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CHUANGRONG

CRE Multimedia Projector

Manual



CRE Electronic Technology Co., limited, Hunan, China

Directory

Chapter 1	Overview -----	01
Chapter 2	Equipment connection Settings -----	03
Chapter 3	Android Desk -----	06
Chapter 4	External channel (OSD) Setting -----	12
Chapter 5	Maintenance -----	13

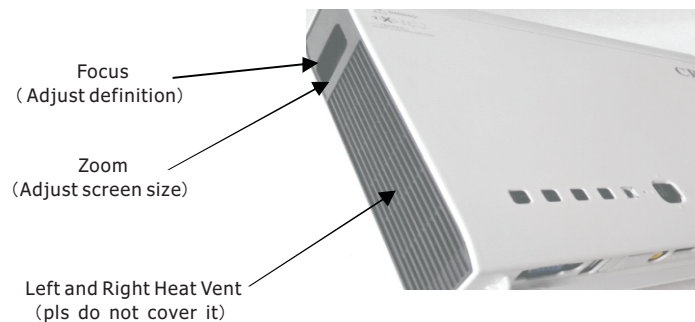
Accessories

- Projector----- 1pc
- Power Plug----- 1pc
- HDMI Cable-----1pc
- Instruction Manual ----- 1pc
- Remote Control ----- 1pc
- 4 Bolts for Fixing ----- 4pcs

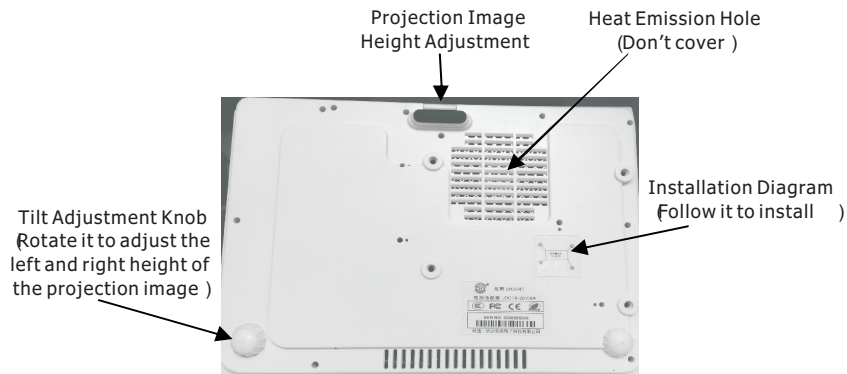
Chapter 1, Overview

Overview

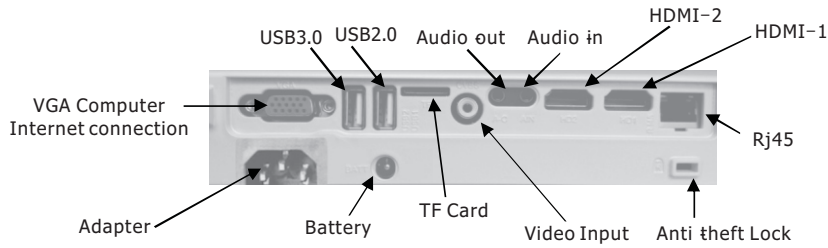
Top/Right Side Overview



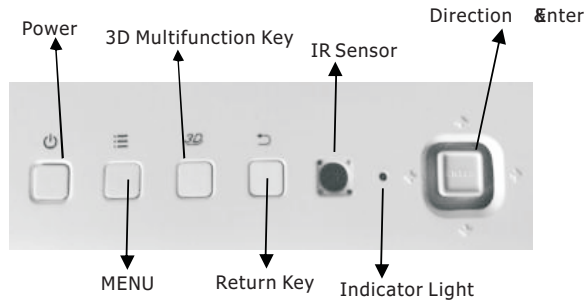
Bottom Overview



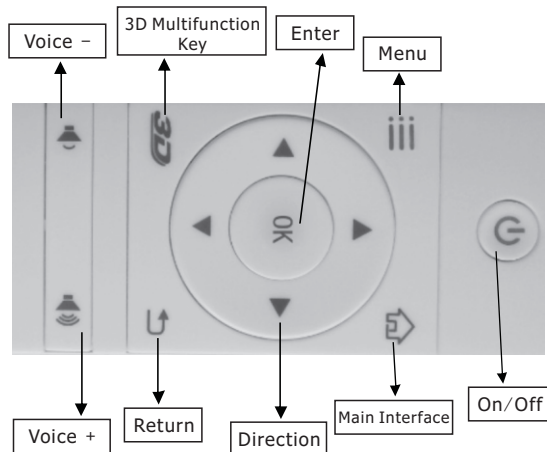
Back Overview



Key Overview



Remote Control Overview



Importance:

