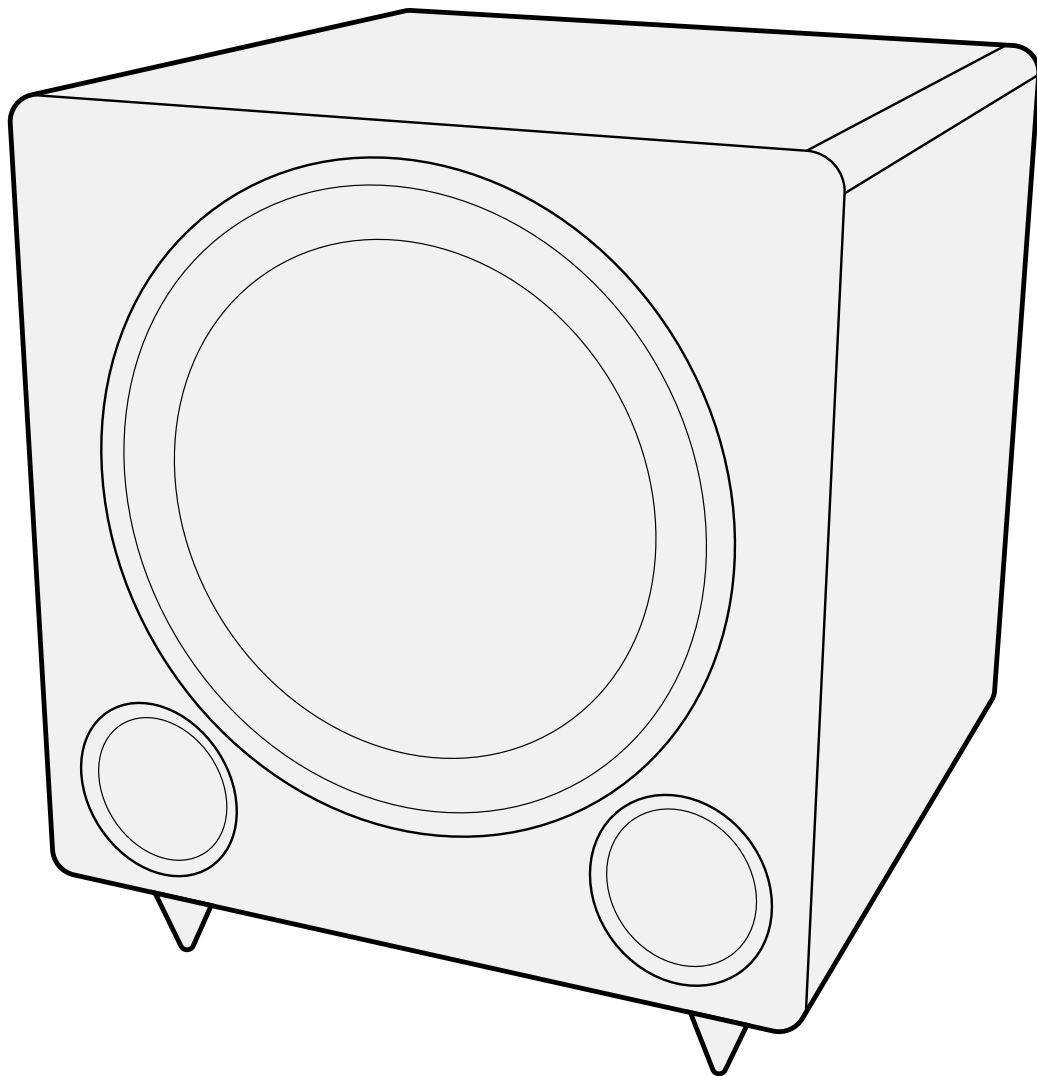


FLUANCE®

High Performance Subwoofer

DB12



Instruction Manual

Thank you for your purchase of this Fluance product. Please read this manual carefully before using the product to ensure proper use. Keep this manual in a safe place for future reference.

fluance.com

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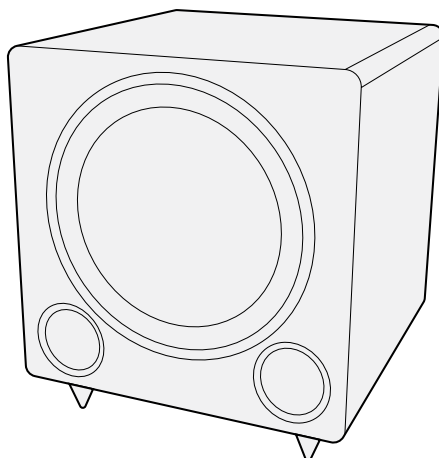
Fluance believes everyone should experience audio in its truest form, recreating the performance the way the artist intended. Utilizing only superior components and expert audio engineering, their products are a testament to the performance that can be achieved when a passion for music takes center stage. The perfect complement to any audiophile's lifestyle, you'll be enjoying live performances in your home for years to come.

