

User Manual

On-board intelligent screen

Model: A10

Introduction

Thank you for choosing to use our products! Please read this manual carefully before using this product, in order to have a better understanding of the company's product operation methods to get a better ride experience, and please keep it for future use, thank you!

一、Disclaimer

Dear users, Hello!

Thank you for your purchase zilimao A10 High-definition smart screen products, Please read and understand this statement carefully before using all the functions of this product. Users who use this product, Will be deemed to have agreed 《Disclaimer》.

1、Due to a variety of objective reasons, the use of this product, real-time video, video playback preview and other processes have interrupted the impact of the above case is considered as the responsibility of the manufacturer, the following four objective factors are considered as non-manufacturer responsibility:

2、(1) Environmental factors including but not limited to force majeure factors such as weather, temperature and time.

3、(2) Vehicle Condition Impact: including vehicle structural stability, product installation position flatness, etc. .

4、(3) Location Signal Impact: including road tunnel, bridge, under the garage, surrounding high-rise buildings, remote mountainous areas, highways and other areas where the impact of weak signal.

5、(4) Accidental damage or power cut-off: due to the destructive collision of vehicles or other third-party causes of this product damage, power cut-off and other acts.

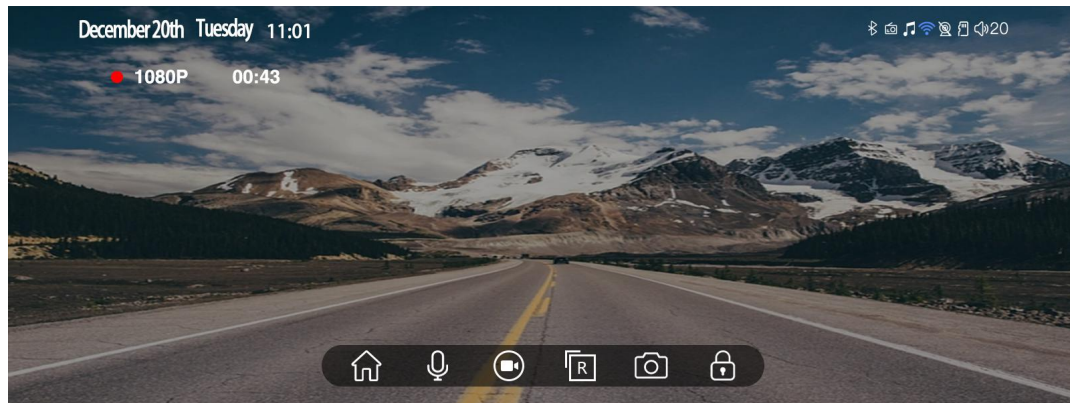
6、(1) The instruction manual is for reference only, please refer to the real thing. This product is only a record algorithm function of the terminal high-definition products, the use of vehicles will not cause rear-end collision or forced rear-end, scratch and other traffic accidents of any different degrees of damage. If you encounter a fine or traffic accident during the use of this product, the company will not be responsible for the resulting claims, loss compensation and other responsibilities.

(2) We reserve the right not to inform you of any possible adjustments or upgrades to the firmware due to product updates including, but not limited to, product specifications and packaging patterns.

(3) The company also advocates civilized driving, abide by traffic rules.

