehicle

Implement the WiFi connection setting on the smart-
phone terminal and for detailed info please refer to the
cell phone user's manual.

As iphone/ipod cell setting for example:

◇Tap on [setting] button on iPhone /iPod touch main
menu

◇ Tap on and go to [Wi-Fi] menu

◇[Wi-Fi] switch [ON], select net "launch"

◇Tap on [Static], input following info:

   Networks: Launch-xxxxxxxxxx

   IP address: 192.168.1.114

   Subnet: 255.255.255.0

   Port:60002

MD4Mycar begin to communicate with Iphone/Ipod
touch after succeed setting

## 6. Initialization interface

After the succeeded WiFi connection, open the corresponding software on the cell phone. And the user can select the corresponding function that you needed.

## 7. Living diagnosis

The living diagnosis functions include:

**[Read DTC]:** read the current DTC that engine has stored, and DTC info.

**[Clear DTC]:** clear all the current DTC.

**[read data stream]:** read all the running parameters that related to the ECU.

**[Read freeze frame data]:** OBD system will record the system running parameters related to the malfunction the moment when it occurred at the same time when it set the DTC. And this group of data is called freeze frame data.

**[I/M readiness test]:** I/M readiness reflects thestatus that all the valid diagnostic functions. Thediagnostic functions are referring to the important monitoring functions in OBD system, e.g. $O_2$ sensor monitoring, $O_2$ sensor heater monitoring, and EGR system monitoring, etc. These diagnostic functions are closely related to the engine emission control.

## 8. About

This function is used to check out the product info, the vehicle info, and the software version info, etc.

## 9. Diagnostic software updating

For updating your software, please note the product update info on your smart-phone from time to time, then updating software as following indicated

FCC ID: XUJMD4WIFI

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**FCC STATEMENT**

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference.

(2) This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

    Reorient or relocate the receiving antenna.

    Increase the separation between the equipment and receiver.

    Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

    Consult the dealer or an experienced radio/TV technician for help.

**FCC Radiation Exposure Statement**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body