

Bose® Model 100 Speakers

Owner's Guide

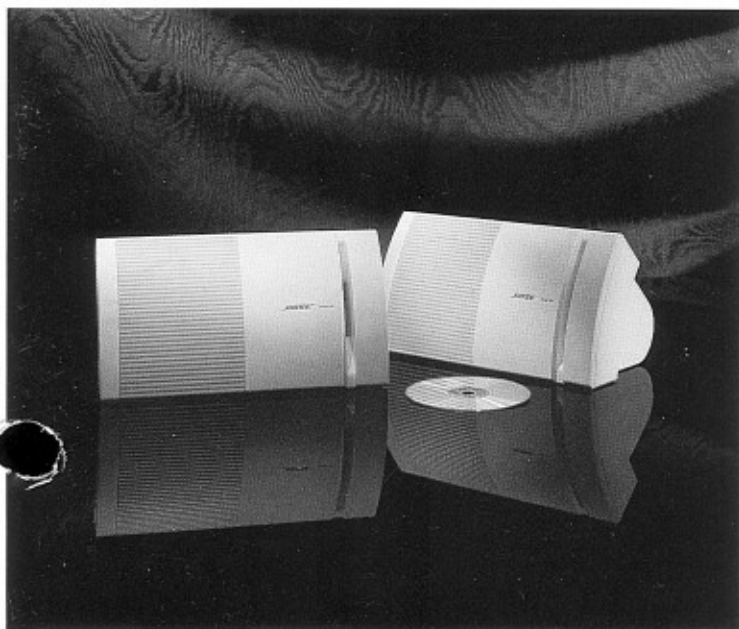
Bedienungsanleitung

Guia Del Usuario

Notice D'Utilisation

Manuale Dell'Utente

BOSE



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Note: If you need service or more information from Bose, refer to page 44.

Declaration of Conformity



We, the offerer:

Bose® Corporation, The Mountain
Framingham, MA 01701-9168 USA

acknowledge our sole responsibility, that the product:

Kind of equipment: **Loudspeaker**

Type designation: **Model 100, loudspeaker**

in accordance with EMC Directive 89/336/EEC and Article 10(1) of the Directive, is in compliance with the following norm(s) or document(s):

Technical regulations: **EN50081-1, EN50082-1**

Accredited by Bose Corporation

6 October 1995

Bose B.V.
Nijverheidstraat 8, 1135 GE Edam
The Netherlands

Paul Olean
General Manager, Bose Europe
Manufacturer's authorized EU representative

Thank you for purchasing Bose® Model 100 speakers. Their advanced design and quality construction are intended to provide long-term listening enjoyment in your home.

How and where to use Bose Model 100 speakers

Your Model 100 speakers are engineered to provide quality Bose speaker performance from a simple, elegant design.

Unique Bose technologies, including the StarDriver™ 4.5-inch full-range driver, deliver performance usually associated with much larger speakers.

Place these speakers wherever you want full stereo performance without sacrificing space. Place them on a bookcase or shelf, in a vertical or horizontal position. To mount them on a wall or ceiling, carefully follow the bracket installation instructions in the appendix (page 38) of this owner's guide.

Unpack the speakers

Unpack each speaker carefully. Save the carton and packing materials for possible later use. If either speaker appears damaged, do not operate either one. Repack both speakers in the original carton and notify your authorized Bose dealer immediately.

Decide where you want them

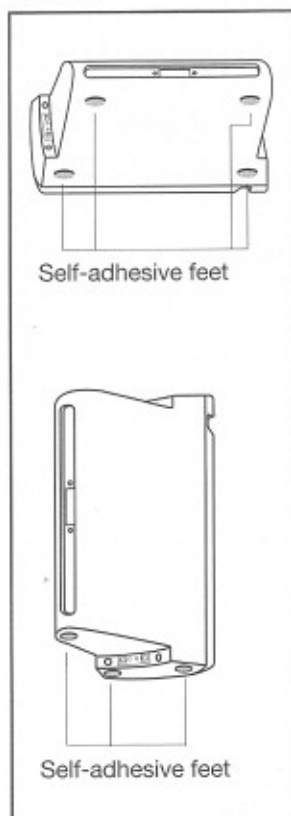
For best acoustic performance, place one of your identical speakers on the left and the other on the right of the room, facing the listening area, at least 5 feet (1.5 m) apart.

For video sound reproduction, place the speakers at least 9 inches (23 cm) from the video screen to prevent interference. For rear channel use in a home theater surround sound system, put the speakers near the back of the room, behind the viewers. (You may want to consult the owner's guide that came with your surround sound electronic equipment.)

Once you have decided to stand your speakers vertically or horizontally, attach the supplied self-adhesive feet to the bottom surface of each for greater stability (see Figure 1).

Figure 1

Attach the self-adhesive feet to the bottom of the speakers if they will stand in a horizontal or vertical position.