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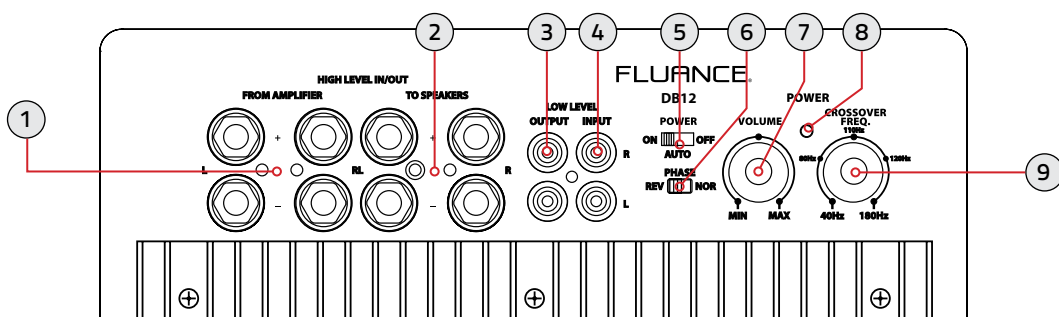
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What's Included

- High Performance Subwoofer
- Power Cable
- Quick Start Guide
- 2 Year Warranty
- Lifetime Customer Support



Back Panel Layout

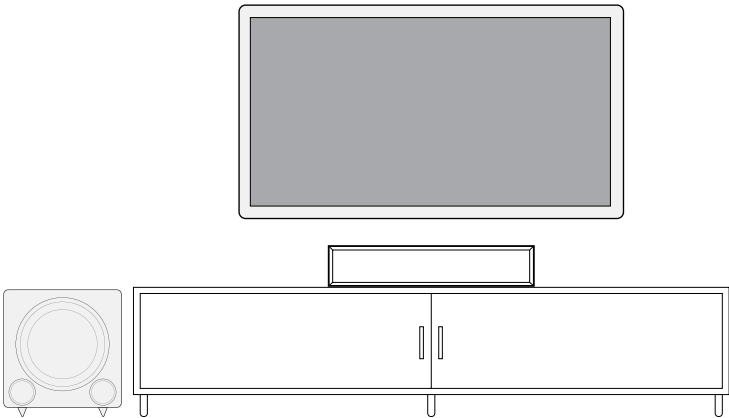


1. **Speaker Inputs** - Connect speaker wire to receive signal from home theater receiver.
2. **Speaker Outputs** - Connect speaker wire to transmit signal to passive speakers.
3. **Low Level Outputs** - Connect subwoofer cable to transmit signal to additional subwoofer.
4. **Low Level Inputs** - Connect subwoofer cable to receive signal from home theater receiver.
5. **Power** - ON / AUTO / OFF (AUTO: The subwoofer will power on automatically when it detects a signal from the home theater receiver.)
6. **Phase** - REVERSE / NORMAL (Adjust to ensure the DB12 is in phase with the rest of your speaker system. The DB12 will be in phase if the bass response sounds full and balanced.)
7. **Volume** - Adjust to increase/decrease the intensity of the sound emitted from the DB12.
8. **POWER** - Power LED indicator.
9. **Crossover** - Adjust to increase/decrease the frequency range of the DB12. The frequency range is less than 40Hz to 180Hz.

First Time Setup

Step One

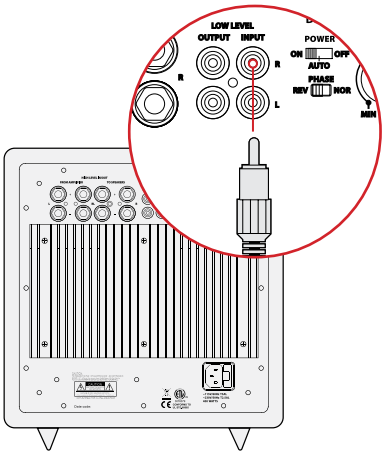
Place the subwoofer in the most optimal position.



Important!
Fluance recommends having the woofer face the listener while being positioned near the front channel speakers in a corner if possible.

