

# SL2

## WIRELESS SURROUND LINK

Owner's Guide

Guía de usuario



Notice d'utilisation




# SAFETY INFORMATION


## **Please read this owner's guide**


Please take the time to follow the instructions in this owner's guide carefully. It will help you set up and operate your system properly and enjoy its advanced features. Please save this owner's guide for future reference.

-  **WARNING:** To reduce the risk of fire or electrical shock, do not expose the product to rain or moisture.
-  **WARNING:** The apparatus shall not be exposed to dripping or splashing, and objects filled with liquids, such as vases, shall not be placed on the apparatus. As with any electronic product, use care not to spill liquids into any part of the system. Liquids can cause a failure and/or a fire hazard.



 The lightning flash with arrowhead symbol within an equilateral triangle alerts the user to the presence of uninsulated, dangerous voltage within the system enclosure that may be of sufficient magnitude to constitute a risk of electric shock.

 The exclamation point within an equilateral triangle alerts the user to the presence of important operating and maintenance instructions in this owner's guide.


-  **WARNING:** No naked flame sources, such as lighted candles, should be placed on the apparatus.

**Note:** The product label is located on the bottom of the product.

This product is intended to be used only with the power supply provided.

**Note:** Where the mains plug is used as the disconnect device, such disconnect device shall remain readily operable.

This product must be used indoors. It is neither designed nor tested for use outdoors, in recreation vehicles, or on boats.

 This product conforms to the EMC Directive 89/336/EEC, to the Low Voltage Directive 73/23/EEC, and to the RTTE Directive (99/5/EC). The complete Declaration of Conformity can be found at [www.bose.com/static/compliance/index.html](http://www.bose.com/static/compliance/index.html).

## **Important safety instructions**

1. **Read these instructions** – for all components before using this product.
2. **Keep these instructions** – for future reference.
3. **Heed all warnings** – on the product and in the owner's guide.
4. **Follow all instructions.**
5. **Do not use this apparatus near water** – Do not use this product near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, near a swimming pool, or anywhere else that water or moisture are present.
6. **Clean only with a dry cloth** – and as directed by Bose Corporation. Unplug this product from the wall outlet before cleaning.
7. **Do not block any ventilation openings. Install in accordance with the manufacturer's instructions** – To ensure reliable operation of the product and to protect it from overheating, put the product in a position and location that will not interfere with its proper ventilation.
8. **Do not install near any heat sources, such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.**
9. **Only use attachments/accessories specified by the manufacturer.**
10. **Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.**
11. **Unplug this apparatus during lightning storms or when unused for long periods of time** – to prevent damage to this product.

12. **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.**
13. **To prevent risk of fire or electric shock, avoid overloading wall outlets, extension cords, or integral convenience receptacles.**
14. **Do not let objects or liquids enter the product** – as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock.
15. **See product enclosure for safety related markings.**
16. **Use proper power sources** – Plug the product into a proper power source, as described in the operating instructions or as marked on the product.

### ***Information about products that generate electrical noise***

#### **U.S.A.**

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, this 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, you are 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 to an outlet on a different circuit than the one to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any modifications made to this equipment may void the user's authority to operate this equipment.

#### **Canada**

This product complies with the Canadian ICES-003 Class B specification.

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.

#### ***RF Guideline:***

This device meets the RF Guideline FCC/OET 65 and Canadian Health Code 6 for mobile devices, which assumes installation provides a distance of at least 20 centimeters (8 inches) from users and others.

**This device must not be co-located or operated in conjunction with any other radio transmitter or its antenna.**

### ***For your records***

The product serial number is located on the bottom of the SL2 transmitter.

Serial number: \_\_\_\_\_

Dealer name: \_\_\_\_\_

Dealer phone: \_\_\_\_\_ Purchase date: \_\_\_\_\_

For future reference, it can be helpful to keep the sales slip and a copy of your product registration card together with this guide.

