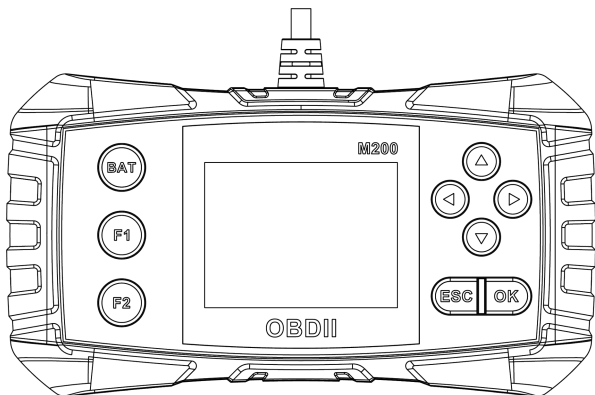


M200

User's Manual



———— Quick Operation Guide ————

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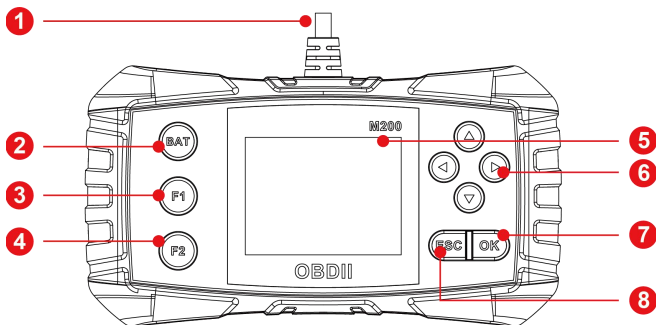
1. Product Introduction

This is an enhanced automotive code reader that supports OBD II/EOBD standard protocols for all vehicle models, as well as proprietary protocols for the engine, transmission, ABS, and SRS. It is plug-and-play, allowing you to quickly read vehicle fault information and parameters. It can also perform in-depth diagnostics on four systems and execute clear-code commands, making it a more comprehensive diagnostic tool. Please read the product manual carefully before use. Thank you.

2. Precautions

1. Do not use abrasive cleaners to clean this product.
2. Do not heat the product or expose it to open flames.
3. Do not leave the product under direct sunlight for extended periods.
4. Do not attempt to disassemble or modify the product, as it contains no user-serviceable components.
5. If you do not plan to use the product for a long time, store it in a dry environment away from extreme temperatures and dust.

3. Product Appearance and Button Functions



3.1. Product Diagram

- ① Product connection cable – connects to the vehicle's OBD port.
- ② Quick access to battery test.
- ③ Quick access to I/M readiness status.
- ④ Quick access to AI assistant.
- ⑤ Display screen.
- ⑥ Directional keys.
- ⑦ Confirm key.
- ⑧ Return/Exit key.

4. Product Specifications and Accessories

4.1. Product Parameter

● Working voltage: DC 9–16V	● Working environment: -20~60°C
● Working current: 116–176 mA	● Storage temperature: -20~60°C
● Supports 13 languages: English, German, French, Spanish, Italian, Portuguese, Russian, Polish, Japanese, Chinese, Arabic, Dutch, and Romanian.	

4.2. Accessories

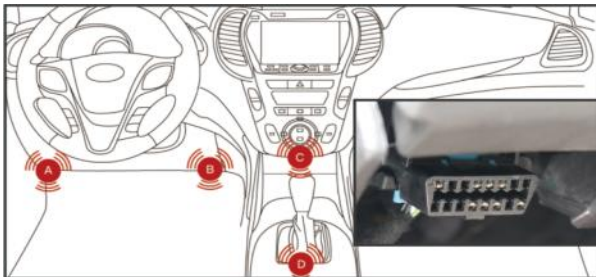
Host *1 User Manual *1 Storage pouch *1

4.3. Supported Protocols

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)

5. Vehicle Testing

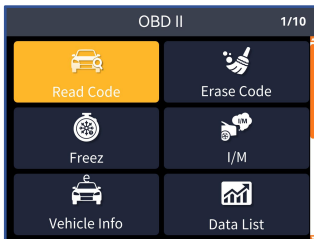
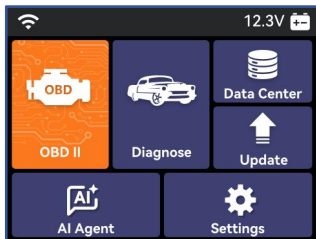
First locate the vehicle's OBD port. The position of the OBD port varies by vehicle (it is usually on the lower left side of the dashboard, above the accelerator pedal; for other models, see the diagram below). After plugging in the reader, start the vehicle.



