EWW631-B1 Access Point Quick Setup Guide

This Quick Setup Guide provides step-by-step instructions on how to install and begin using your SonicFi EWW631-B1 dual-band 802.11ax indoor Wi-Fi access point (AP).

Upon following the steps outlined in this guide, you will be able to access the EWW631-B1 Access Point Wall Switch, allowing you to offer wired and wireless network access to users. Subsequently, this document will refer to the EWW631-B1 Access Point Wall Switch as the EWW631-B1.

FIGURE 1 EWW631-B1 Access Point: Top View and Back View

About Peripheral Devices

The EWW631-B1 can provide power to PoE-powered devices, with the supplied power contingent on the PoE power delivered to the EWW631-B1.

The LAN + PoE Out port is designated for PoE-powered peripheral devices, such as IP Phone and IP camera.

TABLE 1 EWW631-B1 AP Ports

No.	Label	Description
1	1G ETH PoE	1 x 10/100/1000 Mbps RJ-45 Ethernet port (supports 802.3af/at PoE in)
2	1G ETH PoE	1 x 10/100/1000 Mbps RJ-45 Ethernet port (supports 802.3af/at PoE out)
3	1G ETH	2 x 10/100/1000 Mbps RJ-45 Ethernet port
4	Reset switch	Resets the AP

Package Contents

A complete EWW631-B1 installation package includes all of the following items:

- EWW631-B1 Access Point
- One mounting kit, including Two 1-inch No. 8 steel pan-headPhillips sheet metal screws, two anti-theft screws, two coupling nuts and wall-mount anchors
- One wall plate bracket
- Service Level Agreement/Limited Warranty Statement (Optional)
- Declaration of Conformity (Optional)
- Regulatory Statement (Optional)
- This *Quick Setup Guide* (Electrical)

Required Hardware Tools

- SonicFi controller (Confirm that " SonicFi Controller" has completed the first registration)
- Cat 5e (or better) Ethernet cable
- Customer-supplied IEEE 802.3af/at-compliant PoE switch and customer-supplied Ethernet cable
- Customer-supplied IEEE 802.3af/at-compliant PoE injector and customer-supplied Ethernet cable
- No. 2 Phillips screwdriver and T10 Torx driver for the mounting bracket screws
- (Optional) One or two separate bypass cables run through the outlet box

Step 1:
Connecting Your SonicFi Controller to the AP

1. Using an Ethernet cable to connect one of your controller LAN port to the PoE port of the AP. Refer to Figure 2.

FIGURE 2 EWW631-B1 AP Ports on Bottom Panel

1. Ethernet + PoE in port
2, Ethernet port
3. Ethernet + POE out port
4. Ethernet port
4. Reset button

2. Verify that the PWR LED (front side) on the AP is lit a steady blue

Step 2:
Login Controller website for setting

1. Using an Ethernet cable to connect your computer network port to one of the LAN ports on the controller.
2. Open a browser (we recommend Chrome) on the computer to visit https://**192.168.1.1** (or **https://SonicFi.wlan.local**) . You will be directed to the SonicFi controller login page.
3. Access the login page, input your registered account password, and then click **"Sign in"** to access the Controller dashboard

Step 3:
Checking and find your EAP

NOTE: The SonicFi controller must be directly connected to the EAP through one of the Ethernet ports.

1. Navigate to the "**Topology"** section in the left menu. The EAP you intend to adopt will be shown in the **"Pending Adoption"** block at the bottom of the page.
2. Click **"Connected Devices/EAP"** on the left Menu
3. The EAP will appears in the EAP list with the status as “Pending”.
4. Navigate to the "Topology" section located in the left menu.
5. Locate the EAP icon and its corresponding MAC address in the pending adoption block. Once confirmed, proceed by clicking on the appropriate icon. The onboarding process will start.
6. During the adoption process, the status will indicate "Onboarding...". Once the process is successfully completed, the new EAP will seamlessly integrate into the current "topology" and its machine LED will display a blue light.

Step 4:
Placing the AP in Your Site

1. Position the AP in its designated location, ensuring it is accessible for network connections. For detailed installation, please consult the "**Mounting Instructions**" below
2. Connect the Cat5 cable to the PoE in port of the AP, and to a convenient power source (e.g., SonicFi controller LAN port, PoE Ethernet switch or PoE Ethernet injector)

> **NOTE:** To establish the connection between the AP and the convenient power source, it is essential to utilize a Cat 5e (or better) Ethernet cable.

