Smart lights
User Manual

User Manual

Unboxing Check

Thank you for purchasing our products, please read the instruction manual carefully before use. Instruction manual contains necessary safety advice and user instructions, follow the instruction manual to operate in order to avoid damaging the product for misuse. Check whether the product is damaged or not when you receive the product.

Packing List

* String Lights x 1
* Stick x 10
* Hook x 10
* User Manual x 1

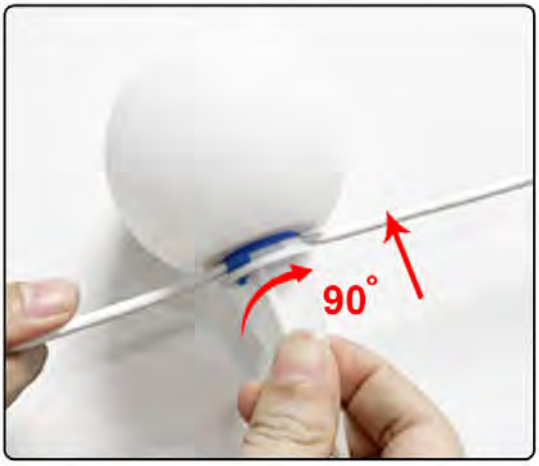
Specifications

Lead Wire Length	3m/ 9.9ft
Bulb Diameter	7.8cm/ 3in
Bulb Spacing	80cm/ 31.5in
Working Voltage	100-240V 50-60Hz 1A Max
Power Output	12V 2A
Control Way	App Control, Controller Button Control
Waterproof Rating	IP68(Lights), IP65(Controller), IP44(Adapter)

Installation

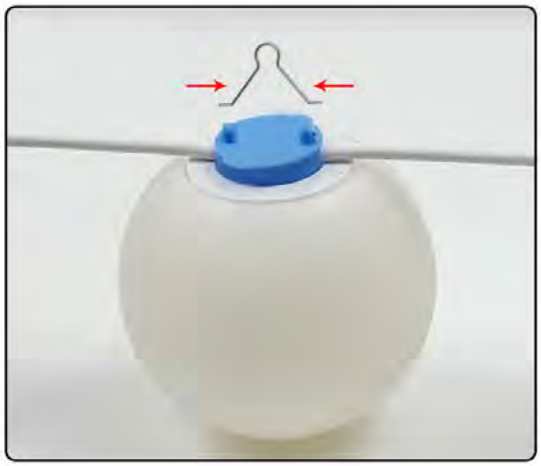
1. 1) Insert the stick as shown in the picture, and then rotate to fix it.

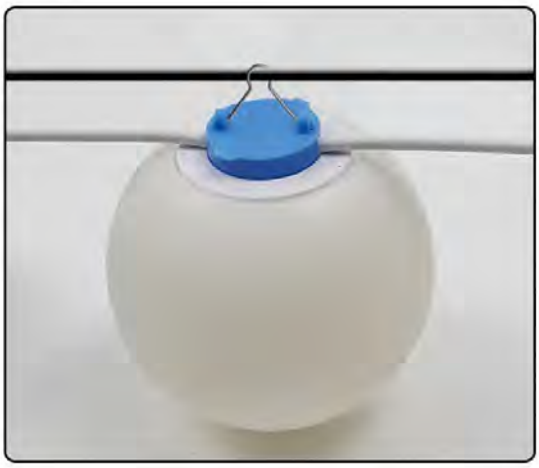
2) Put the lights on your yard/ lawn…



2. 1) Insert the hook into the bottom of the bulb.

2) Hanging the lights and fixing the cable firmly.





How to Use

I: APP Download

The public version of the APP is now available on major app shops worldwide. Search "Tuya Smart" or "Smart Life" in the app store or scan the QR code on the right to download.

II: Guidelines for fast equipment distribution network

1. Download the APP and register your personal account, turn on the Bluetooth of your mobile phone and connect to the WIFI network after successfully login in.

2. Press and hold the button of the controller for more than 5 seconds, when you see the light body light up in red and flashing rapidly, release the button, the device will enter the network state.

3. Click [Add Device] or the [+] plus sign in the upper right corner（Figure 1）. Wait for the system to automatically search for the device (Figure 2)，then click Add (Figure 3), click NEXT (Figure 5) after the connection is successful.