1. Make sure no obstacle between remote control and projector. If there is obstacle between them, remote control signal may be reflected back by the particular surface, which will affect operation.
2. Buttons and keys on projector have the same function with buttons of remote control. Our manual introduces functions based on remote control.

Chapter 2 Equipment connection Settings

Warning: To be safe, cut power between projector and relative equipment before connect projector cable.

Select the Signal for the Projector

When you connect projector with different equipment, you should choose corresponding input channel on main interface. Otherwise, there will have no image to be projected out.

1. Choose the connection input channel. by direction key
2. Press Ok to confirm
3. Press Return key to last step



Projector Connection Setting

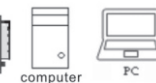
Connect with HDMI device

Use HDMI cable to connect projector with HDMI device.



Connect with Personal Computer

Use VGA cable to connect projector with personal computer.

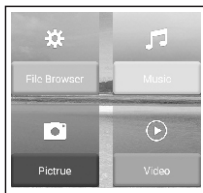
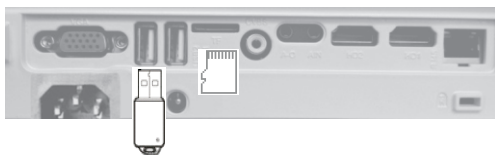


Note:

PC must have a VGA output port, then you can use VGA cable to connect projector.

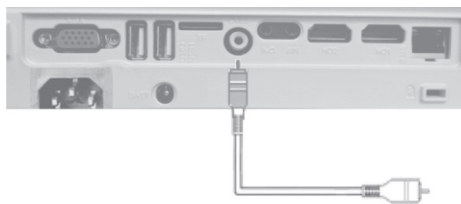
Insert USB flash driver T /F card

Insert the storage device into the corresponding port, then the USB flash driver/TF card will be connected to the projector..



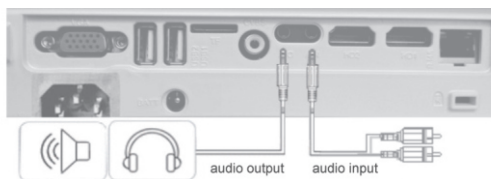
Connect the Video

Connect the video equipment to the projector by video cable.




Connect the Audio

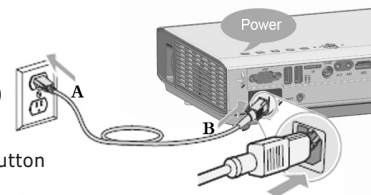
Insert earphone or 3.5mm audio cable to the projector audio output ,insert the audio cable from DVD, Set Top Box or other signal devices to the audio input .Then there will be audio out to the earphone or external mini speaker.



Turn on /off the Projector

1. Connect one end of the power cord to the wall power supply socket (A), and the other end connected to the three hole socket (B) of the projector.

2. Press remote control button  or press button "POWER" to turn on /off the projector



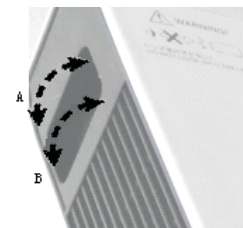
Adjust Image

Using image focusing control button (Located on the side of the projector)

Adjust the projected image sharpness(A).

Using image zoom control button (Located on the side of the projector)

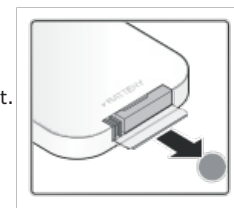
Adjust the projected image size (B).



Set the Remote Control

The remote control is equipped with a 3V lithium battery (CR2032). Battery was pre-installed in the remote control. If shipping way does not support battery, you need to buy it.