3. Verify that the Uplink port LED is lit.
   After a short pause to re-establish the connection, you can test the AP.

Step 5:
Verifying the Installation

1. Using any wireless-enabled computer or mobile device to search for default SSID **cyfi_25g** and connect to it.
2. Once connected, open a web browser and access any public website.
   Congratulations! Your wireless network is now active and operational.

Step 6: Mounting Instructions

Over-the Socket wall mount installation

1. Align the mounting bracket with the screw holes on the wall outlet box, and insert screws through both the bracket and the screw holes.
2. Make sure that the mounting bracket is securely fastened on the wall.

FIGURE 3 : Attaching the mounting bracket to a single-gang wall outlet box

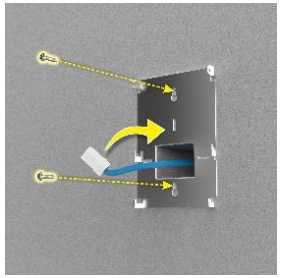
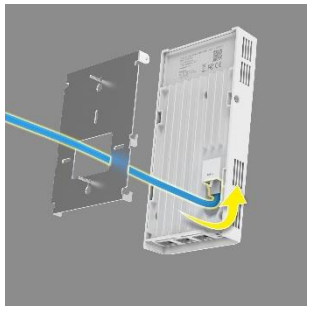


FIGURE 4 : Plug in the Ethernet cable coming out of the wall to the RJ45



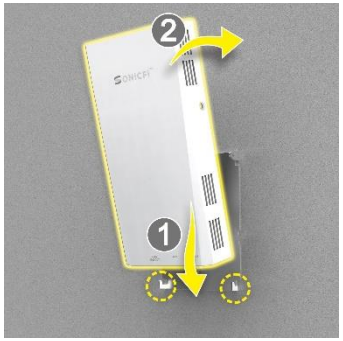
Step 7:
Attaching the EWW631-B1 to the Mounting Bracket

1. Make sure that the mounting bracket is securely fastened as described in **Step 6**
2. If you have bypass cables (usually one or two, if any), make sure that they are draped across one or both of the two upper hooks on the mounting bracket.

FIGURE 5 Make sure the mounting bracket is securely

3. Pull the uplink Ethernet cable from the outlet box, and insert it into the Ethernet port in the back panel of the EWW631-B1
4. The mounting bracket has two lower hooks that fit into slots on the bottom of the EWW631-B1. Rest the bottom of the EWW631-B1 on the lower hooks, and tilt the EWW631-B1 until it is up against the mounting bracket.
5. Align the screw holes on the left and right sides of the EWW631-B1 with the corresponding screw holes on both sides of the bracket.

FIGURE 6 Fit into slots on the bottom of the EWW631-B1



6. Use a T10 Torx driver to screw the factory-supplied Torx flat head machine screws through the EWW631-B1 screw holes into the threaded inserts on the sides of the mounting bracket.
7. Confirm whether it can start normally.

FIGURE 7 Using the screw into the threaded inserts on the sides

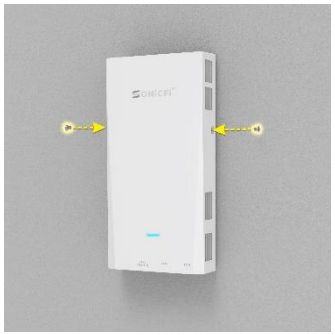


FIGURE 8 EWW631-B1 set up image

Step 8:
Testing the EWW631-B1 Operation

After a short pause to re-establish the Internet connection, you can test the EWW631-B1.

