

Item #1005 926 363
Model HB-200-1215WIFIB
Model No : MS412W/52625

HAMPTON BAY®

USE AND CARE GUIDE

INTELLIGENT LANDSCAPE TRANSFORMER



Questions, problems with the Hubspace App? Please call Hubspace Customer service

8 a.m. - 7 p.m. PST Monday - Friday and 9 a.m. - 6 p.m., PST, Saturday at 1-877-592-5233

HOMEDEPOT.COM / HUBSPACE

THANK YOU

We appreciate the trust and confidence you have placed in Hampton Bay through the purchase of this transformer. We strive to continually create quality products designed to enhance your home. Visit us online to see our full line of products available for your home improvement needs. Thank you for choosing Hampton Bay!

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Safety Information

1. Proper mounting, wiring, grounding and servicing.
2. The secondary wiring is intended for shallow burial (less than 6 in. (152 mm).)
3. Risk of fire, do not place insulation under terminal plate. Check connection after installation.
4. For use only on a branch circuit protected by a class a type ground fault circuit interrupter.
5. For use with landscape lighting systems only.
6. This device is accepted as a component of a landscape lighting system where the suitability of the combination shall be determined by CSA or local inspection authorities having jurisdiction.
7. Do not connect two or more power supplies in parallel.
8. Landscape lighting systems are for outdoor use only.
9. Not for use in dwelling units.
10. Do not mount power supply or luminaries within 3 m of a swimming pool or spa.
11. The supply circuit for the landscape lighting system shall be protected by a class a type ground fault circuit interrupter, unless it is provided with the landscape lighting system.
12. A cord-connect landscape lighting system shall not be used with an extension cord.



WARNING: Risk of Electric Shock. Install power unit 5 feet (1.5 m) or more from a pool, spa, or fountain. Where the power unit is installed (a) indoors within 10 feet (3.0 m) of a pool, spa, or fountain or (b) outdoors, connect power unit to a receptacle protected by a GFCI.



WARNING: For outdoor installations use UL Listed Underground low energy circuit cable or SPT-3 or SPT-2W. Failure to use at least 16-gauge minimum cable or install it as directed in these instructions may result in Risk of Fire or Electric Shock. Using large cable will ensure maximum light output.



WARNING: Do not use an extension cord, the unit shall be connected to a GFCI protected hooded flush type cover plate receptacle marked "Wet Location".



WARNING: Make sure there is no wire insulation under the clamping plate.



WARNING: Do not coil the cable around the transformer.



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



IMPORTANT: This landscape light system must be installed in accordance with all local codes and ordinances. If you are experiencing problems, contact a qualified electrician.



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. FCC responsible party name: Eaglerise E&E Inc. Address: 320 Constance Dr., Unit 1 Warminster, PA 18974. Telephone number: 267-387-6022. 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:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

Warranty

WHAT IS COVERED

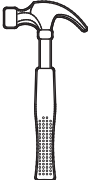
The manufacturer warrants this transformer to be free from defects in materials and workmanship for a period of two (2) years from date of purchase. This warranty applies only to the original consumer and only to products used in normal use and service. If this product is found to be defective, the manufacturer's only obligation, and your exclusive remedy, is the repair or replacement of the product at the manufacturer's discretion, provided that the product has not been damaged through misuse, abuse, accident, modifications, alterations, neglect, or mishandling.

WHAT IS NOT COVERED

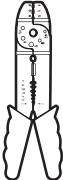
This warranty shall not apply to any product that is found to have been improperly installed, set-up, or used in any way not in accordance with the instructions supplied with the product. This warranty shall not apply to a failure of the product as a result of an accident, misuse, abuse, negligence, alteration, or faulty installation, or any other failure not relating to faulty material or workmanship. This warranty shall not apply to the finish on any portion of the product, such as surface and/or weathering, as this is considered normal wear and tear. Contact the Customer Service Team at (877)592-5233 or visit [HOMEDEPOT.COM/HUBSPACE](https://www.homedepot.com/hubspace).