# YOUR SL2 WIRELESS SURROUND LINK

## Getting ready

Thank you for choosing a Bose® SL2 Wireless Surround Link. It provides a simple and convenient means to enjoy the surround sound from your LIFESTYLE® system or powered Acoustimass® system.

The SL2 features a small radio frequency transmitter and receiver pair that delivers the left and right surround audio signals, complete with amplification, to surround speakers in the rear of your room. Running cable from the front to the back of the room is unnecessary.

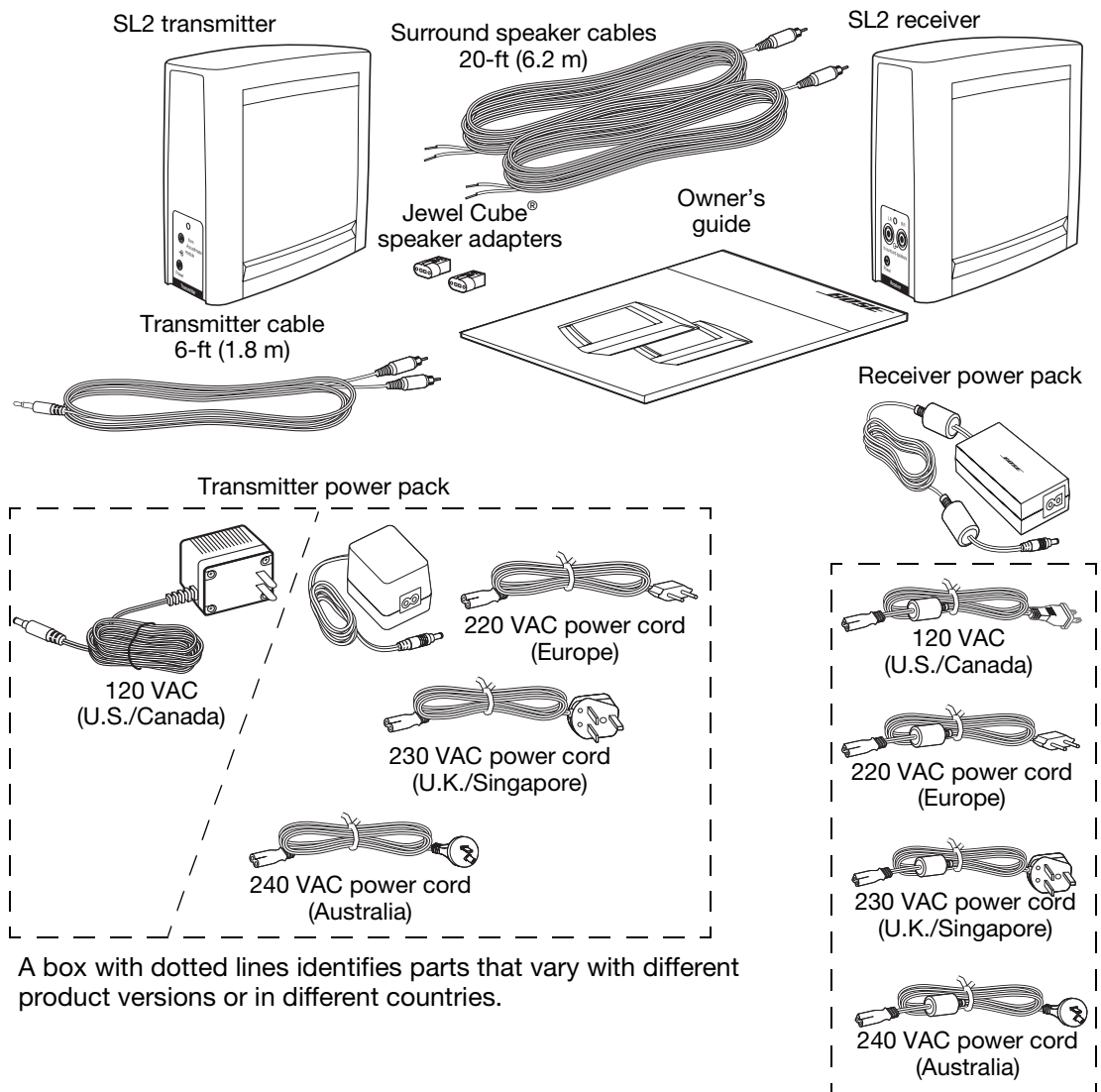
## Unpacking the carton

Carefully unpack the carton and save all packing materials, which provide the most secure way to transport the product.