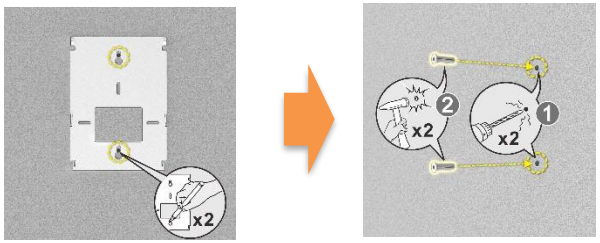
1. Using any wireless-enabled PC or mobile device, search for and select the wireless network you previously configured.
2. If you can connect, open a browser and navigate to any public website.
3. Using any wired PC or other device and an Ethernet cable, plug into an Ethernet port on the bottom of the EWW631-B1.
4. Open a browser and navigate to any public website.
5. Repeat Step 3 and Step 4 in this procedure for the other Ethernet ports on the bottom of the EWW631-B1.
6. Verify that all connected devices are working correctly. Congratulations! Your EWW631-B1 is active and ready for use

Step 9: Mounting Instructions

Generic wall mount installation.

1. Attach the EWW631-B1 mounting bracket to a wall
2. Mark the positions of the two screw holes.
3. After removing the mounting bracket, proceed with drilling
4. Retrieve two coupling nuts from the kit and use a hammer to secure them into the wall, creating screw holes.

FIGURE 9 Mark the positions of the two screw holes and make the screw holes



5. Align the mounting bracket with screw holes, inserting screws through the holes in the bracket and the newly drilled screw holes.
6. Make sure that the mounting bracket is securely fastened on the wall
7. Take the uplink Ethernet cable and insert it into the WAN port in the bottom of the EWW631-B1

FIGURE 9 Mounting bracket to a wall and insert into the WAN port in the bottom side

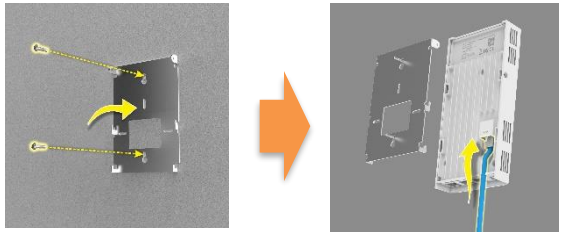
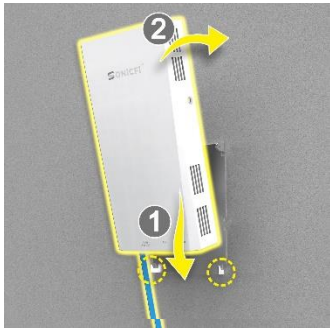
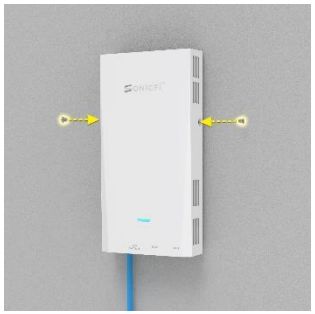


FIGURE 10 Fit into slots on the bottom of the EWW631-B1



8. The mounting bracket has two lower hooks that fit into slots on the bottom of the EWW631-B1. Rest the bottom of the EWW631-B1 on the lower hooks, and tilt the EWW631-B1 until it is up against the mounting bracket.
9. Align the screw holes on the left and right sides of the EWW631-B1 with the corresponding screw holes on both sides of the bracket.
10. Use a T10 Torx driver to screw the factory-supplied Torx flat head machine screws through the EWW631-B1 screw holes into the threaded inserts on the sides of the mounting bracket.
7. Confirm whether it can start normally.

FIGURE 11 Using the screw into the threaded inserts on the sides



Step 10:
Testing the EWW631-B1 Operation

After a short pause to re-establish the Internet connection, you can test the EWW631-B1.

7. Using any wireless-enabled PC or mobile device, search for and select the wireless network you previously configured.
8. If you can connect, open a browser and navigate to any public website.
9. Using any wired PC or other device and an Ethernet cable, plug into an Ethernet port on the bottom of the EWW631-B1.
10. Open a browser and navigate to any public website.
11. Repeat Step 3 and Step 4 in this procedure for the other Ethernet ports on the bottom of the EWW631-B1.
12. Verify that all connected PoE-powered devices and are working correctly. Congratulations! Your EWW631-B1 is active and ready for use

FIGURE 12 EWW631-B1 set up image

Package Contents

A complete RAP630W-311G / 211G installation package includes all of the following items:

- RAP630W-311G / 211G Access Point.
- One mounting kit, including Two 1-inch No. 8 steel pan-headPhillips sheet metal screws, two anti-theft screws, two coupling nuts and wall-mount anchors.
- One wall plate bracket.
- Service Level Agreement/Limited Warranty Statement (Optional).
- Declaration of Conformity (Optional).
- Regulatory Statement (Optional).
- This Quick Setup Guide (Electrical).