Pre-installation

TOOLS REQUIRED



Hammer



Wire
stripper



Wire
cutter

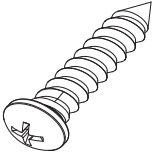


Phillips
screwdriver

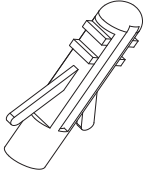
HARDWARE INCLUDED



NOTE: Hardware not shown to actual size.



AA



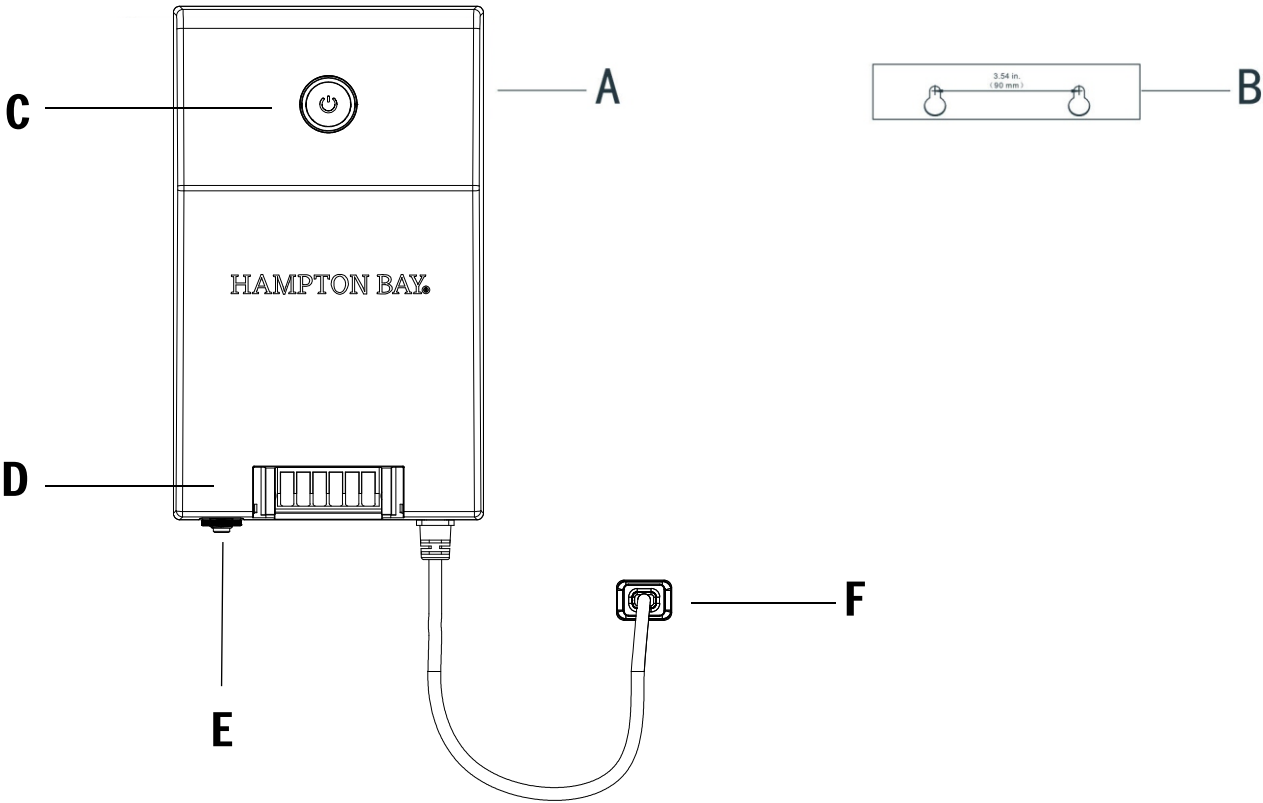
BB

Part	Description	Quantity
AA	4.8X30 Screw	2
BB	Wall Anchor	2



Pre-installation (continued)