Check to be sure your system includes all of the parts shown (Figure 1). If any part appears damaged, do not attempt to use it. Notify Bose or your authorized Bose dealer immediately. For Bose contact information, refer to the address sheet included in the carton.

**Figure 1**

*Carton contents*



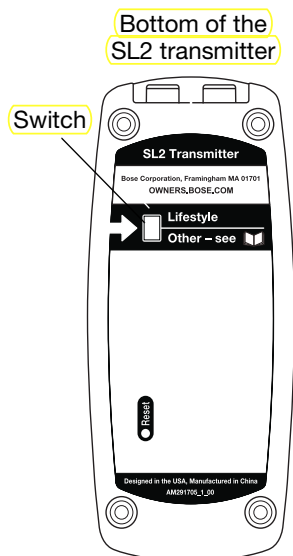
If you have not yet done so, now is a good time to find the serial number on the bottom of the SL2 transmitter, then copy it in the space provided on “For your records” on page 3.

### Setting the transmitter for your system

If your speakers are part of an Acoustimass® speaker system, you need to set the switch on the bottom of the SL2 transmitter to Other (Figure 2).

**Figure 2**

Speaker switch



For use of a LIFESTYLE® system with the SL2 Wireless Surround Link, the current default switch setting is optimal. There is no need to change the setting.

**Important note:** Running the ADAPTIQ® audio calibration system, which is provided with your LIFESTYLE® system, helps ensure the most accurate sound from your system. Be sure to use it after the SL2 is connected and your surround speakers are in the final position.

### Choosing positions for your SL2 transmitter and receiver

Radio frequency transmissions make this product easy to place. It is seldom necessary to point the SL2 transmitter at its receiver. This allows you to hide both from view if you like.

The SL2 transmitter, identified on the label, is also distinguished by a single input jack (see Figure 3 on page 6). The SL2 receiver, which is also labeled, has two output jacks.

1. Place the SL2 transmitter within 6½ feet (2 meters) of the Acoustimass® module. Make sure it is within reach of an AC (mains) outlet.
2. Place the SL2 receiver at the same end of the room as your surround speakers. It, too, should be within reach of an AC (mains) outlet.

Position the transmitter/receiver pair:

- From 6½ feet (2 meters) to 30 feet (9.2 meters) apart.
- Where the sides are unobstructed to allow for ventilation.
- Upright (neither upside down nor on a side) on the floor or other flat, stable surface.

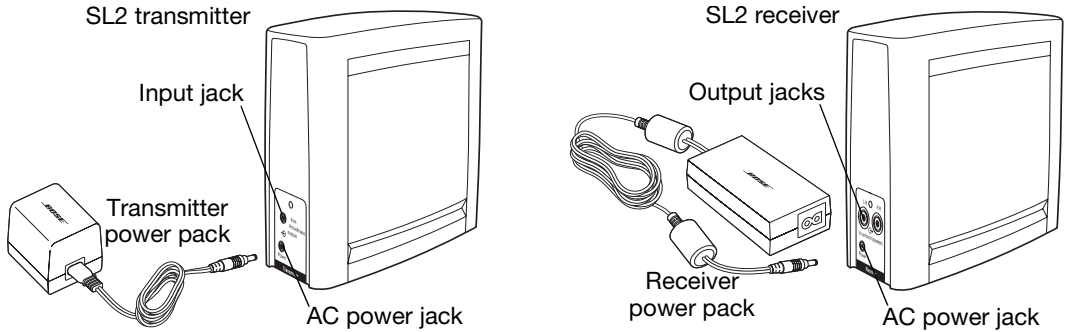
**Note:** If you experience any problem with communications between the SL2 transmitter and receiver, positioning them within line of sight to each other may be helpful. For further suggestions on how to deal with such problems, refer to “Troubleshooting” on page 9.