Required Hardware Tools

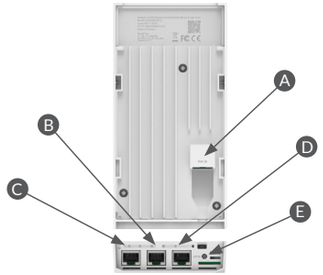
- A controller (Confirm that "Controller" has completed the first registration).
- Cat 5e (or better) Ethernet cable.
- Customer-supplied IEEE 802.3af/at-compliant PoE switch and customer-supplied Ethernet cable.
- Customer-supplied IEEE 802.3af/at-compliant PoE injector and customer-supplied Ethernet cable.
- No. 2 Phillips screwdriver and T10 Torx driver for the mounting bracket screws.
- (Optional) One or two separate bypass cables run through the outlet box.

> Step 1:

Connecting Your Controller to the AP

1. Using an Ethernet cable to connect one of your controller LAN port to the PoE port of the AP. Refer to Figure2.

FIGURE 2: RAP630W-311G / 211G AP Ports on Bottom Panel.



A. Ethernet + PoE in port

B. Ethernet port

C. Ethernet port

D. Ethernet + POE out port

E. Reset button

2. Verify that the PWR LED (front side) on the AP is lit a steady blue.

> Step 2:

Login Controller website for setting

1. Using an Ethernet cable to connect your computer network port to one of the LAN ports on the controller.
2. Open a browser (we recommend Chrome) on the computer to visit https://**192.168.1.1**. You will be directed to the controller login page.
3. Access the login page, input your registered account password, and then click **"Sign in"** to access the Controller dashboard.

> Step 3:

Checking and find your EAP

NOTE: The controller must be directly connected to the EAP through one of the Ethernet ports.

1. Navigate to the **"Topology"** section in the left menu. The EAP you intend to adopt will be shown in the **"Pending Adoption"** block at the bottom of the page.
2. Click **"Connected Devices/EAP"** on the left Menu.
3. The EAP will appears in the EAP list with the status as "Pending".
4. Navigate to the "Topology" section located in the left menu.
5. Locate the EAP icon and its corresponding MAC address in the pending adoption block. Once confirmed, proceed by clicking on the appropriate icon. The onboarding process will start.
6. During the adoption process, the status will indicate "Onboarding...". Once the process is successfully completed, the new EAP will seamlessly integrate into the current "topology" and its machine LED will display a blue light.

> Step 4:

Placing the AP in Your Site

1. Position the AP in its designated location, ensuring it is accessible for network connections. For detailed installation, please consult the **"Mounting Instructions"** below.
2. Connect the Cat5 cable to the PoE in port of the AP, and to a convenient power source (e.g., Controller LAN port, PoE Ethernet switch or PoE Ethernet injector).

NOTE: To establish the connection between the AP and the convenient power source, it is essential to utilize a Cat 5e (or better) Ethernet cable.

3. Verify that the Uplink port LED is lit.
   After a short pause to re-establish the connection, you can test the AP.

> Step 5:

Verifying the Installation

1. Using any wireless-enabled computer or mobile device to search for default SSID cyfi_25g and connect to it.
2. Once connected, open a web browser and access any public website.

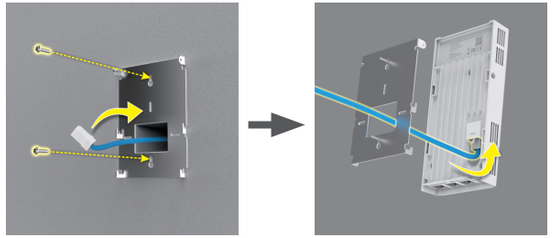
Congratulations! Your wireless network is now active and operational.

> Step 6: Mounting Instructions

Over-the Socket wall mount installation

1. Align the mounting bracket with the screw holes on the wall outlet box, and insert screws through both the bracket and the screw holes.
2. Make sure that the mounting bracket is securely fastened on the wall.