4. Enter the procedure of choosing WiFi and enter a password（Figure 4) Then click [Next] to light up the white light after a successful connection, finally click [Done] in the upper right corner to enter the main control interface of the APP (if the above operation is not successful, then return to the first step to re－operation).

Figure 1

Figure 2

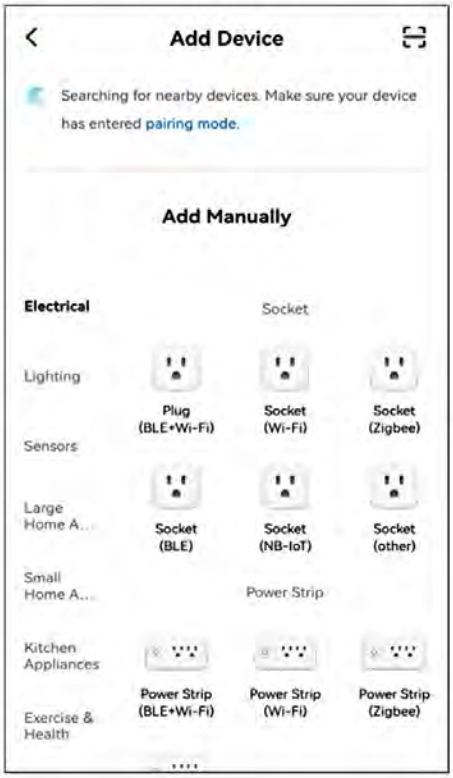


Figure 3

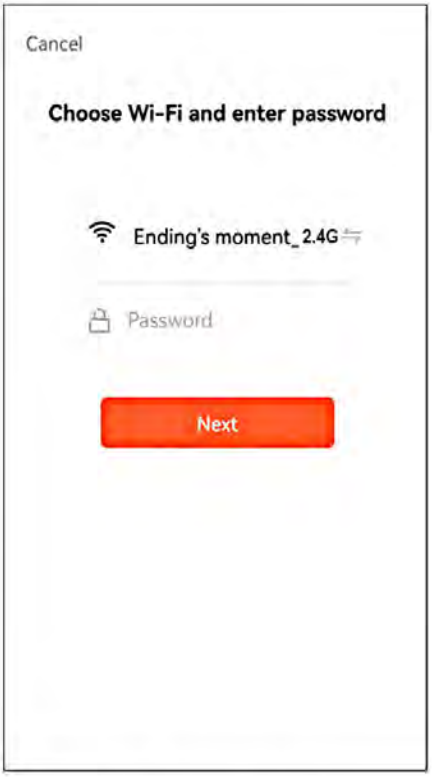


Figure 4

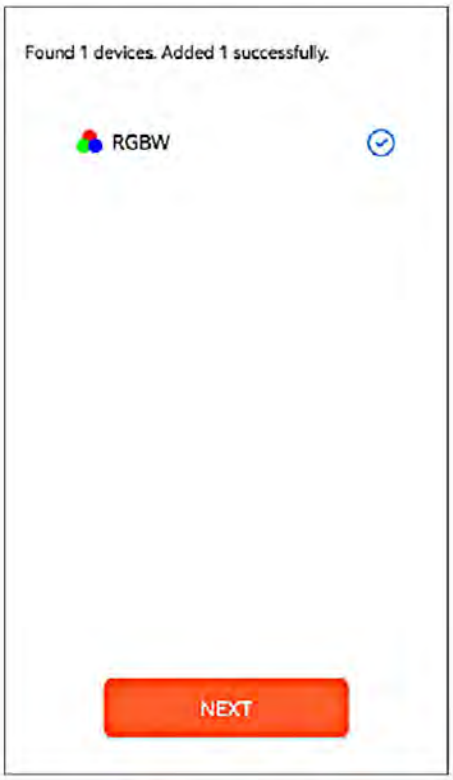


Figure 5

5. Equipment unbinding:

APP unbinding: On the HOME page, long-press the device to enter the editing page, select the device, and click the (Remove Device) to complete the removal (Figure 6). After the APP is unbound, the online device will also be unbundled automatically and will enter the fast networking function with the red light flashing.