## Making the connections

Use the small power pack with the SL2 transmitter (Figure 3). The large power pack is for use with the SL2 receiver.

**Figure 3**

*Different power supplies*



Before you plug either of the supplied power packs into the wall, first connect it to the receiver power pack.

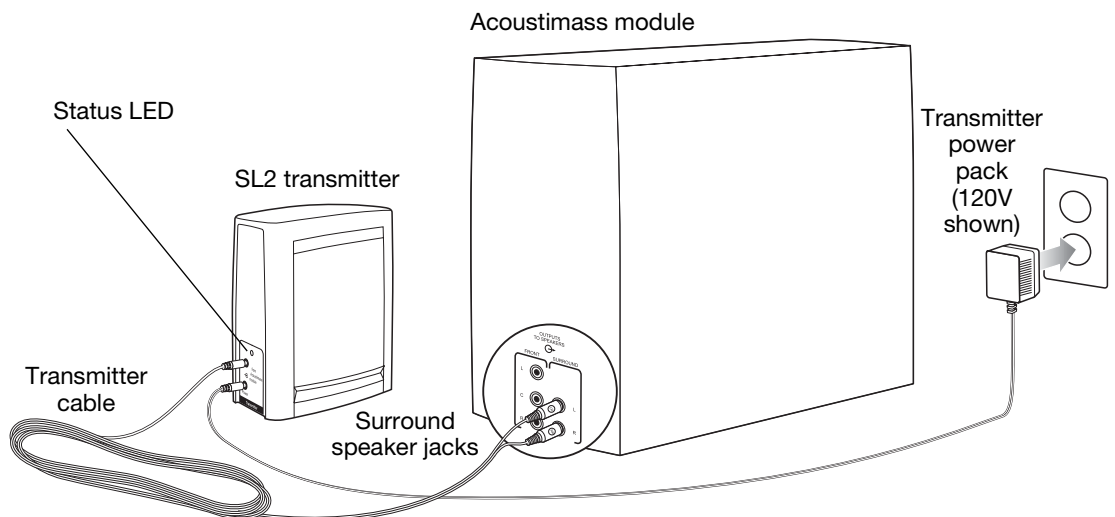
### Connecting the SL2 transmitter

Use the supplied transmitter cable to connect the SL2 transmitter to your Acoustimass® module, as follows (Figure 4):

1. Insert the single connector at one end of the cable into the input jack labeled Acoustimass Module on the back of the SL2 transmitter.
2. Connect the other end of the transmitter cable to jacks on the Acoustimass module.
  - Insert the purple connector marked RR into the jack labeled Right Rear or Surround R.
  - Insert the green connector marked LR into the jack labeled Left Rear or Surround L.
3. Connect the cable end of the transmitter power pack to the small jack labeled DC Power on the back of the SL2 transmitter.
4. Plug the transmitter power pack into a nearby AC mains outlet.

**Figure 4**

*Transmitter connections*



When the power supply is plugged in, a Status LED on the back of the transmitter blinks green.

## Connecting the SL2 receiver

Use the supplied 20-ft (6.2-m) cables to connect the speakers to the SL2 receiver. Or, you may prefer to use the longer surround speaker cables that came with your speakers.

🎵 **Note:** To use the SL2 supplied cables with Jewel Cube® speakers, first attach a Jewel Cube adapter to each cable as described in “To adapt the surround speaker cable for Jewel Cube speakers” on page 8.