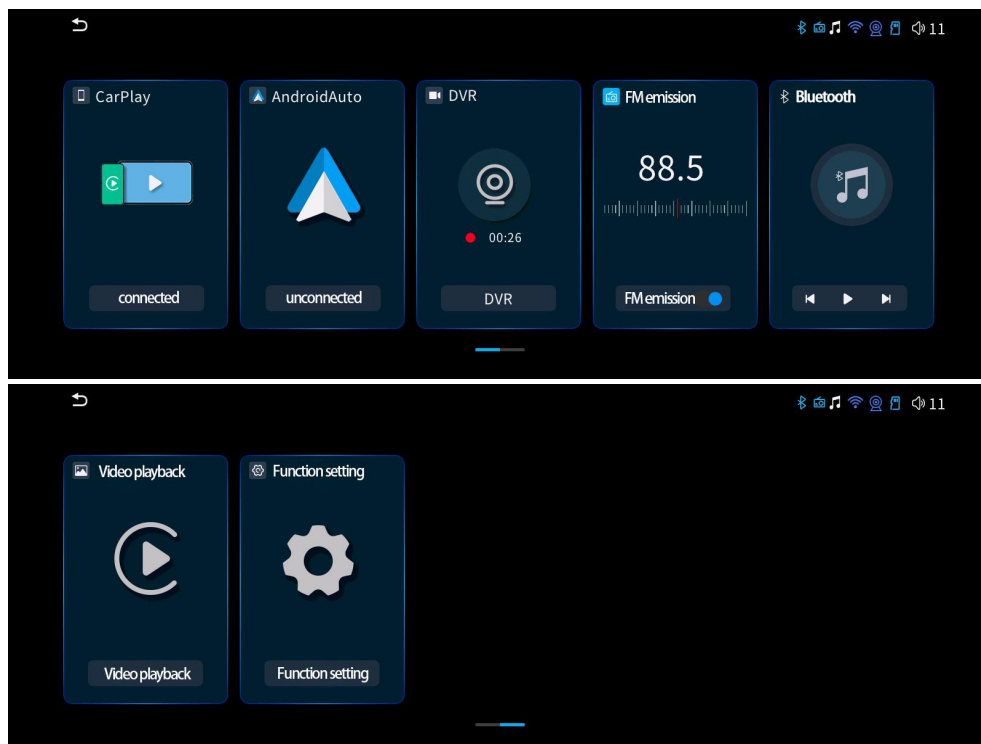
二、 Basic function of the product

1.1 UI Interface display



Note: In the video preview interface, swipe the screen left and right, you can switch the pre-recording, post-recording, double-recording lens display interface; swipe up and down the left and right areas is to adjust the camera perspective.

2.2 Home Button



Click on the home button to enter the home screen interface, the top left corner of the screen shows the date, week, time, the middle of the screen is a menu display.

*Carplay: Click on Carplay, enter the Carplay Connection Guide interface, connect to CarPlay, CarPlay screen can be entered, can use CarPlay call, navigation, music,

etc. (Note: ISO mobile phone use CarPlay connection)

*Android Auto: Click on Android Auto, go to the Android Auto Connection boot prompt, after connecting to Android au, you can go to the Android Auto Interface, you can use Android Auto Call, navigation, music and so on (Note: Android phone use Android Auto Connection mode, need Android phone support)

*DVR: Click DVR to go back to the video preview recording interface.

*FM launch: Click on FM launch, enter the FM launch interface, you can adjust the frequency of FM launch

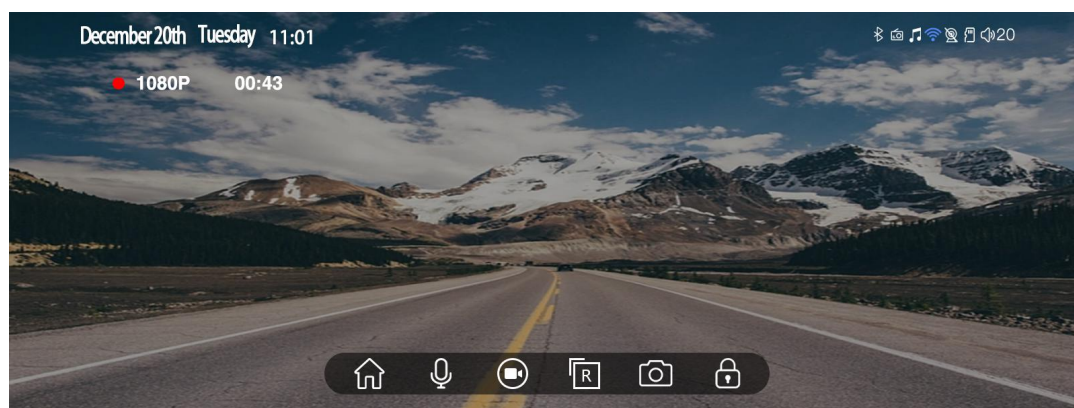
*Bluetooth: Click Bluetooth, enter the Bluetooth settings interface, can use bluetooth music, Bluetooth dialing function

*Video playback: click to enter the video playback, showing pre-recorded, post-recorded video files and photo file thumbnails, full-screen play, delete, switch to one or the next file and so on.