6. Page Menu Introduction

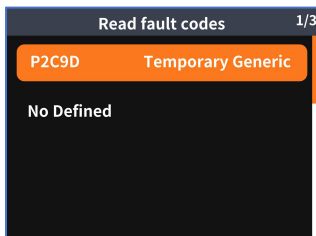
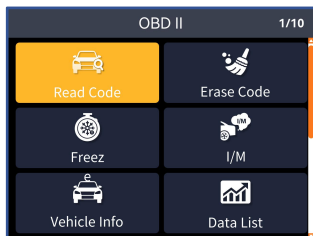
6.1. Diagnostic Menu

After connecting the vehicle, enter the main page, select the "OBDII" menu, and press the OK key to access the test function page. This menu contains nine test functions, which can be selected using the arrow keys.



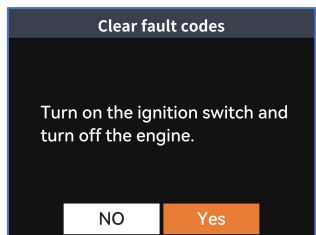
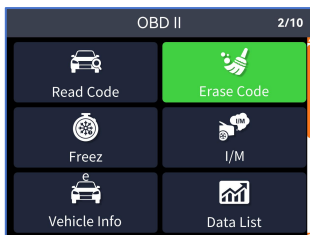
6.1.1. Reading Frame

- Select the code reading function, and the product will diagnose the vehicle engine system.
- If the vehicle has an engine fault, the engine fault code and its description will be read.
- If multiple fault codes are present, use the up/down buttons to navigate through them.
- Press ESC to return.



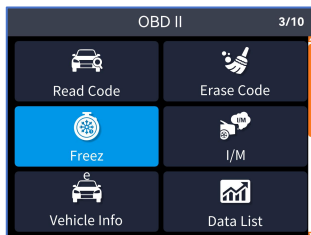
6.1.2. Clear Code

- Selecting "Clear Code" will display a confirmation message. After confirming the clearance, the engine fault light will turn off, indicating successful code clearance. If the clearance fails, perform it with the engine powered off.



6.1.3. Freeze Frame

A freeze frame refers to the snapshot data automatically recorded by the vehicle's computer when a fault code appears in the emission system. This is a valuable feature that helps identify the root cause of the malfunction.

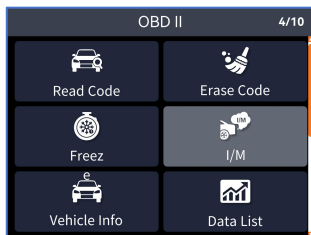


DTC Freeze Data		1/169
Number of fault codes stored in this E		2
Malfunction Indicator Lamp (MIL) Status		ON
DTC that caused required freeze frame		P0103
Fuel system A status:		OL- Drive B2
Fuel system B status:		CL
Calculated LOAD Value		20.78%

6.1.4. I/M Ready Condition

The I/M readiness function checks whether the vehicle monitor is OK or N/A. This operation is performed during specific driving scenarios (each monitor has its own designated driving conditions and required duration).

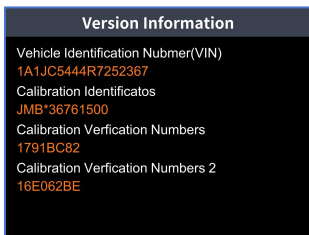
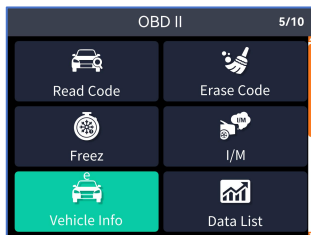
- OK indicates completion of monitoring tests
- INC indicates not ready
- N/A indicates that the vehicle does not support this monitoring feature.