### To make the receiver connections

Using the supplied 20-ft cable, follow the steps below:

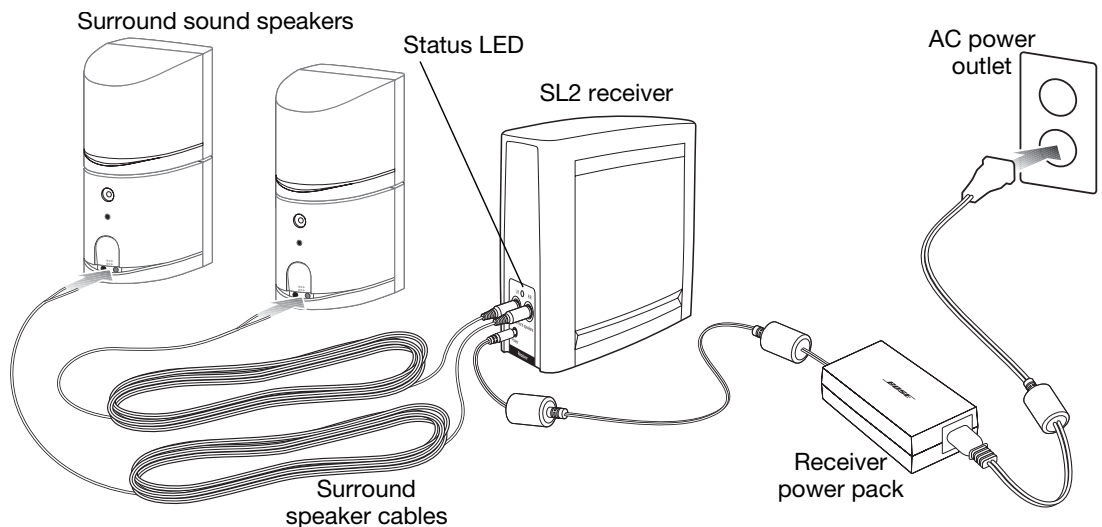
1. Insert the RCA connectors into the jacks on the back of the SL2 receiver (Figure 5).
  - Connect the purple one marked RR to the purple jack labeled RR.
  - Connect the green one marked LR to the green jack labeled LR.
2. Connect the wire ends of the cable to your surround speakers.
  - Insert the connector marked RR into the jack on the speaker that is placed on the right.
  - Insert the connector marked LR into the jack on the speaker that is placed on the left.

For details on how to set up and make connections to your surround speakers, refer to the owner’s guide provided with them.

3. Connect the cable end of the receiver power pack to the small jack labeled DC Power on the back of the receiver.
4. Plug the power cord into a nearby AC (mains) outlet.

**Figure 5**

SL2 receiver connection to speakers



When this power supply is plugged in, the Status LED on the back of the SL2 receiver blinks green. If both transmitter and receiver power supplies are connected and plugged in, the Status LEDs on both the SL2 transmitter and receiver light a solid green to indicate they are communicating with each other.

For an explanation of the other LED colors, refer to “What the Status LEDs indicate” on page 8.

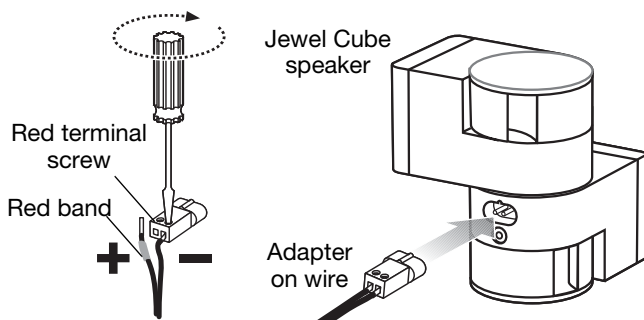
**To adapt the surround speaker cable for Jewel Cube® speakers**

Follow these steps before you connect the provided surround speaker cable to your Jewel Cube® speakers.