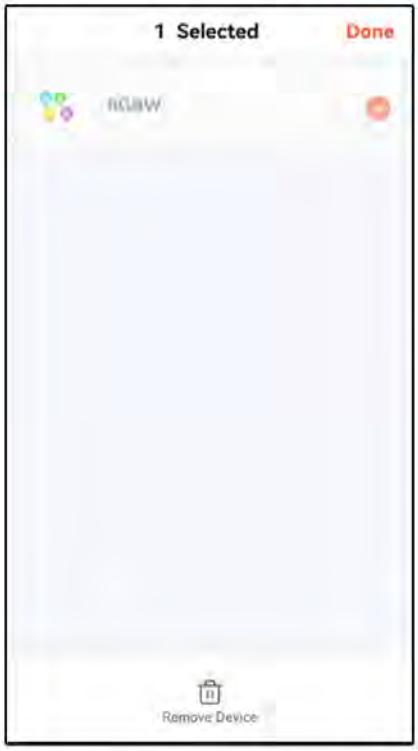


Figure 6

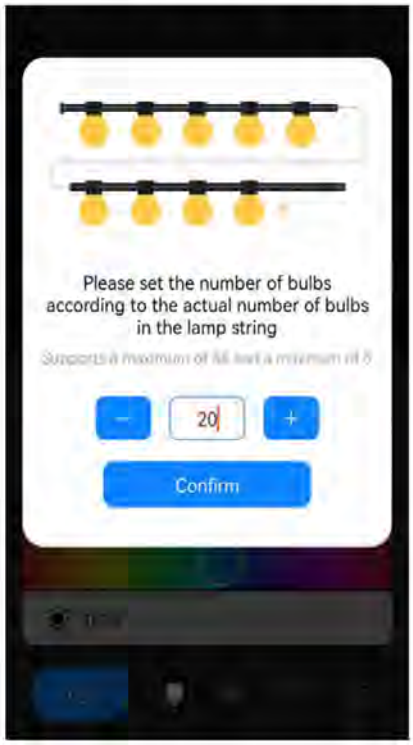


Figure 7

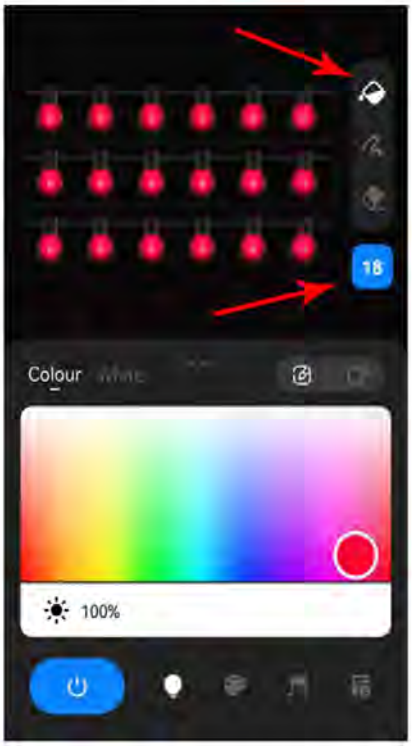


Figure 8

III:Function

1. Please set the number of bulbs before use（Figure 7), the APP can control up to 30 bulbs. You can adjust the number of bulbs you want to control at any time by clicking the numbers on the right side of the page（Figure 8).

2. Three settings that control the color of the light:

① Choose a color for all bulbs.

(Figure 8, The first option on the right side of the page)

② Choose a color for each bulb individually.

(Figure 9, The second option, choose the color first, then click the bulb)

③ Turn off some of these bulbs.

(Figure 10, The third option, click the light bulb)