Readiness Data		1/9
Misfire Monitor		Complete
Fuel system Monitor		Complete
comprehensive component Monitor		Complete
NMHC catalyst Monitor		Complete
NOx aftertreatment Monitor		Complete
Boost pressure Monitor		Complete

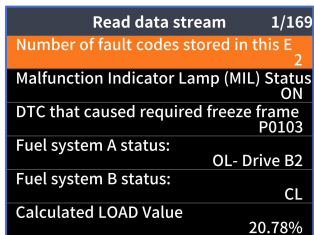
6.1.5. Vehicle Information

You can view information such as the vehicle identification number, calibration identification code, and verification number.



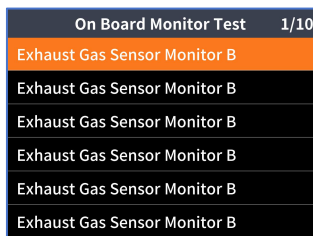
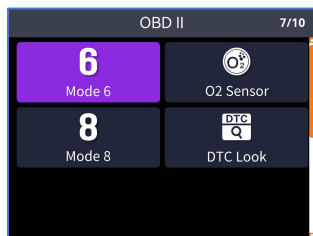
6.1.6. Data List

Upon entering the data stream, the product reads the real-time engine data. Green indicates the reference value of the data stream, while red signifies an anomaly. An upward arrow indicates exceeding the maximum value, and a downward arrow indicates exceeding the minimum value.



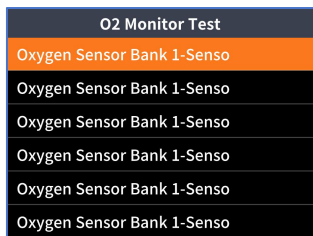
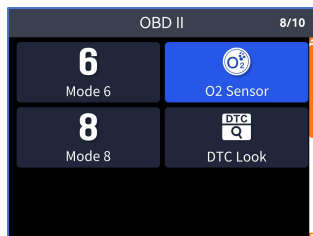
6.1.7. Mode 6

Mode 6 provides raw test result data for discontinuous testing of emission-related system components, such as exhaust sensors, catalytic converters, variable valve timing systems, exhaust sensor heaters, and heated catalytic converters, requiring vehicle support for this diagnostic function.



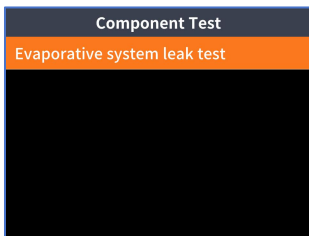
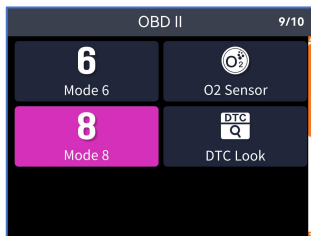
6.1.8. Oxygen Sensor Testing

During the oxygen sensor testing procedure, the vehicle's oxygen sensor readings are recorded to determine whether all test parameters are within normal ranges.



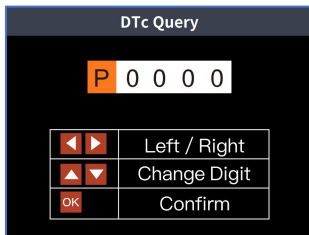
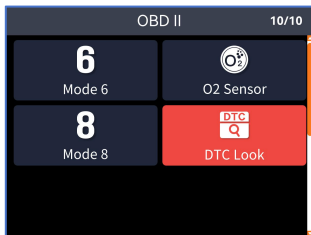
6.1.9. Mode 8

This feature can detect leaks in the vehicle's fuel evaporation system and requires the vehicle to support this detection capability.