1. Loosen the screws on the Jewel Cube® speaker adapter so you can insert the two-wire ends into its terminals.
  - Insert the plain wire (–) into the plain terminal.
  - Insert the red-banded wire (+) into the red terminal.
2. Tighten the screws (Figure 6).

**Figure 6**

*Using the adapter with a Jewel Cube speaker*



Using this cable with the adapters attached, follow the steps in “To make the receiver connections” on page 7. Be sure to match each adapter to the proper speaker, right or left.

**What the Status LEDs indicate**

On the rear of the SL2 transmitter and receiver, the color of the Status LED indicates how each unit is functioning. The indicators include:

- Blinking green: the power pack is plugged in and the unit is searching for a signal.
- Solid green: the receiver and transmitter are communicating with each other. This green LED stays lit for several minutes after you turn off your system.
- Solid orange: in sleep mode for low power use when there is no signal to communicate.
- Blinking red: the SL2 receiver is too hot, or there is a problem with the surround speaker cable connection between the SL2 receiver and the speakers.

For information on how to deal with a blinking red LED, see “Troubleshooting” on page 9.



## Troubleshooting

<b>Problem</b>	<b>What to do</b>
Blinking red Status LED on either the SL2 transmitter or receiver	<ul style="list-style-type: none"> <li>• Disconnect the unit from the AC power outlet.</li> <li>• Remove any possible obstruction to ventilation and reposition the unit upright with clear space around the ventilation openings on each side. If the ventilation was obstructed, allow the unit a few minutes to cool before reconnecting it to the AC power outlet.</li> <li>• If it continues to blink red, check the cable connection between the SL2 receiver and the surround speakers. Make sure the connections are secure and the cable wires are not touching each other, which can cause a short circuit. Refer to “Connecting the SL2 receiver” on page 7. Reconnect the unit to the AC power outlet.</li> <li>• If it continues to blink red, unplug the unit from the power outlet and contact Bose® Customer Service. Refer to the address list included in the SL2 carton.</li> </ul>
No sound or intermittent sound	<ul style="list-style-type: none"> <li>• Make sure the audio source is playing and the program selected includes surround sound audio.</li> <li>• Check to be sure both the SL2 transmitter and receiver power packs are properly plugged into functioning AC power outlets. Refer to “Making the connections” on page 6.</li> <li>• Make sure that cables are properly connected to the SL2 transmitter, the Acoustimass® module, the SL2 receiver, and the surround speakers. The connectors must be inserted securely in the jacks.</li> <li>• Make sure the SL2 transmitter and receiver are no less than 6½ feet (2 meters) and no more than 30 feet (9.2 meters) apart.</li> <li>• Locate the small opening labeled Reset on the bottom of both the SL2 transmitter and the SL2 receiver. Insert a fine-pointed tool (like a straightened paper clip), into the small opening on the transmitter and then, within 30 seconds, on the receiver.</li> <li>• Move the receiver, the transmitter, or both so the transmission path between them does not intersect with large metal objects in your room or other obstructions (like a fish tank full of water).</li> </ul> <p>When the problem is resolved, the Status LEDs turn a solid green.</p>
Interference with a wireless (5.8GHz) phone	<ul style="list-style-type: none"> <li>• Increase the distance from each SL2 unit to the phone.</li> <li>• Press the channel button on the phone (if one is provided) to choose a different channel for phone transmissions.</li> </ul>

### Contacting Customer Service

For additional help in solving problems, contact Bose Customer Service. Refer to the address sheet included in the carton.

## **Technical Information**

### **Power supply rating**

Transmitter:

U.S.: 120V~ 60Hz 60mA  
EU: 220-240V~ 50Hz 60mA  
Other: 240V~ 50Hz 60mA

Receiver: 100-240V~ 50/60Hz 2A

### **Output:**

Transmitter: 8.2VDC 500mA  
Receiver: 24VDC 3.5A

### **Ambient operating temperature range**

40°F to 120°F (4°C to 49°C)

### **Frequency band**

5.8 GHz

### **Transmitter audio input level**

Compatible with amplifiers rated up to 200W per channel  
(Use with amplifiers rated above 200W may cause damage to the SL2.)