PACKAGE CONTENTS



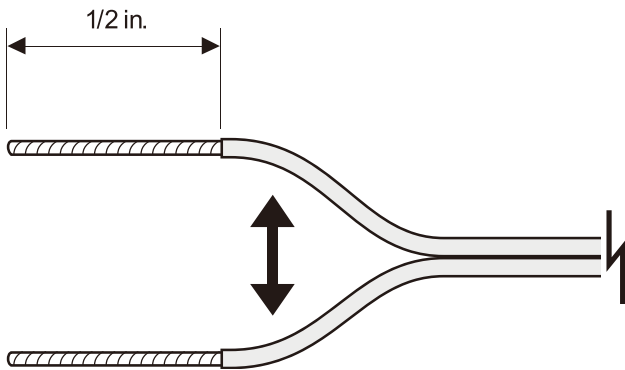
Part	Description	Quantity
A	Transformer	1
B	Mounting Template	1
C	Power button	1
D	Terminals	1
E	Resettable circuit breaker	1
F	AC Power cord	1



Installation

1 Preparing the cable

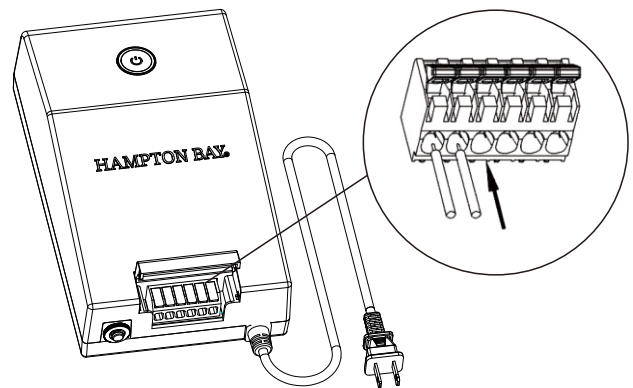
- Use caution when splitting to avoid exposing copper wire.
- Remove 1/2 in. of insulation from both wires and twist the ends.



2 Connecting the cable to the transformer

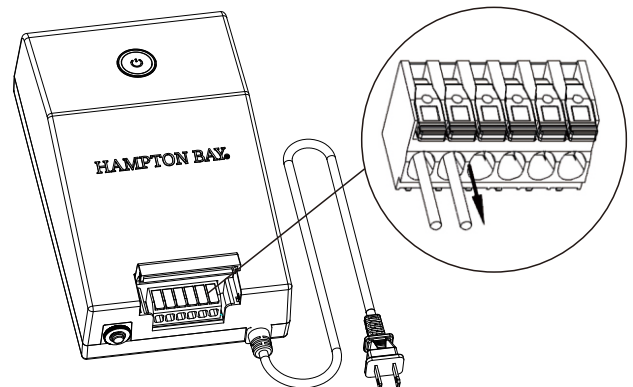
- Lay the transformer (A) on a flat, stable surface and open the terminal connector door flap. Insert the landscape wires into the desired channel pair of terminals marked "COM_" & "CH_" with one stripped end into the desired channel marked "COM1" or "COM2" or "COM3" and firmly press down the terminal handle to secure the wire. Next insert the remaining paired stripped wire into the matched paired terminal marked "CH1" or "CH2" or "CH3" and firmly press down the terminal handle to secure the wire. Refer to the Cable Selection Chart to determine which voltage terminal to select "12V" or "15V" based on the wire gauge and Fixture wattage.
- Verify that there are no loose cable strands and tug on the landscape wire to verify that the connections are all secure, and firmly close the flap door.