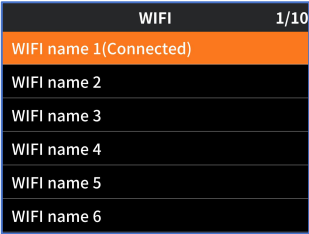
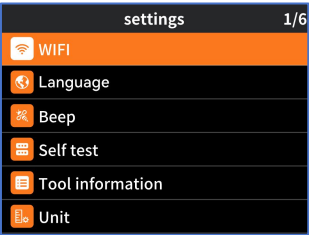
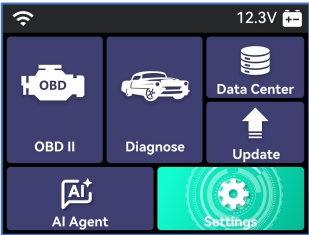
6.2. Fault Code Query

In the Fault Code Query option, users can use the direction keys to select the desired fault code and press the "OK" key to view its definition.



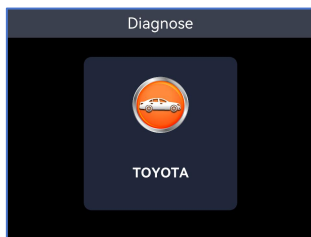
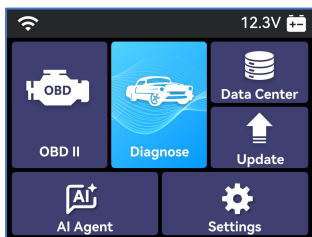
6.3. Diagnose

(1) On first use, ensure the diagnostic device is connected to Wi-Fi, then go to the "Settings" menu and select "Wi-Fi".

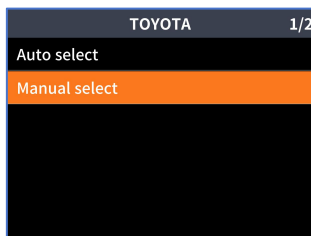
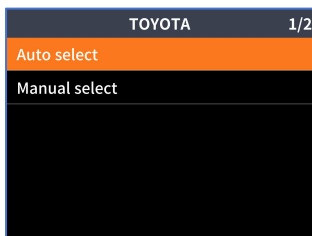


(2) Select the "Diagnostic" function, add the car brand you need to diagnose, and follow the steps below.

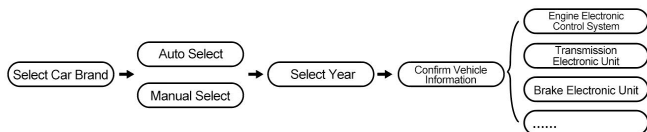
Note: The product comes without a vehicle model system. When using it for the first time, download the vehicle model yourself. For subsequent model selections, the product can manually or automatically erase or overwrite previous model data.



(3) You can start the diagnosis after adding it.



(4) Follow these steps to log in to the system:



(5) Upon entering the control unit menu, the diagnostic tool displays all detectable systems that can be diagnosed. You may select the system requiring diagnosis to proceed.

Control Unit	1/5
Engine	
ECT	
ABS/VSC	
ABS/VSC/TR(TRAC)(SIL)	
SRS Airbag	

(6) If you select "Airbag," version information, code reading, code clearing, and data flow will be displayed.

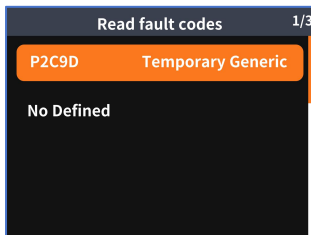
Control Unit	1/4
Version Information	
Read fault codes	
Clear fault codes	
Read data stream	

- Version Information

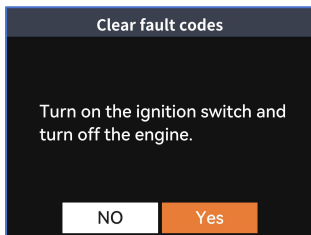
Version Information	1/3
VAG number	
3453B28R5E3069321	
System identification number	
1233B28R5E3069321	
Control unit model	
EV_AirbaAU10BPAAU64X	
Diagnostic software number	
001000	
software coding	
443535303030	

Version Information	2/3	Version Information	3/3
Software version		Equipment	
0123B28R5E3069321		0534182	
Hardware part number		Agreement	
2343B28R5E3069321		UDS	
Hardware version			
A33000			
Workshop code			
12336			
IMP			
00664			