*Function settings: click to enter the function settings, the “Video settings”, “Display settings” and other items to set the operation.

2.3 Event Data Recorder

Click on the event data recorder to enter the recording screen, as shown below:



*MIC Switch button 

When recording, click the button to turn off or turn on the recording function.

*Start/stop video button 

In standby mode, click the button to start recording; in recording mode, click the button to stop recording.

*Before and after recording image switch button 

In standby state, click the button, you can switch the pre-recording, post-recording lens, the interface will be corresponding to show pre-recording, post-recording images.

*Photo button 

In standby/video mode, click the button to take a photo/snap.

***Lock Button** 

During the recording process, click the button to lock the current recording; after recording for 1 minute, unlock the recording.

2.4 FM Launch

Support to smart screen sound at 88-108 mhz to the original car audio; FM launch open, REAL CAR FM set to the same FM, audio from the local speaker to the car audio output, can enjoy the car speaker effect.

NOTE: FM can achieve the same frequency band suppression, the original car radio to the local radio, the radio is completely suppressed by the smart screen, there will be no noise interference.

2.5 Carplay Screens



ISO mobile Bluetooth connection device Bluetooth, in the mobile phone box to select the “Use Carplay Car” , the successful connection can enter the carplay projection screen

2.6 AndroidAuto Screens



Connect your Android phone to Bluetooth, turn on “Wireless t-projection” in the Android Auto Option, and you’ll be able to access the android auto projection screen

2.6 Bluetooth connection

* screen-casting mode: when the screen-casting mode is switched on, Bluetooth will be restarted automatically. If the screen-casting mode is switched off, Bluetooth will not be restarted automatically.

* Bluetooth reboot: you can manually restart Bluetooth and connect to it, projection

* Bluetooth pairing: show the paired Bluetooth address, cancel pairing, cancel the saved pairing of Bluetooth

2.7 Use The automatic recording function

Start the car engine, the recorder automatically start and turn on the recording function. Turn off the car engine and the recorder automatically saves the recorded content and shuts down. The recorded image is segmented on a TF card, and when the TF card is full, the recorder overwrites the earlier recorded image.

【Attention】

- A. The time period recorded automatically defaults to 1 minute per video
- B. Camera, video file stored in TF corresponding category “Norm”, “Norm” file. File name format: date-time. MOV.

*Circular recording and video file management mechanism

Boot T card pre-allocation: T Card reserved 5% , the remaining 95% (normal recording 80%, emergency recording 14%, 100 photos) according to this allocation cycle delete

2.8 Collision sensing function with one-button locking

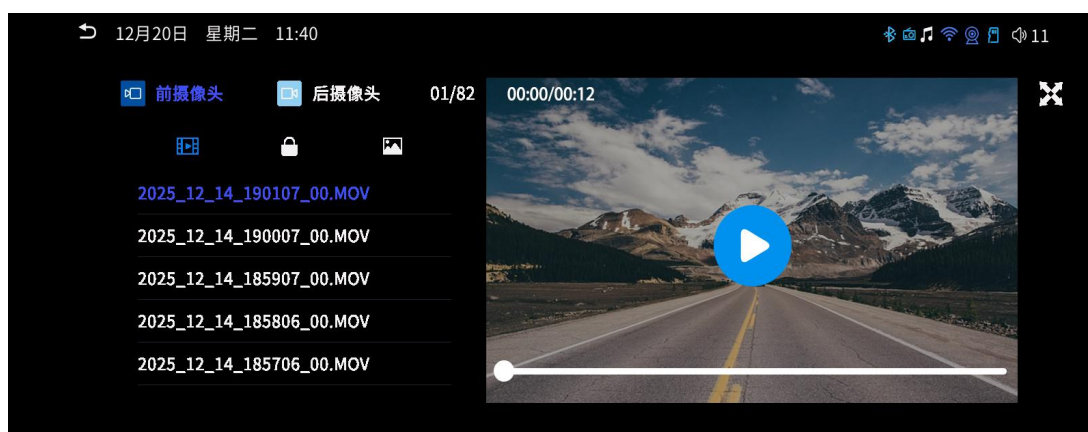
function

This machine has built-in collision sensor (G-sensor) . When the machine is on standby, click the menu button, go to the function settings menu, then click the detection settings, set collision sensitivity (this function is turned on by default, sensitivity is medium, sensitivity level can be set according to actual needs) . In the event of a serious collision, the event data recorder will automatically enter the emergency video interface and lock on to record the current accident. Locked video files are automatically saved to an EMR folder, which is not overwritten with regular video.