Before using the remote control, take out the plastic sheet from the battery compartment.



Change Remote Control battery

1. Toward the direction of arrow ,move and pull out of the cover.
2. Remove the old battery, install new battery(the positive upward).
3. Fit on battery's cover.

Note:

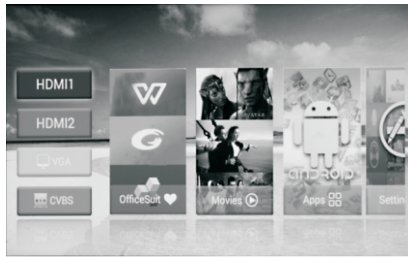
1. Can only use 3V lithium battery (Cr2032)
2. In accordance with the relevant local regulations dispose the waste batteries.
3. The battery should be taken out if you do not use the equipment for long time.

The remote control controls the projector through the infrared transmission . Remote controlling the radius of about 7 m (23 ft) and above or below projector's range of 15 degrees ,it can work normally (but the remote control can not be perpendicular to the bottom of the projector).

If the projector does not response to the remote control instruction, please move it near to the projector.

Chapter 3, Android Desk

Overview

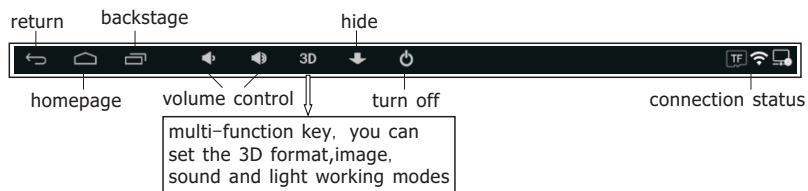


- HDMI VGA CVBS – An external device fast connection
- Office – Some commonly used office document browser
- Movies – Some commonly used network player
- Application – All applications after installation
- Setting – Projector and system settings
- File Browser – Browse the mobile device resource
- Video, Music, Picture – Play the corresponding file in the mobile storage device

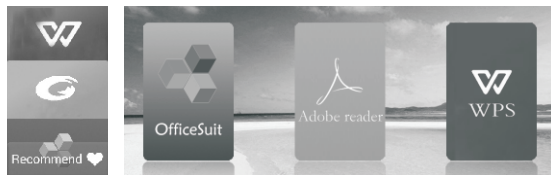
Screen Tools



Click the left corner at the bottom of the screen



Office document browsing



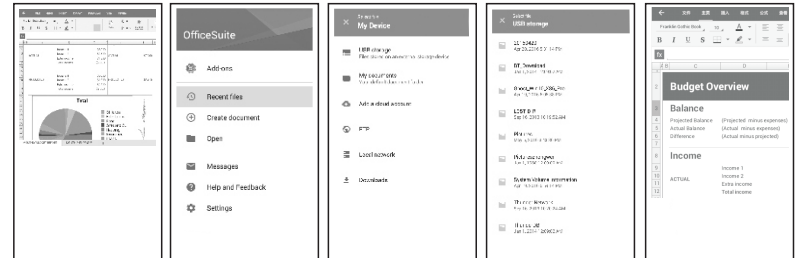
supported formats

Document browser can open the following types of documents:

- MS office word ver97/2000XP/2003/2007/2010
- MS office Excel ver97/2000XP/2003/2007/2010
- MS office PPT ver97/2000XP/2003/2007/2010
- Adobe PDF 1. 2/1. 3/1. 4/1. 5/1. 6/1. 7
- TXT text • Epub • CHM • HTML
- Image files (bmp gif png jpeg)

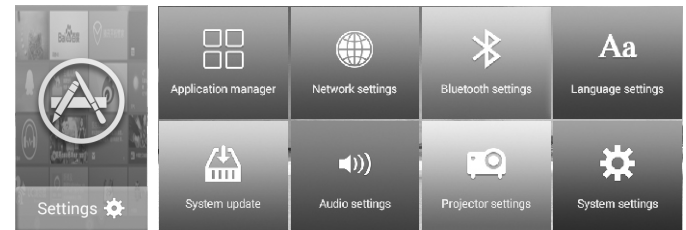
View the document

To open a document file in a browser, please follow these steps:

