iOBD2 MFi BT (OBD2/EOBD) Scanner for Apple iOS and Android Devices

Bluetooth communication has received MFi authorization and certification from Apple.

iOBD2 MFi BT is a wireless diagnostics system for your car engine. It combines of a Buletooth OBD II adaptor that works with iOS &Android devices and an app for iOS or Android systems. It makes your smartphone or tablet into a slick display to monitor the health of your car engine.

Supported OBDII Protocols:

1. ISO15765-4 (CAN)
2. ISO14230-4 (KWP2000)
3. ISO9141-2
4. J1850 VPW
5. J1850 PWM

Vehicle Compatibility

It works with all cars and light trucks that are OBDII/EOBD compliant.
- 1996 or newer North American cars
- 2001 or newer European cars
- 2004 or newer Asian cars

Supported Devices and APP

OS	Device	Mode
Apple iOS (Require iOS4.3 or later)	iPod touch	iPod Touch 1st generation,2nd generation,3rd genaretion,4th generation
	iPhone	iPhone, iPhone 3, iPhone 3GS iPhone 4, iPhone 4s, iPhone 5
	iPad	iPad, iPad 2,ipad 3,iPad Mini
Android (Require OS2.3 or later)	All android smart phone and tablet	

APP: iOBD2 (search and download it in Apple store and Google Play Store)

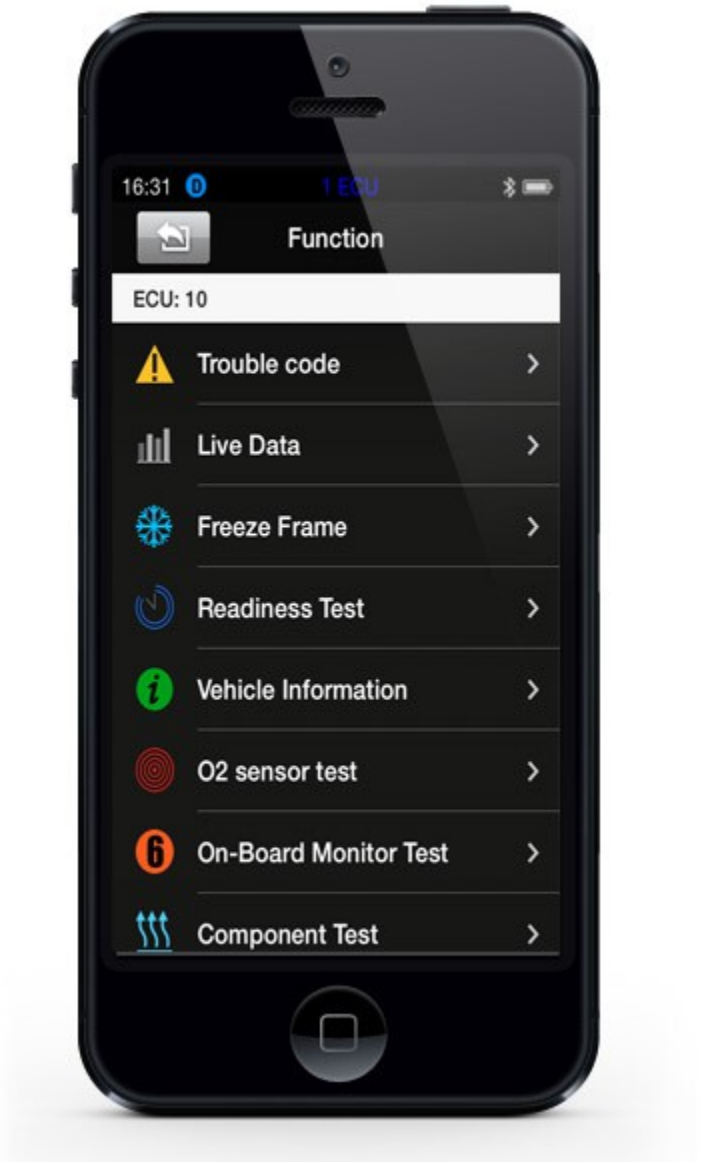
Bluetooth Connection

iOBD2 can be connected with all devices based on Apple iOS and Android OS by Bluetooth.

Function:

1) Diagnostic

The **[Diagnostic]** functions include:



[Trouble code]: Reads the current DTC with detailed information on reasons lead to the DTC and advice to repair the car.
[Live data]: Reads all the running parameters related to the ECU.
[Freeze frame]: ECU will set DTCs and record the data stream of the car engine at the moment when emissions related faults occurred. The data is called freeze frame data.
[Readiness test]: Shows the status of readiness test. Click Readiness test in the menu, the screen will display the test status of the car.
Supported and complete: It means the car supports this test and has completed.
Supported but incomplete: It means the car supports this test but it is not yet completed.
Unsupported: It means the car does not support this test.
[Vehicle information]: Read vehicle info such as Vehicle Identification Number (VIN), Calibration IDs (CALID) and Calibration Verification Number (CVN).
[O_2 sensor test]: This service is to allow access to the on-board oxygen sensor monitoring test results.