This machine has a key lock function. In video mode, when you click the lock button, the icon will turn yellow to prompt you to start emergency recording. The recorder will lock the current video and move it to the EMR folder, the files in this folder will not be overwritten with a normal video loop.

2.9.1 Play back the file

On the home screen, click on the video playback menu to go to the file playback screen, as shown in the following figure:

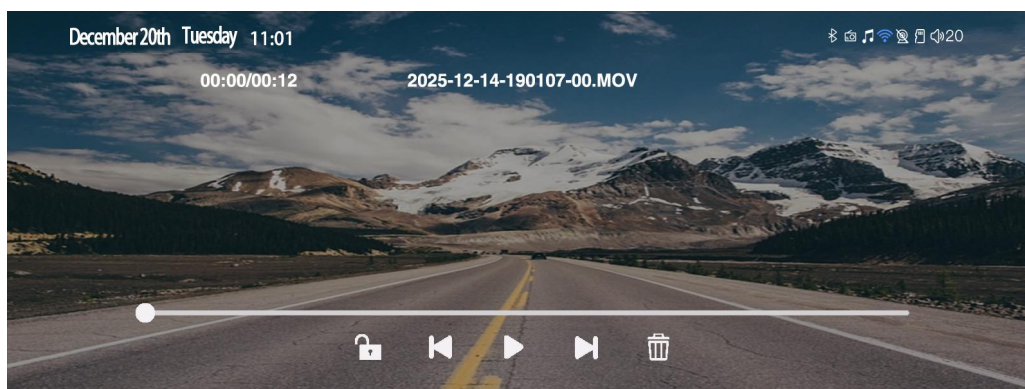


2.9.2 Playback interface button description



Pre-recorded video files browse button, click to view pre-recorded video files on the computer.

-  Post-recorded video file browse button, click to view the local post-recorded video file.
-  Normal video file browse button, click to view the machine normal video files.
-  Lock the video file browse button, click to view the locked video file.
-  Click on the full-screen play button, and the video enters the full-screen play screen, as shown in the following figure:



2.9.3 Full-screen interface button description

-  Lock/unlock the current playing video file.
-  Play the previous video file.
-  Pause/play the current video file.
-  Play the next video file.
-  Deletes the currently playing video file.
-  Exit the full-screen interface and return to the previous interface.

三. Description of the function settings

3.1 Video settings

- *Watermark information: open the watermark information, in the video file can show the time and date, after closed, do not show.
- *microphone: the microphone is turned on to record an audio picture for audio output only when it is played, and the recorded video is played without audio output when it is turned off.
- * Post-recording: the post-recording is turned on and the recorder is connected to the post-recording camera, which automatically records the post-recording and files are automatically stored in the norm folder.
- * anti-flash mode: 50HZ and 60HZ options.

3.2 Display the settings screen

Streaming Media: turn on streaming media, each boot default preview image is the post-recorded camera scene; turn off streaming media, each boot default preview image for the last shutdown scene, with memory function. Split Screen: open split screen, can show double-record screen at the same time.

3.3 Detection settings interface

- *Stop Video: after the vehicle is stationary, the battery is charged in the case of the vehicle by a certain force of vibration, will automatically start the video action, shooting 20 seconds after the automatic shutdown.
- * Time-lapse video: turn on time-lapse video, which is compressed while the recorder is monitoring, such as a video that is compressed to one point for every 25 minutes recorded, which not only guarantees the integrity of the content but also saves a lot of space, to a certain extent, can be achieved all-day monitoring and protection of the car.
- * Power Supply Mode: there are two modes to choose between car charging and ACC, which can automatically identify the power supply mode according to the actual charging situation.