Choose the speaker cord

Be sure to use the proper gauge (thickness) of speaker cord. Standard zip cord (2-conductor, 18-gauge wire found at electrical and hardware stores) works for most applications. If your speakers will be more than 30 feet (9 m) from the receiver or amplifier, see the wire recommendations under "Technical information" on page 7. Or check with your authorized Bose dealer.

Use the cord properly

Speaker cord consists of two insulated wires. The insulation around one wire is striped, collared, or ribbed. This marked wire is always positive (+). The plain wire is always negative (-). These correspond to the positive (red) and negative (black) terminals on the back of each speaker, receiver, or amplifier. Be sure to connect each wire to the proper terminal (positive to positive, negative to negative).

To prepare the ends of each cord

At the ends of each cord, strip approximately 1/2" inch (12 mm) of insulation from both wires. Twist the bare ends of each wire.

To connect the cords

Locate the terminals on the back of each speaker. Slide each terminal button aside and insert the proper wire (see Figure 2). Make sure each wire is firmly attached.

CAUTION:

Before making any connections, turn off your receiver or amplifier and unplug it from the outlet (the AC power mains).

Note:

Be sure to cut enough cord to reach from the receiver to each speaker.

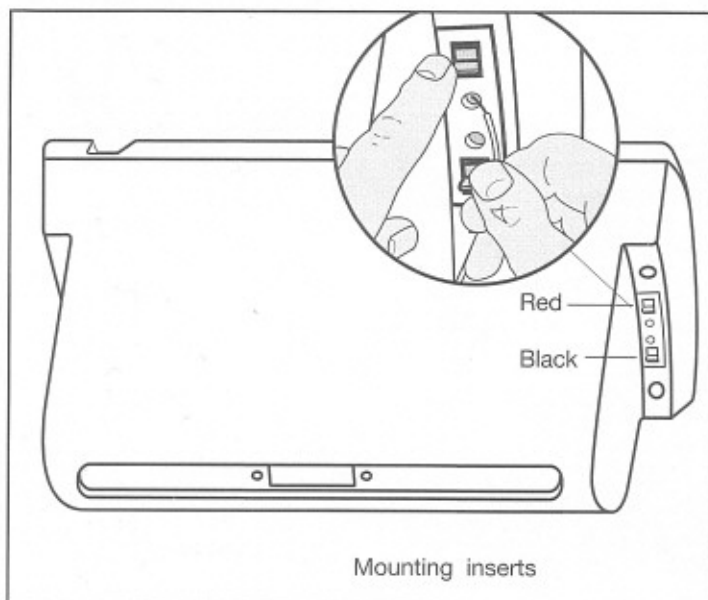


Figure 2

Insert the marked wire end into the red terminal opening. Insert the plain wire end into the black terminal opening.

Make the connections

1. Connect one cord to the left channel of your receiver or amplifier.
 - a. Attach the marked wire at one end to the red (+) terminal.
 - b. Attach the plain wire at that end to the black (-) terminal.
2. Connect the other end of the same cord to your left speaker.
 - a. Attach the marked wire to the red (+) terminal.
 - b. Attach the plain wire to the black (-) terminal.
3. Connect the other cord to the right channel and right speaker, following the same procedure.

Check the connections

Check all connections carefully. Make sure no loose strands of wire touch across terminals. This could create short circuits that can damage an amplifier or receiver.

Secure any loose wires before you plug in the receiver or amplifier.

Test the connections

To make sure your speakers operate correctly:

1. Set the receiver or amplifier balance control to normal (centered). Set it for MONO (monophonic) if you have that option, and turn it on.
2. Place the speakers less than 6 inches (15 cm) apart, facing each other.
3. Play some deep bass passages of music through the speakers.

The sound should seem to come from a point between the two speakers. The bass should be full and natural. If not, your connections may be out of phase. Reverse the connections on the back of one speaker. Then repeat steps 1 – 3.

How to maintain Bose Model 100 speakers

How to clean the speakers

Use a cloth dampened with water to wipe your Model 100 speakers clean. Do not use harsh chemicals or household cleaners. Do not apply liquids directly to the speakers. If you vacuum the front grille of the speakers, do so carefully.

How to check out problems

If you have any problems with your Model 100 speakers, the suggestions below may save you a call for service.

If neither speaker plays

- Check the settings on your receiver or amplifier. Refer to the owners guide that came with it for instruction on settings.

If the bass or treble is weak

- Check the tonal balance setting on your receiver or amplifier.

If only one speaker plays

- Check the balance control on your receiver or amplifier.
- Check the wires connected to the speaker that does not play. Make sure the wires are in good condition and are firmly connected. Review "Speaker hook up," beginning on page 4.

If one speaker still does not play

- Disconnect the wires from both the speaker and the receiver or amplifier. Disconnect the other cord from its speaker, and connect that end of the cord to the speaker that doesn't play.

If the speaker still doesn't play, the problem is in the speaker. If the speaker now plays, continue checking for the source of the problem.