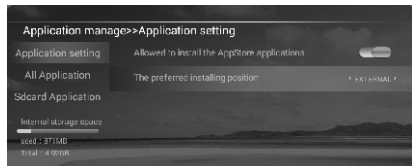
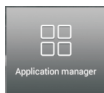


1. Click the button "menu" at the upper left corner
2. Click the button of "open"
3. Select file storage device
4. Select a file
5. Open the file and browse

Settings



App settings



Setting the location of app installation
System confirmation / SD card / internal storage

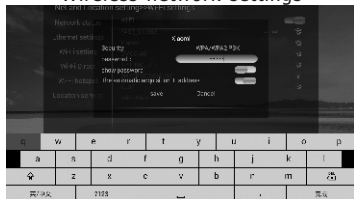


App management
Start up / unload / clear data

Network settings

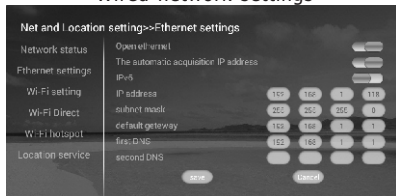


Wireless network settings



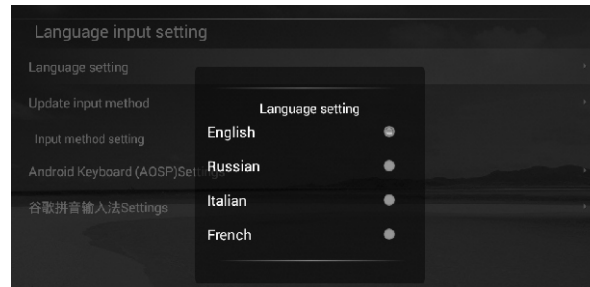
Select the network you want to connect,
enter the password and click save,
it will connect the network automatically.

Wired network settings



Open the wired connection and select
auto IP or connect to IPv6 protocol

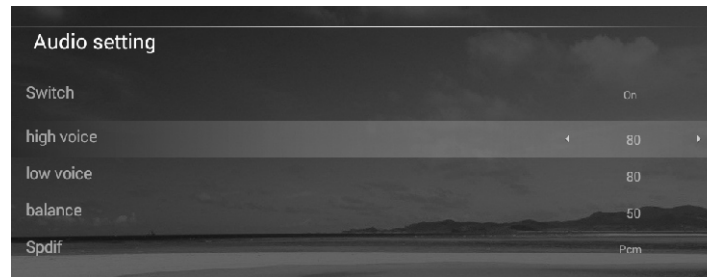
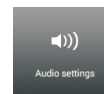
Language settings



Language settings
Modify the default input method

Modify system language
Modify the input methods of keyboard

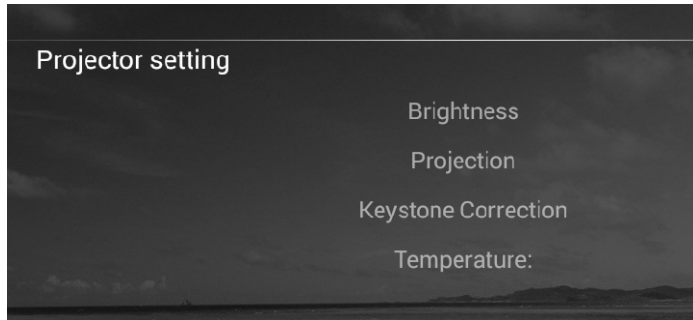
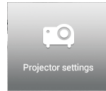
Audio settings



Switch
High voice
Low voice
Balance
Spdif

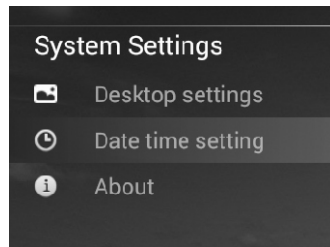
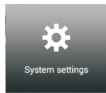
Set the sound output on / off
Audio treble setting 0-100
Audio bass setting 0-100
Set the left and right speaker volume balance 0-100
Set audio interface signal output type

Projector settings



Brightness	Saving mode / highlight mode / office mode
Projection	Front projection / rear projection / upside down front projection / upside down rear projection
Keystone correction	Keystone correction manual correction ± 100
Temperature	0°-70°

System Settings

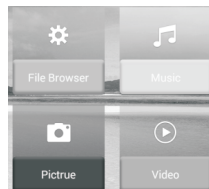


Desktop settings	Modify the desktop background picture
Date time setting	Modify the system time
About	Display system information

Playing mobile stored devices

When you want to play a file in a mobile device, please select the correct type of window and enter.