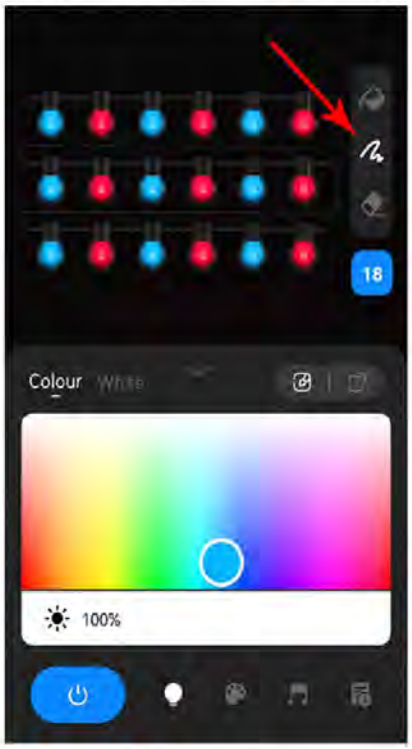


Figure 9

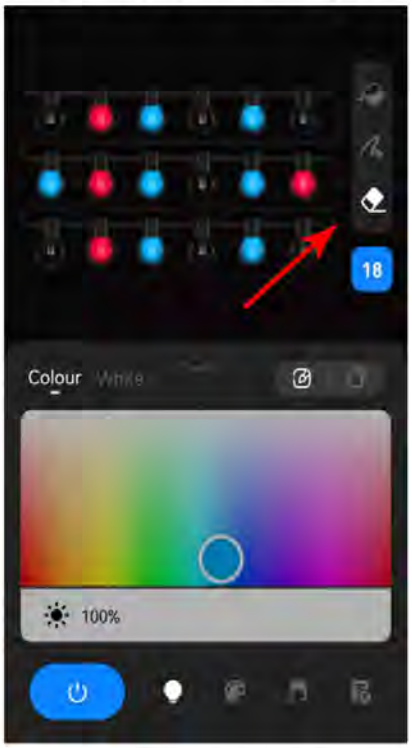


Figure 10

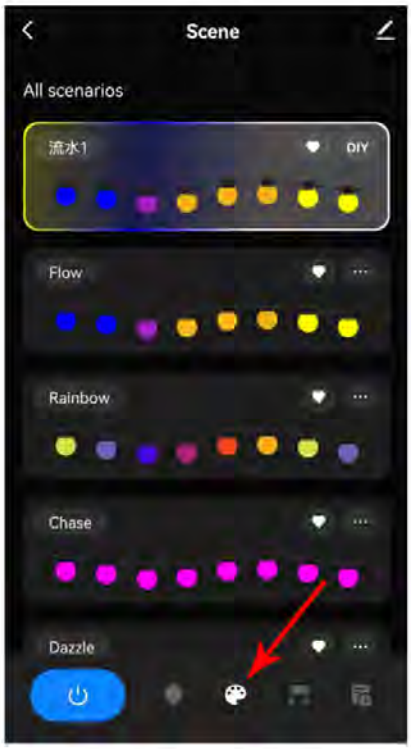


Figure 11

3. Dynamic mode settings:

① Select the second option at the bottom of the page to enter dynamic mode settings. (Figure 11)

② There are 8 basic schemes in dynamic mode. Click the icon in the upper right corner of the scheme to enter the editing page. You can edit light color, brightness and speed. Once set up, you can also name the scheme and save it.

4. Music mode:

Click the third icon at the bottom of the page to enter music mode. (Figure 12, Note that the music collection port is the microphone of the mobile phone, not the controller on the light string)

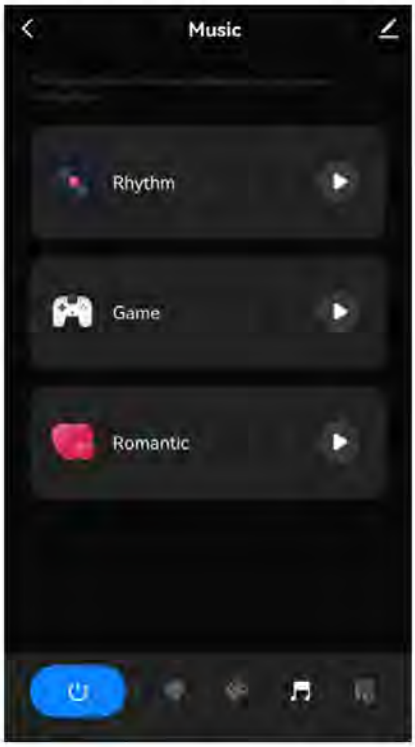


Figure 12

Figure 13

Figure 14

5. Delayed shutdown scheme:

Click the fourth icon at the bottom of the page to enter the plan page, and you can set the device to delay closing or opening. (Figure 13, Figure 14)

6. Scene settings:

Click the middle icon at the bottom of the main page of the APP to enter the scene setting(Figure 15, Figure 16). You can set a timer for your device, or make it turn on/off under certain conditions.