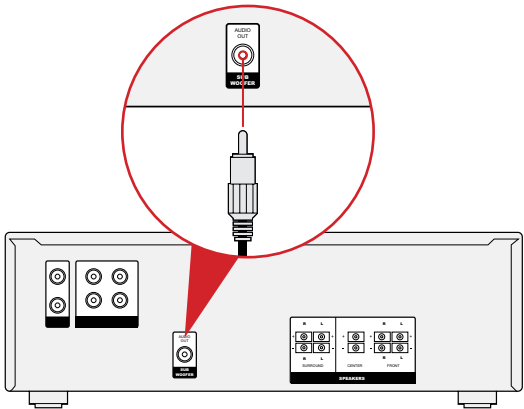
Step Two

Attach the subwoofer cable to either the red or white Low Level Input on the DB12.



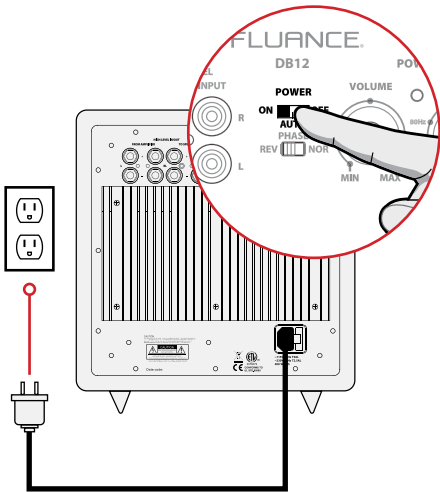
Step Three

Attach the same subwoofer cable to the subwoofer output of your home theater receiver.



Step Four

Connect the power cable to the wall outlet. Set the power switch to either ON or AUTO.



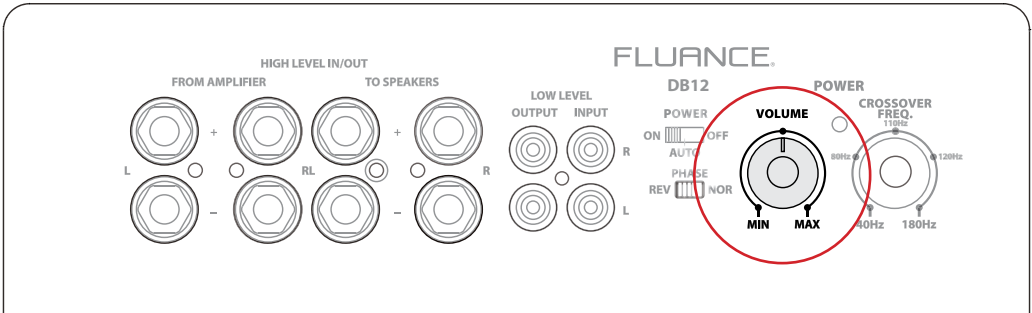
Optional Steps

- 1. Attach speaker wire to the speaker inputs of the subwoofer. Attach same speaker wire to the channel outputs of your choice on the home theater receiver. **Refer to receiver manual for setup instructions.**
- 2. An additional subwoofer can be added by connecting subwoofer wire from the Low Level Output on the DB12 to the additional subwoofer's inputs.

Additional Settings

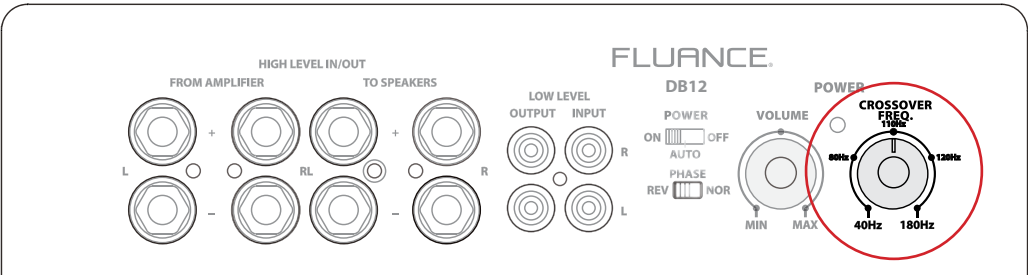
Volume Setting

The volume setting can be adjusted with the Volume knob located on the back panel of the subwoofer. The volume setting changes the amplification of the audio signal.