- Disconnect the same cord from the amplifier or receiver. Connect it to the other outputs on the amplifier or receiver.

If the speaker plays, the problem is in the original cord that was connected to that speaker. If the speaker does not play, the problem is in that channel of the receiver.

If the above solutions fail to solve your problem, contact your authorized Bose® dealer to arrange for service. Or, to contact Bose directly, refer to page 44. Bose Corporation will make every effort to resolve the problem, within the terms of your warranty.

Technical information

Quality standard

Syncom® computer quality control

Driver complement

One (1) StarDriver™ 4.5" (11.4 cm) full-range driver per speaker

Enclosure

Tuned port, molded high impact polystyrene

Dimensions

6.1"H x 11"W x 5.9"D (15.5 x 28.0 x 15.0 cm)

Compatibility

Rated 50W IEC; compatible with amplifiers or receivers rated 10-80 watts per channel, rated 4-8 ohms

Wire recommendations

Based on a maximum frequency response deviation of ± 0.5 dB.

Gauge	Length
18 (0.75 mm ²)	30 ft (9 m) maximum
16 (1.5 mm ²)	45 ft (14 m) maximum
14 (2.0 mm ²)	70 ft (21 m) maximum

Weight

6.8 lb (3.1 kg) per pair, in the carton

Customer information

The serial numbers on my Bose® Model 100 speakers are:

and

I purchased them on (date):

I purchased them from:

City:

Warranty period

Bose® Model 100 speakers are covered by a limited five-year transferable warranty.

Please fill out the personal information section on the Warranty Registration card attached at the front of this guide. Then detach and mail it to Bose. You can locate the address of the Bose organization for your country on the list inside the back cover of this guide.

Limited warranty

What is covered:

All parts defective in material or workmanship.

For how long:

Five years from the purchase date.

What we will do:

We will, at our sole option, repair or replace any defective parts free of charge.

What we will not do:

Pay shipping or transportation charges from you to us.

What you must do:

1. Return product personally with proof of purchase from an authorized Bose dealer to your authorized Bose dealer, or
2. Return product personally with proof of purchase from an authorized Bose dealer to the nearest Bose Service Agency, or
3. Return product personally with proof of purchase from an authorized Bose dealer directly to the Bose organization in your country. If you elect to return the product directly to a Bose organization,
 - a. Contact the Bose organization in your country for specific return and shipping instructions;
 - b. Properly pack the product in the

original carton for shipping. If you need a new carton, contact the Bose organization in your country for a new carton available at a nominal charge;

- c. Label and ship, freight prepaid, to the address provided by the Bose organization in your country, and
- d. **Place any necessary return authorization number** prominently on the outside of the carton. (Cartons not bearing a return authorization number, where required, will be refused.)

Other conditions:

This warranty is fully transferable provided the current owner furnishes the original proof of purchase from an authorized Bose dealer. THE PROVISIONS OF THIS 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. BOSE'S MAXIMUM LIABILITY 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. This warranty does not cover a defect that has resulted from improper or unreasonable use or maintenance, accident, improper packing, or unauthorized tampering, alteration, or modification as determined solely by us. This warranty is void if the label bearing the serial number has been removed or defaced.

Other Law Rights:

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state or country to country. Some places do not allow limitations on implied warranties or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

USA

Bose Corporation, The Mountain
 Framingham, MA 01701-9168
 1-800-288-BOSE (1-800-288-2673)
 Weekdays 9 a.m. to 8 p.m.
 Saturdays 9 a.m. to 3 p.m. Eastern Time

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Bose Ltd., 8-35 East Beaver Creek Rd.
 Richmond Hill, Ontario L4B 1B3
 1-800-444-BOSE (1-800-444-2673)
 9 a.m. to 5 p.m. ET (eastern time)

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 Parramatta, N.S.W. 2150
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Belgique/België

Bose N.V., Limesweg 2, B-3700 Tongeren
 TEL 012-390800 FAX 012-390840

Danmark

Bose A/S, Industrivej 7, 2605 Brøndby
 TEL 43437777 FAX 43437818

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 D-61381 Friedrichsdorf
 TEL 06172-71040 FAX 06172-710419

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 78100 Saint Germain en Laye
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 1135 GE Edam
 TEL 0299-366661 FAX 0299-368166

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 N-2001, Lillestrøm
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Bose Ges.m.b.H., Vienna Business Park
 Wienerbergstrasse 7 (10.OG)
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 TEL 01-60404340 FAX 01-604043423

Schweiz

Bose AG, Rünenbergerstrasse 13
 4460-Gelterkinden
 TEL 061-9815544 FAX 061-9815502

Sverige

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 S-43146 Mölndal
 TEL 031-878850 FAX 031-274891

United Kingdom

Bose Limited, Unit G2
 Trinity Trading Estate
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 Framingham, MA 01701-9168 USA
 TEL (508) 229-8484 FAX (508) 229-3891



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