COM1 CH1 COM2 CH2 COM3 CH3



插入线

COM1 CH1 COM2 CH2 COM3 CH3

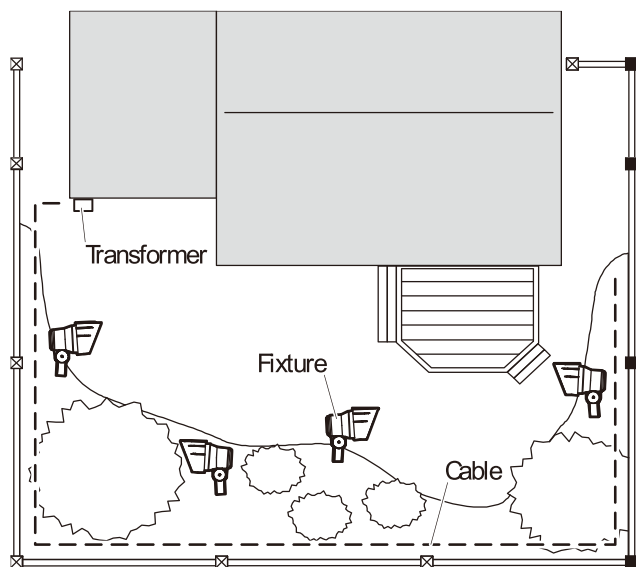


拉上电线

Installation (continued)

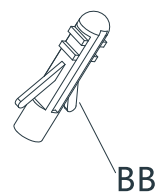
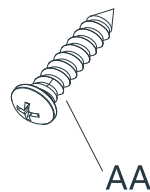
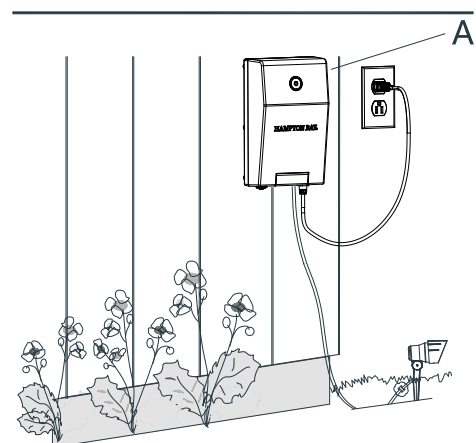
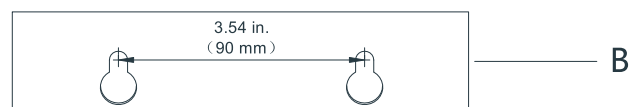
3 Placing the fixtures and routing the cable

- Lay the fixtures (not included) in their desired locations. Be sure they do not exceed the 200-watt rating of the transformer.
- Route the low voltage cable to the fixtures. If there is extra cable, coil the cable after the last fixture.



4 Mounting the transformer

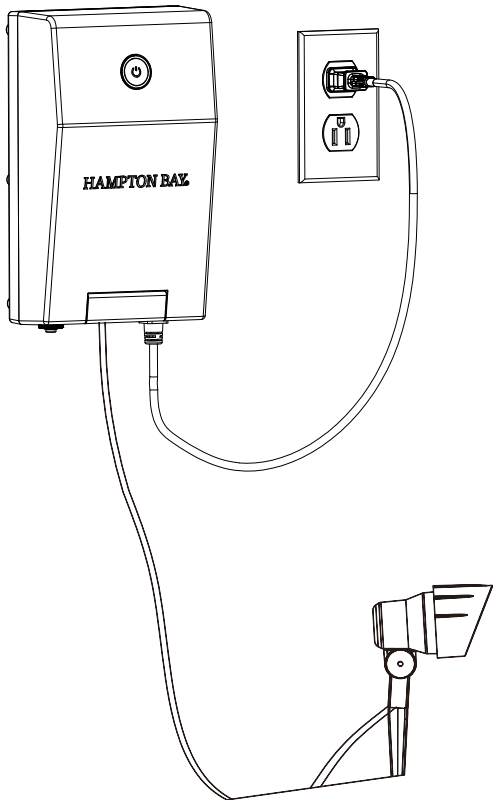
- Mount the transformer (A) directly to a wall surface within 12 in. to 48 in. (0.3 m to 1.2 m) of the ground using the included screws (AA). See the mounting template (B) for the correct spacing of the screws (AA).
- Drill two holes on the wall using the mounting template (B), insert two wall anchors (BB) into the wall, and insert the screws (AA) into the wall anchors (BB).
- Hang the transformer (A) onto the screws (AA).