### **RF transmit power**

12 dBm maximum

### **Dimensions of each unit**

2"W x 5"D x 5"H (5.2 cm x 12.4 cm x 12.4 cm)

## **Limited Warranty information**

For your benefit, we recommend that you record product serial numbers and other purchase information on the form provided in "For your records" on page 3. Also keep your proof of purchase with this owner's guide. If necessary, this information will allow us to better serve your needs.

To send any correspondence regarding product information or Limited Warranty services, refer to the address list included in the carton.

This Limited Warranty applies only to Bose® products purchased in the United States, Puerto Rico and Canada. In other countries, other warranties may apply. For information about the Limited Warranty coverage elsewhere, please contact your Bose dealer.

### **Limited Warranty**

#### **What is covered:**

All parts defective in material and workmanship.

#### **What is not covered:**

Defects that have resulted from improper or unreasonable use or maintenance, accident, excess moisture, insects, improper packing, lightning, power surges, or unauthorized tampering, alteration, or modification are not covered.

**Limitation on liability:**

WHERE PERMITTED, THE PROVISIONS OF THIS LIMITED WARRANTY ARE IN LIEU OF ANY OTHER WARRANTY, WHETHER EXPRESS OR IMPLIED, WRITTEN OR ORAL, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Notwithstanding the above, where applicable, if you qualify as a “consumer” under the Magnuson-Moss Warranty Act, then you may be entitled to any implied warranties allowed by law for the period of the express Limited Warranty as set forth below. Some states do not allow limitations on how long an implied Limited Warranty lasts, so the above limitation may not apply to you.

**For how long:**

The Bose® Limited Warranty lasts one year from the purchase date for electronic products, systems, and powered speaker components, accessories, and other products not listed here.

**What we will do:**

We will, at our sole option, repair or replace any defective parts within a reasonable period of time and free of charge.

**What we will not do:**

Pay shipping or transportation charges from you to us.

**What you must do to obtain Limited Warranty Service:**

1. Return product with proof of purchase from an authorized Bose dealer directly to Bose Corporation. If you elect to return the product directly to Bose Corporation, the following procedures must be followed:

Contact Bose Corporation at 1-800-367-4008 for return authorization number, specific return and shipping instructions, which will include but may not be limited to:

Properly packing the product in the original carton for shipping. If you need a new carton, contact Bose Corporation for free packing material and box. Cartons not bearing a return authorization number will be refused.

2. Return product with proof of purchase from an authorized Bose dealer to a Bose Service Agency.

**Exclusive remedy:**

Subject to the limitations below, this Limited Warranty is fully transferable provided that the current owner furnishes the original proof of purchase from an authorized Bose dealer. THE MAXIMUM LIABILITY OF BOSE SHALL NOT EXCEED THE ACTUAL PURCHASE PRICE PAID BY YOU FOR THE PRODUCT. IN NO EVENT SHALL BOSE BE LIABLE FOR SPECIAL, INCIDENTAL, CONSEQUENTIAL OR INDIRECT DAMAGES. Some places do not allow limitations on the exclusion or limitation of relief, special, incidental, consequential or indirect damages, or the limitation of liability to specified amounts, so the above limitations or exclusions may not apply to you.

**Other conditions:**

This Limited Warranty gives you specific legal rights, and you may also have other rights that vary from country to country or state to state. **This Limited Warranty is void if the label bearing the serial number has been removed or defaced or if the product is not purchased from an authorized reseller.**

Your Limited Warranty Rights are not diminished if you do not complete and return the product registration card. Bose Corporation thanks you for your recent Bose product purchase. We hope it will give you years of satisfaction.

***BOSE***<sup>®</sup>  
*Better sound through research*<sup>®</sup>

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