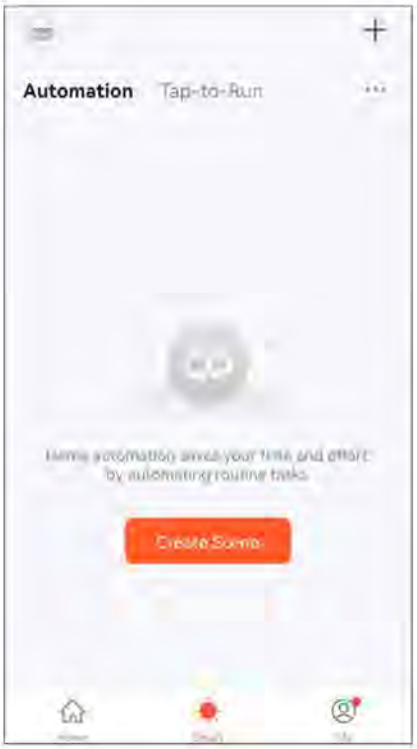


Figure 15

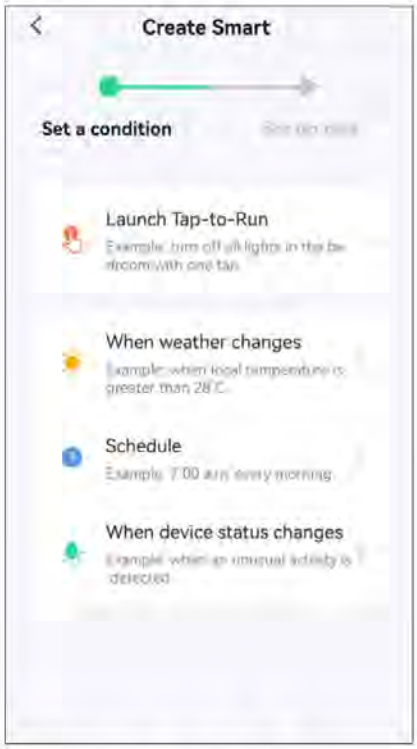


Figure 16

Figure 17

7. Create group:

You can create a group to control multiple devices at the same time. After ensuring that all devices are successfully connected, click the Edit button at the top right of any device page, select Create Group, add other devices, and click Save.(Figure 17)

Set the number of bulbs in the group to be the same as the device in the group with the most bulbs (for example, the group consists of a 20-bulb device and a 10-bulb device, then fill in 20)

8. Bluetooth Control:

The connected mobile phone and device can use Bluetooth to control the device after disconnecting from the WIFI signal of the mobile phone.

9. Device Update:

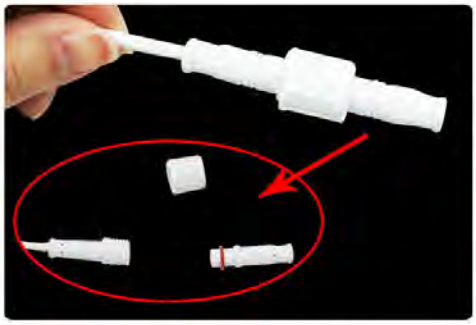
We will upgrade or optimize the related functions of the software based on user feedback, you can update the version here. (Figure 17)

IV: Control String Lights in Series

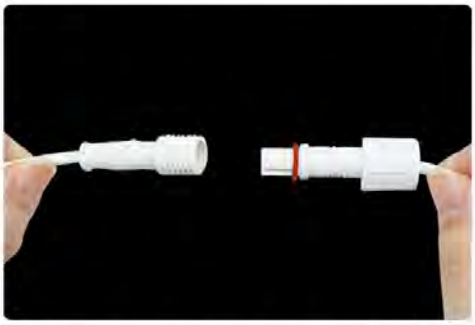
1. Connect string lights as indicated in the picture(Figure 18):

2. Control string lights in series

App control: select 20/30 bulbs(Figure 19, Figure 20)



① Remove the end plug of the string light.



② Connect the two string lights.

③ Tighten the nut.