FIGURE 3>4: Attaching the mounting bracket to a single-gang wall outlet box and plug in the Ethernet cable coming out of the wall to the RJ45.

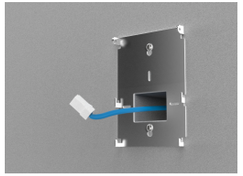


> Step 7:

Attaching the RAP630W-311G / 211G to the Mounting Bracket

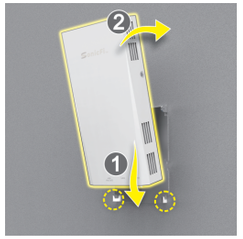
1. Make sure that the mounting bracket is securely fastened as described in Step 6.
2. If you have bypass cables (usually one or two, if any), make sure that they are draped across one or both of the two upper hooks on the mounting bracket.

FIGURE 5: Make sure the mounting bracket is securely.



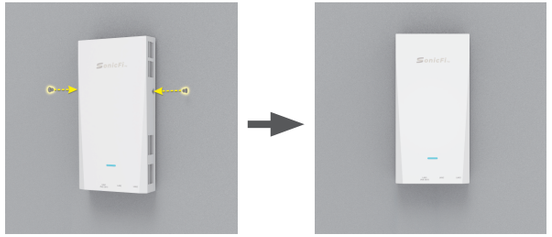
3. Pull the uplink Ethernet cable from the outlet box, and insert it into the Ethernet port in the back panel of the RAP630W-311G / 211G.
4. The mounting bracket has two lower hooks that fit into slots on the bottom of the RAP630W-311G / 211G. Rest the bottom of the RAP630W-311G / 211G on the lower hooks, and tilt the RAP630W-311G / 211G until it is up against the mounting bracket.
5. Align the screw holes on the left and right sides of the RAP630W-311G / 211G with the corresponding screw holes on both sides of the bracket.

FIGURE 6: Fit into slots on the bottom of the RAP630W-311G / 211G.



6. Use a T10 Torx driver to screw the factory-supplied Torx flat head machine screws through the RAP630W-311G / 211G screw holes into the threaded inserts on the sides of the mounting bracket.
7. Confirm whether it can start normally.

FIGURE 7>8: RAP630W-311G / 211G setup is complete by using screws inserted into the threaded inserts on the sides.



> Step 8:

Testing the RAP630W-311G / 211G Operation

After a short pause to re-establish the Internet connection, you can test the RAP630W-311G / 211G.

1. Using any wireless-enabled PC or mobile device, search for and select the wireless network you previously configured.
2. If you can connect, open a browser and navigate to any public website.
3. Using any wired PC or other device and an Ethernet cable, plug into an Ethernet port on the bottom of the RAP630W-311G / 211G.
4. Open a browser and navigate to any public website.
5. Repeat Step 3 and Step 4 in this procedure for the other Ethernet ports on the bottom of the RAP630W-311G / 211G.
6. Verify that all connected devices are workingcorrectly.

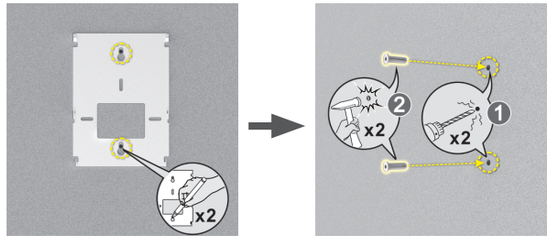
Congratulations! Your RAP630W-311G / 211G is active and ready for use.

> Step 9: Mounting Instructions

Generic wall mount installation

1. Attach the RAP630W-311G / 211G mounting bracket to a wall.
2. Mark the positions of the two screw holes.
3. After removing the mounting bracket, proceed with drilling.
4. Retrieve two coupling nuts from the kit and use a hammer to secure them into the wall, creating screw holes.

FIGURE 9>10: Mark the positions of the two screw holes and make the screw holes.



5. Align the mounting bracket with screw holes, inserting screws through the holes in the bracket and the newly drilled screw holes.
6. Make sure that the mounting bracket is securely fastened on the wall.
7. Take the uplink Ethernet cable and insert it into the WAN port in the bottom of the RAP630W-311G / 211G.