- Read the fault code



- Clear the fault code

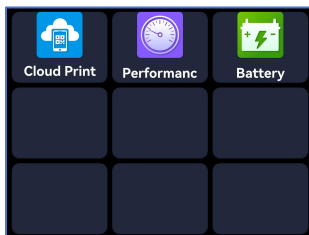


- Data flow

DTC Freeze Data		1/169
Number of fault codes stored in this E		2
Malfunction Indicator Lamp (MIL) Status		ON
DTC that caused required freeze frame		P0103
Fuel system A status:		OL- Drive B2
Fuel system B status:		CL
Calculated LOAD Value		20.78%

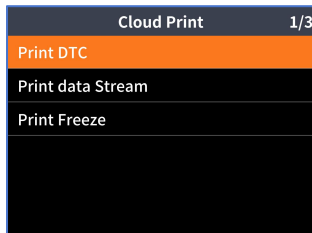
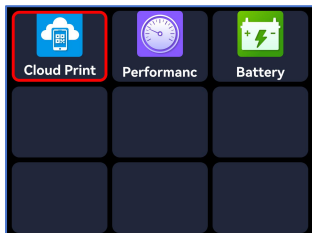
6.4. Data Center

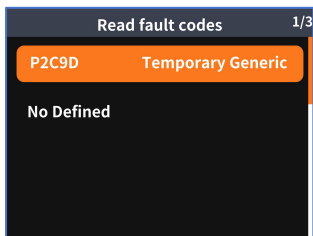
It covers cloud printing, performance testing, and battery monitoring.



6.4.1. Cloud Printing

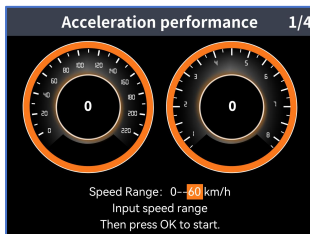
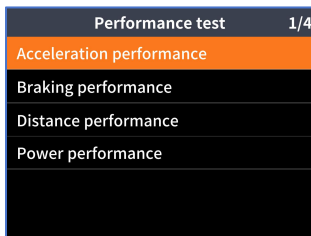
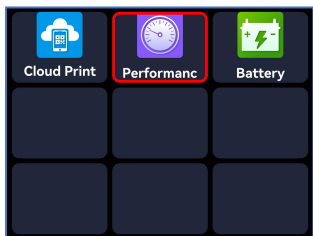
The read fault codes, data streams, frozen frames, and other data can be converted into QR codes, which can be scanned, shared, or printed via a smartphone.





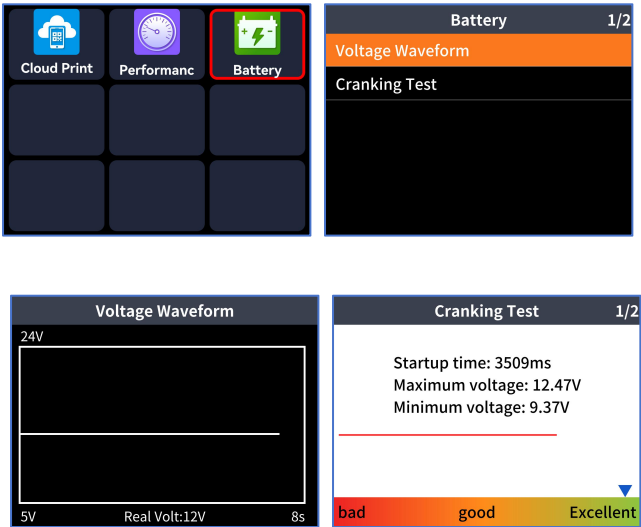
6.4.2. Performance Testing

Test the vehicle's acceleration performance, braking performance, distance tests, and instrument data.



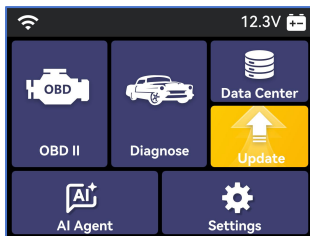
6.4.3. Battery Testing

It can measure both the battery voltage and instantaneous voltage of a vehicle.