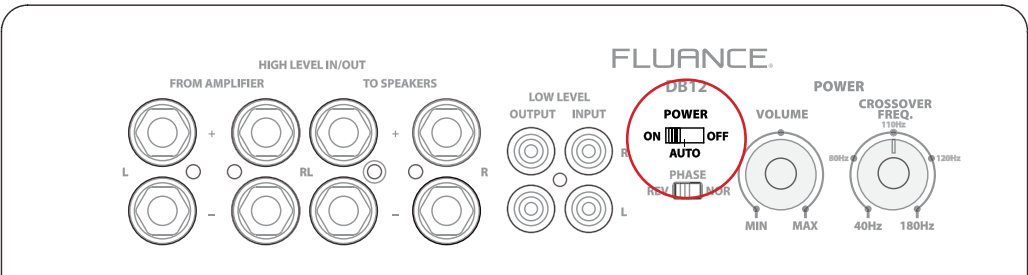
Crossover Setting

The crossover setting can be adjusted with the Crossover knob located on the back panel of the subwoofer. The crossover setting changes the cut off frequency for the subwoofer.



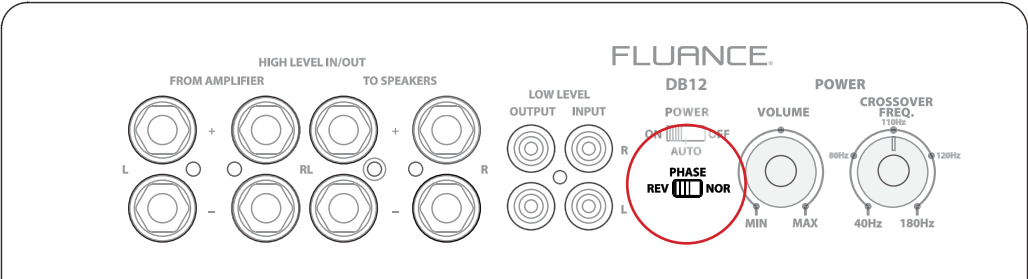
Auto Setting

By selecting the AUTO setting, the subwoofer will automatically turn on when it detects a signal from the home theater receiver. The auto setting turns the subwoofer on when the frequency signal reaches a required voltage. A 100Hz signal requires 3mV and a 1KHz signal requires 5mV.



Phase Setting

If your speaker system or DB12 is out of phase it means that the driver/woofer is moving in the opposite direction of the other drivers/woofers. This causes frequencies to be canceled out, which can result in a poor listening experience. By adjusting the phase setting of the DB12, you can ensure the DB12's woofer is moving in the same direction as your other speakers, which will result in a more pleasant listening experience.



FAQ

What is the purpose of the speaker wire inputs and outputs?

The speaker wire inputs can be used as an alternative to connect your DB12 to your home theater receiver, however, Fluance recommends using the Low Level input connected via subwoofer cable.

Note: To connect passive speakers to the speaker outputs on the DB12 ensure the amplifier/home theater receiver is connected to the DB12 via speaker wire (not subwoofer cable).

What is the purpose of the Low Level outputs?

The Low Level outputs can be used to connect an additional powered subwoofer to your home theatre setup. Most receivers only have one subwoofer output so this feature allows the connection of an additional subwoofer.

How do I adjust the volume settings of the DB12?

The DB12 features a Volume knob on the back of the subwoofer that can increase/decrease the amplification of the subwoofer output.

What does the LED behavior mean?

Green LED = Power On

Red LED = Protection Mode

What is Protection Mode?

Amplifier Protection Mode is a shutdown state that amplifiers can enable to prevent serious damage to the unit or other components in the system. Protection Mode can be activated in two scenarios:

1. Unit is overheated – Ensure the area surrounding the DB12 is at room temperature, power off and unplug the power adapter.
2. The unit is not installed properly – consult the included quick start guide and manual, ensure no wires are touching

Troubleshooting

Issue	Troubleshooting Steps
No Power	<ul style="list-style-type: none">• Ensure the subwoofer is plugged into a known good power source• Confirm that the subwoofer power switch is set to ON or AUTO• Ensure the Power LED is lit• With the power cord removed ensure the fuse located next to the power input is intact and connected securely
No Audio	<ul style="list-style-type: none">• Ensure the subwoofer has power and that the Power LED is lit Green. If Power LED is Red ensure the subwoofer is at room temperature, power off and unplug the power adapter. Then confirm that the subwoofer is installed properly with no wires touching• Confirm the subwoofer is connected to the receiver• Confirm the receiver's subwoofer output is set to ON• Ensure the subwoofer volume control is set to above 0%
Distorted or Poor Audio	<ul style="list-style-type: none">• Confirm subwoofer is in phase with other speakers• Ensure woofer is not physically damaged• Ensure grill is securely fastened or removed• Confirm all components are secured tightly• Check that the bass ports are not blocked and there are no foreign objects/obstructions• Confirm that the floor spikes are secure• Remove screws on woofer and check that the woofer is securely connected to the amplifier