3.4 Storage settings interface

Query TF card status and total memory information, can format the memory card. Note: When the T card is first inserted into this device, format it on the device before using it.

TCardAfter formatting on the device, the background automatically pre-allocates read-only files:TCardOf the remaining 95% , 14% were for emergency recording, 80% for general recording, and 600M for pictures

3.5 WiFi

Display the WI-FI ID information and password. When turned on, the phone can search for the local wi-fi. For Android or iphone downloads, the recorder displays screen apps such as: (roadcam/6 frame probe) and other apps by connecting to the recorder's wi-fi hotspots, the mobile phone can record video, take photos, switch lenses, browse files and other operations simultaneously with the recorder.

3.6 System setup interface

Touch Sound: when the touch screen is opened, there will be touch sound output when the touch screen is operated; if the touch screen is closed, there will be no sound during the touch screen operation.

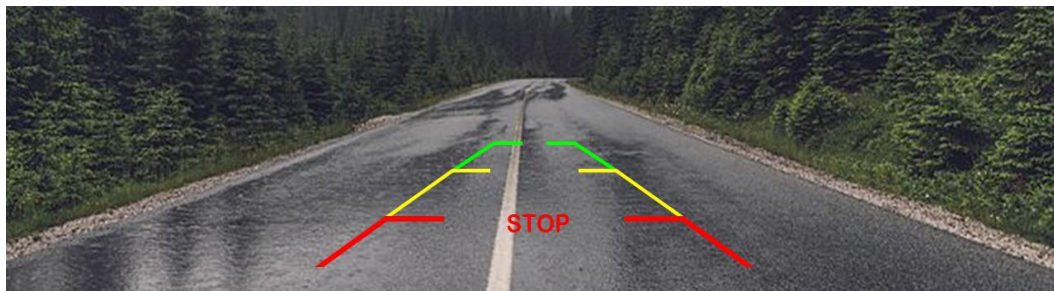
Language: the default Chinese machine, Chinese, Chinese traditional, Japanese, English and other options.

Time settings: local time can be set.

Volume: drag the progress bar left or right to adjust the volume.

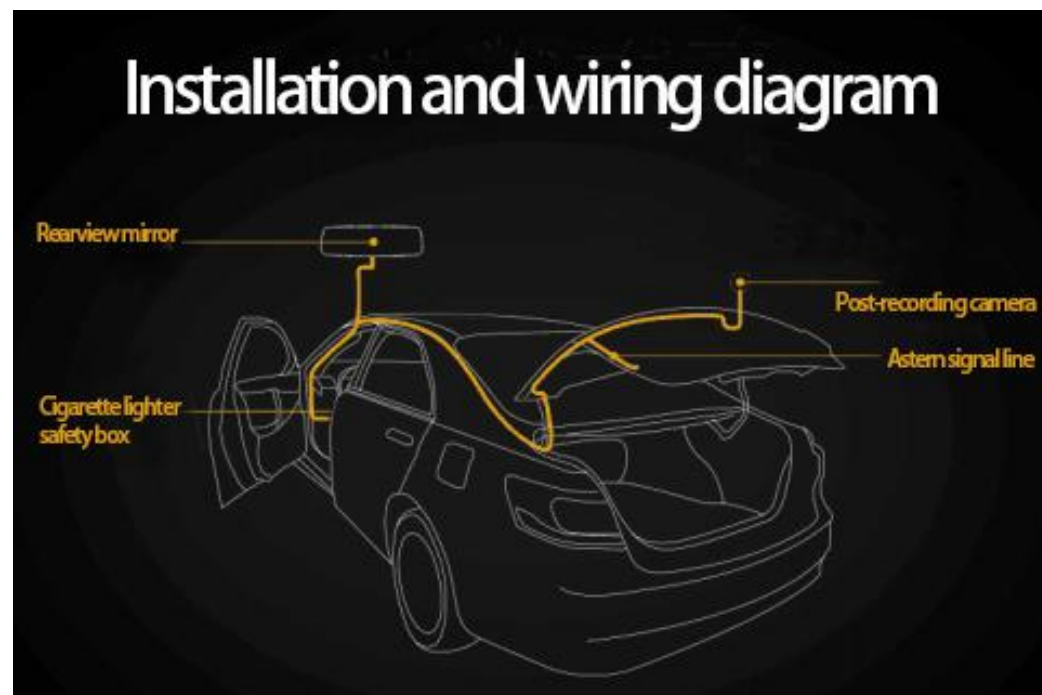
Restore factory settings: factory default data can be restored.