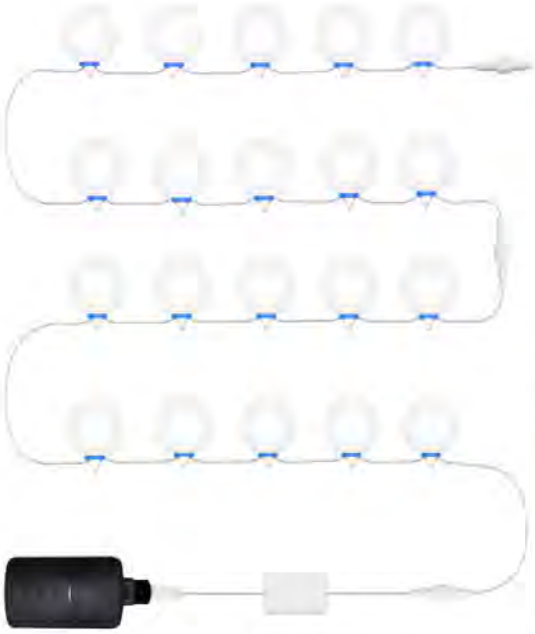


Figure 18

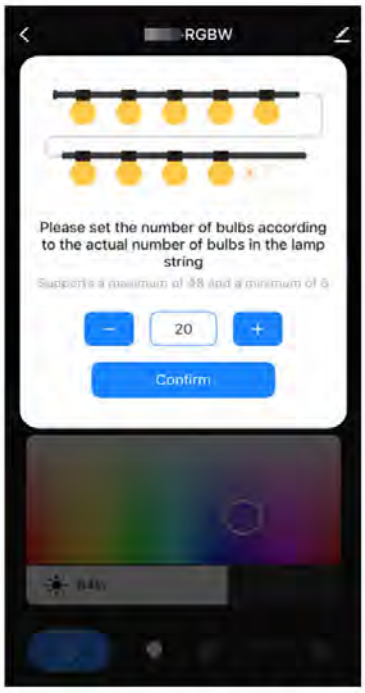


Figure 19

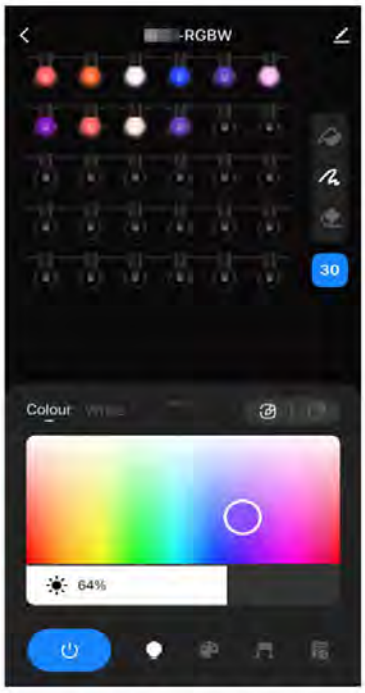


Figure 20

Notice:

1) Up to 3 string lights (30 bulbs) are allowed to be connected in series.

2) Make sure select “20/30” bulbs in the app before using 2/3 series string lights, otherwise the string lights won't wok normally.

3) When using only one string lights, tighten the end plug to avoid water immersion affecting the use.

Troubleshooting

1. Failed to connect to the app

1) Please make sure the device is powered on and the phone is connected to WIFI, and Bluetooth is turned on.

2) Before connecting WIFI, please adjust WIFI to 2.4GHz and turn on Bluetooth. When connecting for the first time, make sure your smartphone is close to the device and the router. The distance between product to router about 5 meters is recommended.

3) Turn your phone into a hotspot, connect this hotspot and app with another phone.

4) Please exit the Tuya app, or plug out and re-plug the string light, and then re-enter the APP to connect (make sure the device is in the pending connection state and the red light is flashing)

5) Make sure that the APP is the latest version.

2. APP control is not sensitive or loss of connection

1) Make sure the WIFI network is stable and the device is powered up properly.

2) Re-exit the Tuya program and re-enter the program to connect.
3) Update APP

3. About Color and Brightness
In the lighting interface, colors can be selected for both "color" and "white", the brightness of different colors can also be adjusted. When you choose the "white" and feel the lights are dark, it may be caused by the low brightness you adjusted before, you can adjust the brightness to 100%.

Customer Service

Warranty: 1 year limited warranty

Support: Lifetime technical support

Email: perfectlights@outlook.com

FCC ID:2A64Z-MKR-SL-01

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. 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.