Resource manager	Browser or play all types of files
Music	Only play the supported formats of music file
Album	Only play the supported formats of pictures
Video	Only play the supported formats of videos



Support following music file formats:

MP3, WMA, WAV, OGG, FLAC, AAC, LC-AAC, APE

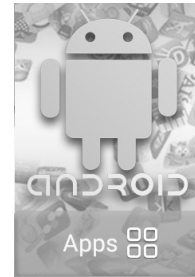
Support following image file formats:

JPG/JPEG, BMP, PNG, TIFF, GIF

Support following video file formats:

RM/RMVB, AVI, TS, M2TS, MTS, MKV, MOV, FLV, DVD-ISO, BD-ISO, VOB, MPG, DAT, ASF, TP, TRP, WMV, IFO, SWF, 3GP, EVO, DIVX, MP4, OGM

Multi-screen interaction



Android Series

ISO Series

Choose the corresponding application icon to enter, according to the following ways to connect.

Common android mobile phone wireless screen mirroring setup steps:

- Samsung Settings -> Settings -> more Allsharecast
- HTC Settings -> media output
- Xiaomi Setting -> more wireless connection -> wireless display
- Huawei Settings -> display -> wireless display
- Lenovo Settings -> display -> wireless display

Apple's IOS system setup steps

- Airplay -> Search equipment -> Connection -> Click on the mirror image -> Click finish

Note:

Using equipment and projection must work in the same network conditions. Use the wireless screen mirroring function, the mobile phone devices should support with screen function, and setup the devices in correct way.

Chapter 4

External channel (OSD) Setting








OSD menu control

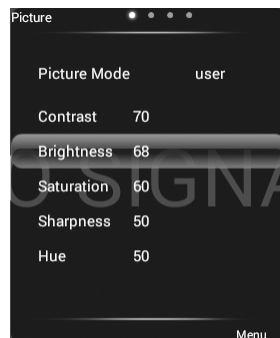
The projector external channel has screen display (OSD) setup menu can be used to adjust and change the settings.

Four submenu in OSD menu :

- Picture- Adjust the image quality in this menu.
- Sounds- Adjust sound effect in this menu.
- Setting- Adjust menu display time in this menu.
- Time- Setting automatic switch time.

If you want to to adjust the Settings menu, please perform the following steps:

1. Press  key to enter the OSD menu and then press  choose the menu need to setting.
2. Press  or  button, choose the item need to adjust and then press OK to entry.
3. Press  or  button set parameters.
4. Press  to save setting.



Item	Instructions
Picture mode	Setting picture display mode, adjust picture effect. (User, Bright, Standard Soft)
Color Temperature	Adjust the image display different color temperature. (standard warm cold)
Zoom Mode	Adjust the image display aspect ratio. (Automatic point-to-point 16:9 4:3)
Image noise reduction	Setting reduce noise level (Low Middle High Automatic Off)
MPEG noise reduction	Setting reduce noise level (Low Middle High Off)
PC iamge adjust	Setting reduce noise level (Low Middle High Off)

Note:

Some parameters need to adjust it in user mode. Because of the different signal sources, OSD items could be settled will be different. For example, when the projector is connected to PC via VGA, user can alter the "horizontal position/vertical position" of "picture>PC image adjust" menu. If connected to other signal source, this setting could not be changed and display by gray color.

Chapter 5, Maintenance

Cleaning the Projector

Cleaning the projector to remove dust and grime will help running normally.

Warning:

1. Before cleaning, turn off the projector and unplug the power cord. Otherwise, it may result in injury or damage to the system.
2. When cleaning, you should only use a damp cloth. Do not allow water to enter the ventilation of the projector.
3. If a little water enter the interior of the projector when cleaning, please don't connect the projector to power, the projector should be placed in a well ventilated area for several hours before using.