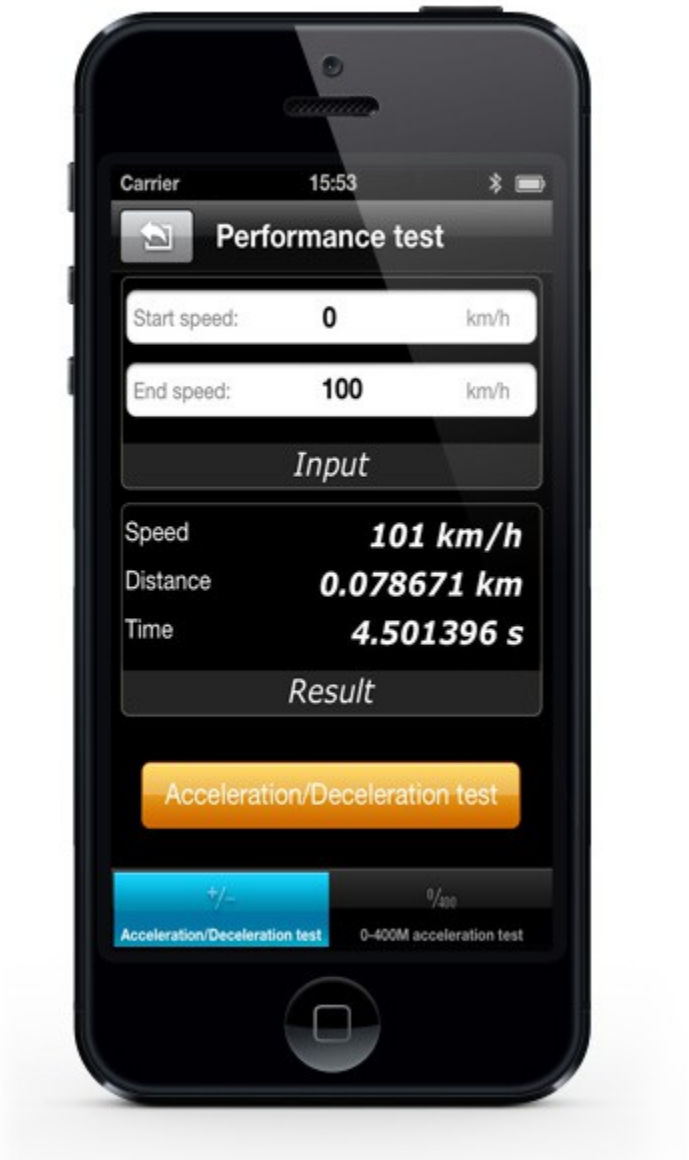
[On-board monitor test]: To monitor the operation of the system of external device control panel.
[Component test]: Allowed to access a particular component / the diagnostic monitoring results of incontinuous monitoring system. E.g., the monitoring of the catalyst and evaporation system

2) My Dashboard
[My dashboard] function includes:
[Idle mode]: show you the engine rotational speed, water temperature, battery voltage, Air-intake temperature, instant fuel consumption (static), average fuel consumption.
[Cruise mode]: show you the vehicle speed, the current engine load, water temperature, Vehicle travel time, vehicle travel average speed, Continuous running mileage; instant fuel consumption (dynamic).
[Sport mode]: show you the engine rotational speed, vehicle speed, water temperature.
[Performance mode]: show you the vehicle speed, capacity, torque, horsepower and you can also customize your gauges here.

3) Trip Route Tracking
This function can track your driving route. Select Setting on the phone, choose Privacy, Open the Location Services, and turn on iOBD2. Run the iOBD2 app, choose “My dashboard”, and start driving the car, it will automatically track the driving route and save it on History menu. When exiting “My dashboard”, it will stop tracking the driving route. You can review the saved tracking route in History menu.


2008 大众 1.6L 汽油
2013.05.10 10:14:50
Trip route
Start
No. 1063-4 Xiangmei Road
Start time 2013-05-27 10:17:33
End time 2013-05-27 10:24:13
Travel time 00:06:40
Continuous running mileage km 0.840183
Avg. fuel consump. L/100km 28.12
Average speed km/h 7

4) Performance Test
[Performance test] function includes
[0 to 100km/h accelerate/decelerate test]: Test acceleration/deceleration process time and distance.
[0 to 400m acceleration test]: Test spending time from 0 to 400 meters.



5) Setting

It allows users to change the unit of temperature, mileage, vehicle speed, fuel, fuel consumption, torque and horsepower, set the alarm for over speed, fatigue driving and water temperature, and set parameters of vehicle weight, fuel consumption coefficient and vehicle speed coefficient according to their needs on **[Customize My Dashboard]**.

6) History

It is to save and review the recorded diagnostic data of the tested cars, such as live data, freeze frame data, trip record and my dashboard data. The data can be shared to Facebook and Twitter.

7) Sleep Mode

With this sleep mode feature, you can leave the iOBD2 adaptor plugged all times without worry of the battery drain as the standby current is only 10mA when iOBD2 goes into sleep mode.

- When iOBD2 is power on for the first time, if it does not communicate with the car within Waiting Time, and battery voltage is below the Limiting Voltage, it will go to sleep mode. The default waiting time is 15 minutes. This parameter can be modified.
- When the battery voltage is below the Limiting Voltage and within 5 minutes there is no communication between iOBD2 and the car, iOBD2 will go into sleep mode. When the battery voltage is above the Limiting Voltage, it will wake up. The default Limiting Voltage is 12.6V. This parameter can be modified.

Technical Specification
Dimension: 48*42*25 mm/1.89*1.66*0.99in.
Weight: 80g/ 2.83oz.
Operating Voltage: 8-19V DC
Operating Temperature: -20 to 50°C
Storage Temperature: -20 to 70°C
Bluetooth Standard: 2.1/2.0/1.2/1.1

Package Includes:
Hardware: iOBD2 MFi BT adaptor, user manual
Software: iOBD2 app-free (Download manually)