Specifications

Specifications	DB12
Speaker Configuration	Front Firing Powered Subwoofer with Integrated Amplifier
Low Frequency Driver	12 Inch Long Throw Polypropylene with Rubber Surround
Amplifier Power	Peak 400W / RMS 240W
Low-Pass Crossover Range	40Hz - 180Hz
Frequency Response	36Hz - 180Hz (+/- 3dB) Full Range Anechoic Measurement 34Hz - 180Hz (+/- 6dB) Full Range Anechoic Measurement
Inputs	High Level Input & Output / Speaker Levels / RCA Input & Output
Dimensions (L X W X H)	16.7 x 15 x 16.8 inches
Weight	37 lbs
Phase Adjustment	Yes
Auto Function	Yes - (100Hz signal input reach 3mV, 1KHz input 5mV)
Power	120VAC (60Hz)

Specifications are subject to change without notice. Measurements and weights may vary slightly.

Fluance Warranty

Warranty Information

Fluance gives the following warranty to the original customer of each new Fluance product purchased from a dealer authorized by Fluance. Fluance warrants that each new product, under normal use, is free from defects, subject to the terms and conditions set forth. If a defect should occur within the warranty period, repairs will be made free of charge for parts and labor when such defects are determined by us to be attributable to faulty materials or workmanship at time of manufacture.

Warranty Period

The Fluance products listed below are warranted for parts and labor for the stated period from the date of original purchase and are subject to the terms and conditions of the warranty.

Home Audio Passive Speakers: Lifetime Warranty

Active/Powered Speakers: 2 Year Warranty

HiFi Turntables: 2 Year Warranty

Warranty Exclusions

- Products purchased from a dealer not authorized by Fluance.
- Products with the serial number defaced, altered or missing.
- Defects resulting from disaster, accident, abuse, misuse, lightning, power surges, neglect, unauthorized modification or water damage.
- Defects or damage as a result of repairs performed by a person or party not authorized by Fluance.
- Defects or damage occurring during shipping (claims should be made with the shipping company).

To Obtain Warranty Service

Should your Fluance product require warranty service, please contact your Fluance Authorized Dealer and send your product fully insured and freight prepaid to the nearest Fluance authorized service center. Before sending to Fluance, you will be required to get a Return Authorization Number from your dealer.

Products shipped without a valid Return Authorization Number will be refused. To avoid possible shipping damage, make sure the product is properly packaged and well protected. Include a copy of your original bill of sale as proof of warranty along with your name, home and/or work telephone number(s), a complete return address and a detailed description of the faults.

Products repaired within warranty will be returned freight prepaid. This warranty in itself is not considered a valid proof of purchase. When applying for warranty repairs, you must present the original copy of your bill of sale as proof of warranty.

Important Safety Instructions

WARNING:

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE

CAUTION:

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



WARNING

RISK OF ELECTRIC SHOCK
DO NOT OPEN



The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

To prevent fire or shock hazard, do not use this plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure. To prevent fire or shock hazard, do not expose this appliance to rain or moisture.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into you outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and point where they exit from the apparatus.
11. Only use attachments / accessories specified by the manufacturer.
12. Unplug this apparatus during lightning storms or when unused for long periods of time.
13. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
14. This appliance shall not be exposed to dripping or splashing water and no object filled with liquids such as vases shall be placed on the apparatus.
15. Do not overload wall outlet. Use only power source as indicated.
16. Use replacement parts as specified by the manufacturer.
17. The product may be mounted to a wall only if recommended by the manufacturer.
18. Upon completion of any service or repairs to this product, ask the service technician to perform safety checks.
19. Avoid installing this unit in places exposed to direct sunlight or close to heat radiating appliances such as electric heaters, on top of other stereo equipment that radiates too much heat, places lacking ventilation or dusty areas, places subject to constant vibration and/or humid or moist areas.

20. Do not attempt to clean this unit with chemical solvents as this might damage the finish. Use a clean dry cloth.
21. Operate controls and switches as described in the manual. Before turning on the power, make certain that power cord is properly installed.
22. When moving the apparatus, be sure to first disconnect the power cord.
23. Use caution when wearing loose clothing or articles near the spinning turntable.

FCC & IC Information

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. This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the Radio Interference Regulations of Industry Canada.

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:

- Re-orient 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 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

IC Warning

This device complies with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions:

(1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

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

This equipment complies with IC 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. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Important!

Since digital circuitry may cause interference to other radio or television tuners nearby, switch this unit off when not in use or move it away from the affected radio/television tuner.

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