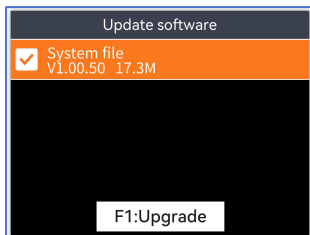


6.5. Upgrade

- After connecting the product to Wi-Fi, you can upgrade it.



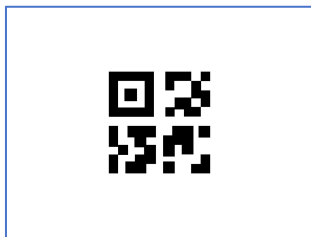
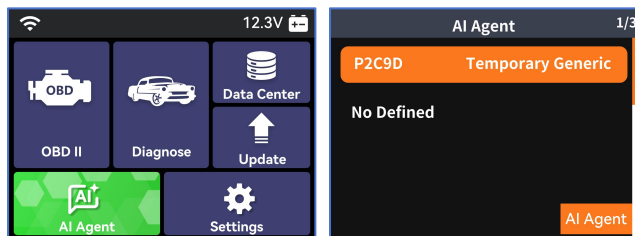
- Select the upgrade project and wait for it to complete.

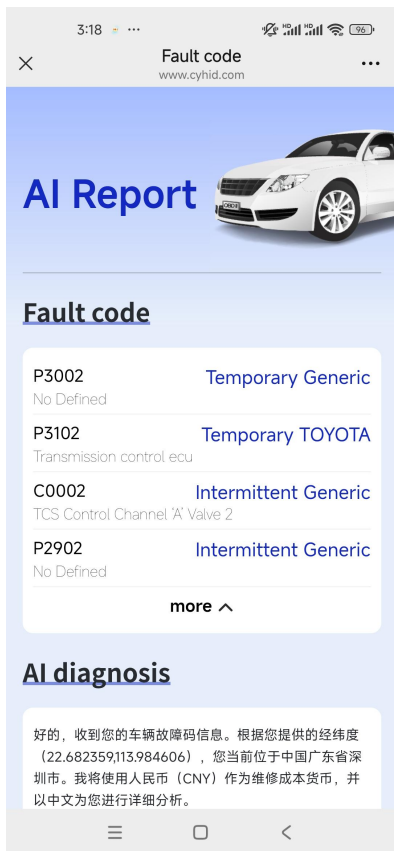


6.6. AI Agent

The AI agent can diagnose fault codes and generate detailed analysis reports.

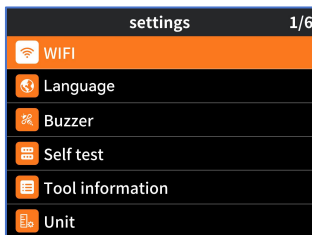
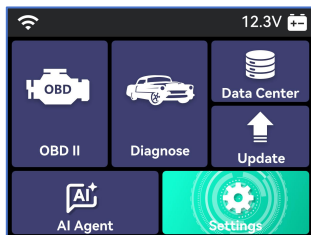
- If the "AI Agent" background is highlighted, press the "OK" key to enter, scan the QR code, and view the AI report.





6.7. Set Up

Go to the settings options to configure various product parameters, such as language and units.



7. Exemption Conditions

We are committed to providing unparalleled customer support before and after sales, and the following are our disclaimer conditions for our products: If any of the following conditions are met, customers shall not be entitled to policies within the scope of this limited warranty:

- 1) Abnormal use, abnormal situations, improper storage, exposure to moisture or unauthorized modification, misuse, negligence, abuse, accidents, changes, improper installation, or other non fault behaviors of the product, including damage caused by transportation.
- 2) Our company is not responsible for any damage to the product caused by external reasons (such as collision with objects), fire, flood, sand, dust, storm, lightning, earthquake or weather conditions, uncontrollable acts of natural disasters, battery leakage, theft, blown fuses, improper use of any power source, etc.

Warning Statement

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.

Any 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.

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.