4.0 Reverse display



After connecting the post-recording camera, the car segment changes to the reverse gear, the recorder enters the reverse picture.

四、Installation schematic



1. When the engine is off, the machine is fixed on the rearview mirror of the original vehicle with the bandage, and the rearview mirror of the original vehicle must not block the camera in front of the recorder.
2. The line will be hidden in the driver's door seal, straight down to the safety box, car charger from the storage box, choose from under the floor mats through, then connected to the cigarette lighter above. (Note: drawdown wire: the positive wires of B long power supply, ACC and drawdown wire are all connected to the controller of the fuse box, and the black negative wire can be grounded)
3. Use the same method to hide the rear camera cable from the top into a gap in the interior, all the way to the boot plate.
4. Thread the cable through the gap between the license plate lights in the trunk and connect the camera. You can re-energize the machine and test whether the rear camera is normal. When you are finished, you will see a red line (reverse trigger line) . If you need the reverse rearview feature, you can connect a single red reverse trigger wire to the 12V positive pole of the reverse taillight power supply.

五、Points to note

In order to avoid causing injury or property damage to users or other personnel, please read carefully and follow the following usage notes.

1. Read the instructions: you must read and understand all the instructions before operating the machine.
2. Keep this instruction manual: After reading it carefully, you must keep it well for future reference
3. Comply with all warnings and instructions: for this product and all instructions on the instructions, the warnings and instructions must be strictly followed.
4. Accessories: do not use accessories other than those recommended by this manufacturer. Accidents may occur if improper accessories are used.
5. Do not disassemble or modify the product: it is strictly prohibited to disassemble or modify the machine, or to cut the cover of the power cord and connect it with other power sources, will cause the product to smoke, fire, electric shock or cause the risk of failure.
6. Do not allow foreign objects into the machine: if metal items (coins, tools, etc.) or flammable materials into the machine, may cause a short circuit and heat, fire, electric shock and the risk of failure.
7. When there are troubles and anomalies: when the machine smoke, smell and other abnormal clear, please immediately stop using and turn off the power and contact the distributor, in order to avoid fire or electric shock and other dangers.
8. Should avoid heat source: please do not install this machine in the exposure to direct sunlight, high temperature place.
9. Use proper power: this machine is designed to use a 12V DC cathode grounded battery system.
10. Safety Check: Please do not try to repair the machine by yourself, let the maintenance staff carry out safety check after repair to ensure that the machine has been able to work properly.
11. Do not operate while driving: if you operate while driving, it will cause traffic accidents because of lack of attention ahead, be sure to park the car in a safe place after the operation.

12.

When washing the car: do not let the machine, including speakers and other supporting equipment suffered from excessive water and moisture.

13. Parking: the car parked in the sun will make the car temperature too high, open the machine, the first cooling.

六、Common faults and solutions

If you encounter the following problems in use, troubleshooting wizard will help you quickly solve, if the problem is still not resolved, please consult a professional or to the sales office, do not disassemble the machine, before there are serious consequences!

Phenomenon	Reason	Treatment
Can't turn it on	The vehicle did not start	Start the car and let it run on electricity
	Power cord plug is not firm, unstable	Re-plug and unplug the Power Cord
	The power cord fuse of this machine may be burnt out	When replacing the fuse and connecting to the fuse box, please measure the voltage stability first
The recorder screen blurred video can not play properly	1. Check that the lens protective film has been torn off. 2. The front windshield of your car has a smudge. 3. The camera is not clean enough. Please check the surface of the camera for dirt or fingerprints	
	1. Check Video TF card is not read-write Normal 2. Check TF card speed is C10 reading and writing speed 3.5% . The video card can be moved to the PC side for playing	

FCC Caution.

§ 15.19 Labelling requirements.

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.

§ 15.21 Changes or modification warning

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

§ 15.105 Information to the user.

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.

RF warning for Mobile device:

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.