Cleaning the Lens

Cleaning fluid of optical lens can be purchased from most camera stores and other retail shops. To clean the projector lens, perform the following steps:

Note:

1. Do not use abrasive cleaners or solutions.
2. To prevent discoloration or fading, do not let the cleaning liquid contact projector cabinet.

Simple Troubleshooting

The operation of the machine is very simple, generally in use will not encounter any problems. Sometimes on the operation and connection of peripheral equipment of the machine will be caused by some fault illusion, please refer to the following for troubleshooting. If malfunction cannot be solved in the end, please contact the company's after-sales service.

After-sales service no: +86 731-83751062

Problem of no Image

- Use another electrical device to confirm the power socket is normal.
- Ensure the projector is turned on.
- Make sure all connections are secure.
- Make sure selected the correct signal input source.
- Make sure the connected device is turned on.
- Ensure a connected PC is not in suspend or sleep mode.
- Make sure the laptop is configured with external display correctly.

Problem of Remote Control

Problem: The projector does not respond to remote control commands.

1. Point the remote control at the remote sensor of the projector.
2. Make sure there are no obstructions between the remote control and the sensor.
3. Turn off the fluorescent lights in the room.
4. Check the battery polarity.
5. Replace the battery.
6. Turn off other equipment infrared enabled in the near region.
7. Send remote control for repair.

FAQ

1. Can the projector be used together with PC, notebook or netbook?
Yes. Use a VGA cable or HDMI cable that comes. If there is a corresponding HDMI or VGA port on the PC, laptop or netbook, the projector can connect to these devices. To play the audio, you need a stereo audio cable to connect the projector's audio jack.
2. Can the projector be connected to a game console, such as Microsoft® Xbox or Sony® PS3?
Yes. The projector can display content from the Xbox or PS3 console. Just use the HDMI cable to connect the game console with the projector.
3. Can the projector project the content from TV?
TV can generate image on its own screen. If you want to watch TV content, then need to connect a cable box, digital set-top box or satellite receiver. For example, if you use a cable box, you can connect it to the projector via the video cable or HDMI cable.
4. How to display images from a digital camera or USB flash driver?
By connecting the following devices to the projector, you can display the corresponding image or other content:
 - USB flash driver, hard disk, card reader
 - Digital camera
 - Smart phone
 - Media storage browser

After connecting the devices, you can use the projector media channel display images.

5. What kind of cables will be needed to connect video equipment to the projector?
If the video device configured the appropriate port, you can use the audio/video cable or HDMI cable to connect it to the projector. If you want to play audio, RCA cable can also be connected to the projector.

Distance and Screen Size

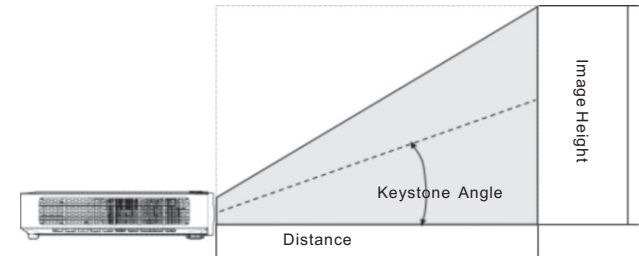


Image Size (Inch)	Projection Distance Max/Min (m)	Projection Area (m ²)
50	1.41--1.55	1.077*0.673
60	1.70--1.87	1.292*0.807
70	1.99--2.19	1.507*0.942
80	2.28--2.50	1.723*1.077
100	2.86--3.15	2.153*1.346
120	3.43--3.78	2.584*1.615
150	4.30--4.74	3.230*2.019
200	5.75--6.33	4.307*2.692

Disclaimer:

Our company reserve the right to make changes to the contents of this instruction manual without any advance notice. Continuous upgrading of the software may bring some differences to the OSD operation menu and the picture of this instruction manual, but does not affect the normal operation of the functional operation described in this instruction manual. We are sorry if this brings inconvenience to you, please kindly understand.

§ 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 Information to user.

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.