Installation (continued)

5 Attaching the fixtures

- Attach the fixtures to the cable using the cable connectors (not included) as shown. Press the connector tight onto the cable until the prongs pierce the cable insulation.



6 Protecting or hiding the cable

- Once all fixtures are in place, the cable may be covered with mulch or buried up to 6 in. (15 cm) deep. Leave about 12 in. (30 cm) of cable after the last fixture.

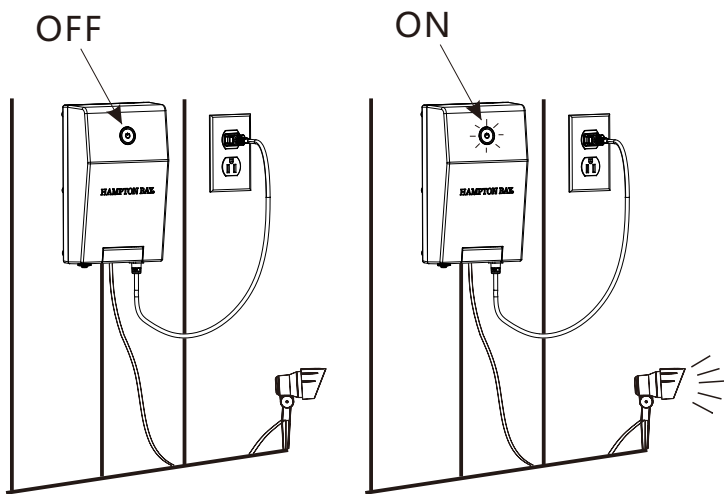
7 Unit Power-up

Press power button to turn on, the LED button light and connected fixtures shall illuminate.

Press the power button again to turn off.

LED state	Definition
LED on	There is voltage output and the fixtures are on.
LED off	There is no voltage output and the fixtures are off.
LED flash	Power is overloaded or short circuit.

Note: 1. When installing the fixtures, the button LED light must be turned off to avoid the risk of electric shock
2. After trouble shooting, you need to press the button again, and the product will resume normal operation.



Operation

1 Let's Get Started!

- Download the Hubspace™ app from the App Store or the Google Play Store to your mobile device.
- Launch the app.
- To register, enter your email address and a password. Or, login if you already have an account.
- Bluetooth access is required for device setup.

3 Add a device

- In the Hubspace app, tap the plus sign in the upper right corner.
- Scan your product's QR code. You can find a copy of the QR code on the device itself and in the Quick Start Guide.

Scan problem?

- If the QR code cannot be scanned for some reason, you can enter the code manually. Tap Enter Code and follow the instructions.
- Connect your device to power and follow the instructions on screen.

2 Verify your network

- This Hubspace device requires a 2.4GHz Wi-Fi channel.
- Most routers provide a 2.4 GHz WiFi channel.

4 Set up your voice assistant

- In the Hubspace app, tap the Hubspace button.
- Select the Integrations tab, choose your voice assistant and follow the instructions.

Operation (continued)

5 12V or 15V Voltage Switch

Your transformer can output 12V or 15V and ships with 12V activated.

To change the voltage:

- Add the device in the Hubspace app.
- Ensure the device is powered on and online in the app.
- Tap the button on top left corner and select desired Output Voltage.

7 Power Meter

- The power meter provides the total power connected to the transformer.
- The power meter allows you to see how much capacity remains for adding additional fixtures to your system.
- Do not exceed the maximum rated wattage of the unit.
- The power meter reading is a sum of the following:
 1. Power consumed by all attached fixtures for each powered zone.
 2. Power losses from the low-voltage wire(s)

9 Schedules

- Use the Hubspace app to set up schedules for your transformer. See the app for details.
- Schedules can be set up to run every day or select days.
- Schedules can trigger based on time, sunrise, or sunset.