6011-31100021R

FIGURE 11>12: Mounting bracket to a wall and insert into the WAN port in the bottom side.

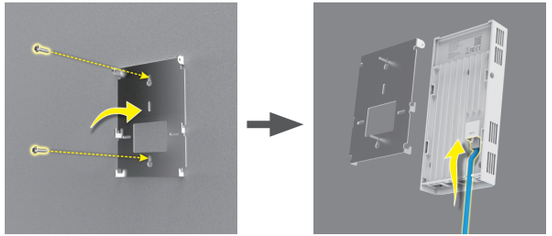
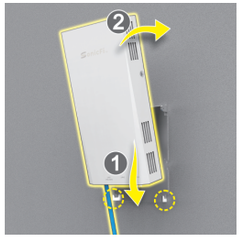
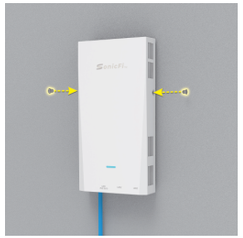


FIGURE 13: Fit into slots on the bottom of the RAP630W-311G / 211G.



8. The mounting bracket has two lower hooks that fit into slots on the bottom of the RAP630W-311G / 211G. Rest the bottom of the RAP630W-311G / 211G on the lower hooks, and tilt the RAP630W-311G / 211G until it is up against the mounting bracket.
9. Align the screw holes on the left and right sides of the RAP630W-311G / 211G with the corresponding screw holes on both sides of the bracket.
10. Use a T10 Torx driver to screw the factory-supplied Torx flat head machine screws through the RAP630W-311G / 211G screw holes into the threaded inserts on the sides of the mounting bracket.
11. Confirm whether it can start normally.

FIGURE 14: Using the screw into the threaded inserts on the sides.



> Step 10:

Testing the RAP630W-311G / 211G Operation

After a short pause to re-establish the Internet connection, you can test the RAP630W-311G / 211G.

1. Using any wireless-enabled PC or mobile device, search for and select the wireless network you previously configured.
2. If you can connect, open a browser and navigate to any public website.
3. Using any wired PC or other device and an Ethernet cable, plug into an Ethernet port on the bottom of the RAP630W-311G / 211G.
4. Open a browser and navigate to any public website.
5. Repeat Step 3 and Step 4 in this procedure for the other Ethernet ports on the bottom of the RAP630W-311G / 211G.
6. Verify that all connected PoE-powered devices and are working correctly.

Congratulations! Your RAP630W-311G / 211G is active and ready for use.

FIGURE 15: RAP630W-311G / 211G set up image.

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RAP630W-311G / 211G Access Point
Quick Setup Guide

This Quick Setup Guide provides step-by-step instructions on how to install and begin using your SonicFi RAP630W-311G / 211G dual-band 802.11ax indoor Wi-Fi access point (AP).

Upon following the steps outlined in this guide, you will be able to access the RAP630W-311G / 211G Access Point Wall Switch, allowing you to offer wired and wireless network access to users. Subsequently, this document will refer to the RAP630W-311G / 211G Access Point Wall Switch as the RAP630W-311G / 211G.

FIGURE 1: RAP630W-311G / 211G Access Point: Top View and Back View.

About Peripheral Devices

The RAP630W-311G / 211G can provide power to PoE-powered devices, with the supplied power contingent on the PoE power delivered to the RAP630W-311G / 211G. The LAN + PoE Out port is designated for PoE-powered peripheral devices, such as IP Phone and IP camera.

TABLE 1: RAP630W-311G / 211G AP Ports

No.	Label	Description
1	1G ETH PoE	1 x 10/100/1000 Mbps RJ-45 Ethernet port (supports 802.3af/at PoE in)
2	1G ETH PoE	1 x 10/100/1000 Mbps RJ-45 Ethernet port (supports 802.3af PoE out)
3	1G ETH	2 x 10/100/1000 Mbps RJ-45 Ethernet port
4	Reset switch	Resets the AP

Federal Communication Commission Interference Statement

Product name: AX3000 Wireless Dual Band Wall Mount Access Point

Model name: EWW631-B1/RAP630W-311G/CAP630W-311G

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 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.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

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.

This device is restricted for indoor use.

IMPORTANT NOTE:

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 43cm between the radiator & your body.