6 3-Zone Control

- The transformer has 3 zones of control that can be turned on or off and scheduled in the Hubspace app. See the app for details.

8 System Overload

- If your transformer detects a system overload it will shut off. The indicator light will flash.
- Follow these steps to check for possible causes:
 1. If you have just added additional lights to your system, remove them and check if this solves the issue by turning the transformer back on via the app or power button on the device.
 2. Ensure there is no damage to the transformer and that it is not submerged in water.
- Check all the low-voltage wiring and light fixtures to make sure they are free of damage and possible short circuits.
- It is recommended not to attach more than a cumulative 160W (80%) of fixtures to the transformer based on the rating from the packaging. The low-voltage cable can consume up to 20% of the transformer capacity depending on the wire gauge and the total length of wire.

Troubleshooting Guide

Problem	Possible Cause
My Hubspace device is not connecting to Wi-Fi.	Make sure your device is connected to a power source. • Your Internet connection or Wi-Fi network may be down.
My device cannot find any Wi-Fi networks.	Make sure you have a 2.4GHz capable Wi-Fi network within range of the device you are trying to add.
My device is in a location that does not have Wi-Fi. Can I still use it with the Hubspace app?	Yes: Use the app on a phone with an Internet connection like LTE. The phone must be within Bluetooth range of your Hubspace device.
I cannot find the QR code.	Look for it where other stickers are on the product. A copy of the QR code is also included in your device's documentation.
The QR code has become damaged. How do I add the device?	Under the QR code are numbers. You can enter those in manually instead of scanning the code.
How do I reset the device?	Remove the device from your account, then add it back. Devices also reset when they transfer to a new account.
A device is on another account. How do I transfer it?	Scan the QR code and it will transfer to your account.
My device is offline for long periods of time.	Make sure your Wi-Fi signal strength is sufficient. You may need to move your router, use mesh Wi-Fi, or Wi-Fi extenders.
The device is on and I scanned the QR code, but the app cannot connect to it.	Turn off Bluetooth on your phone and turn it back on. Then, scan the QR code.
Can I scan the same QR code to add multiple products?	No. Each product has a unique QR code.
All of the lights fail to work.	• Verify that the transformer power is on. • Check for a loose cable connection at the transformer. • Check if the circuit breaker is OFF.
Only some lights work.	• Check the connector to make sure the wire barbs have pierced the landscape cable. • Halogen or incandescent bulbs (if applicable) can be burned out. Use caution as the Bulb can be hot.

Press the button, the LED light is on, and also the fixtures are on. Press button again, the LED light is off, and fixtures also are off.

Status of the LED light	Definition	Possible Cause
LED on	There is voltage output and the fixtures are on.	\
LED off	There is no voltage output and the fixture are off.	\
LED flash	The loading is over limitation power or short circuit.	fter troubleshooting, you need to press the button again, and the product will resume normal operation.
Note: When installing the fixture, the button LED light must be turned off to avoid the risk of electric shock.		

Cable Selection Chart

12 VOLT

Total Fixture Wattage	Cable Length		
	0 – 50 ft.	51 – 100 ft.	101 – 150 ft.
0 – 60 Watts	16 AWG	16 AWG	14 AWG
61 – 120 Watts	16 AWG	14 AWG	12 AWG
121 – 180 Watts	14 AWG	12 AWG	Not Recommended
181 – 200 Watts	14 AWG	12 AWG	Not Recommended

15 VOLT

Total Fixture Wattage	Cable Length		
	0 – 50 ft.	51 – 100 ft.	101 – 150 ft.
0 – 60 Watts	16 AWG	16 AWG	16 AWG
61 – 120 Watts	16 AWG	16 AWG	12 AWG
121 – 180 Watts	14 AWG	14 AWG	12 AWG
181 – 200 Watts	14 AWG	14 AWG	Not Recommended



FCC ID:RGB-MS412W

FCC 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

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Retain this manual for future use.