

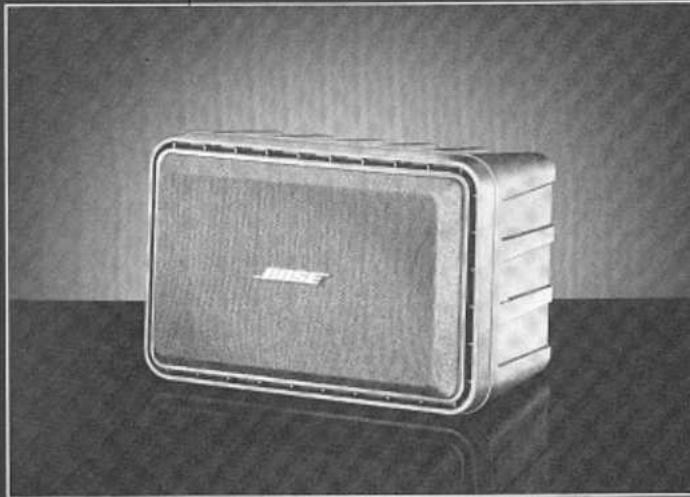
—
THE BOSE®

—
VS-100™

—
VIDEO SPEAKER

—
SYSTEM

—
OWNER'S GUIDE



BOSE®

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Your new VS-100™ video speaker

Thank you for purchasing the Bose® VS-100™ video speaker. Its quality construction and advanced design, developed through ongoing research at Bose, are meant to provide years of listening pleasure.

The VS-100 system is engineered specifically for use with video sound tracks. Its full-range driver and built-in passive equalization make it especially well-suited for use in center and rear channel surround sound applications. This compact, magnetically shielded speaker is also well-matched to a wide range of other Bose speakers, for assembling a complete home theater system.

The role of the VS-100 video speaker

The Bose VS-100 video speaker works for both center and rear channel surround sound reproduction. Video sound can be directed to them by a receiver with steering logic, such as Dolby Pro Logic surround. Steering logic directs sound to speakers around the room. This locates the source of sounds on screen and beyond, for a more lifelike video experience.

When connected to a receiver's active center channel, the VS-100 speaker provides a sense that dialogue is coming right from the screen. It's much of the same sense you get in a movie theater.

As rear channel speakers, reproducing sound some distance from the screen, the VS-100 speaker adds depth to the video soundstage. This can significantly increase the impact of movie special effects.

In both roles, the VS-100 is designed to work with front channel speakers as part of a complete surround sound system. For this purpose, Bose offers a selection of high quality speakers, such as the 901® Series VI Direct/Reflecting® speaker system.

Unpack the system

To remove your VS-100™ video speaker from the carton, first remove all packing materials. Carefully lift the speaker out and inspect it. If any parts appear damaged, do not attempt to use the speaker. Repack the speaker in its original carton and notify your authorized Bose® dealer immediately.

This guide provides basic information on how to set up and connect the speaker for both center and rear channel operation. For testing and operating the speaker, refer to your receiver owner's guide.

If you prefer to mount the speaker, the UB-5 or WB-10 wall/ceiling mounting brackets are available from Bose. To purchase brackets, contact your local Bose dealer. Or call Bose, toll free, at 1-800-444-BOSE in the USA or Canada.

Position the speaker for best performance

As a center channel speaker

You can place the magnetically shielded VS-100 speaker very close to your video screen without causing interference. (Figure 2, placement "A" and "B.") You may prefer it directly on top of, above, or below your television. Placing it right next to or even behind the screen may also give you the effect you want. Feel free to experiment.

As a rear channel speaker

A rear channel speaker performs best when it is positioned behind the viewers or listeners. You may choose to locate it along a rear or side wall (Figure 1).

You can position the two speakers, one for the right and one for the left rear channel, as far apart as your room will allow. You may prefer to mount them inconspicuously, using wall/ceiling brackets.

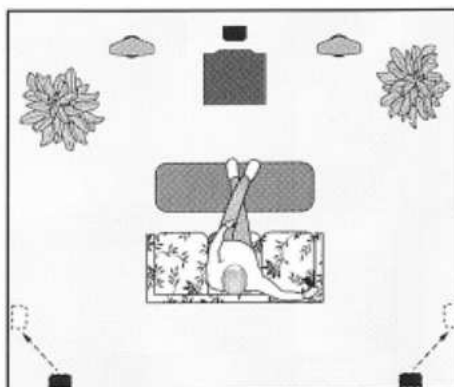


Figure 1

Connecting the speaker

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

About the cord and how to insert it

Use of the proper gauge (thickness) of speaker wire is important. For most applications, you can use standard zip cord (2 conductor, 18-

gauge wire found at electrical and hardware stores). Use enough cord to reach between the speaker and the receiver.

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

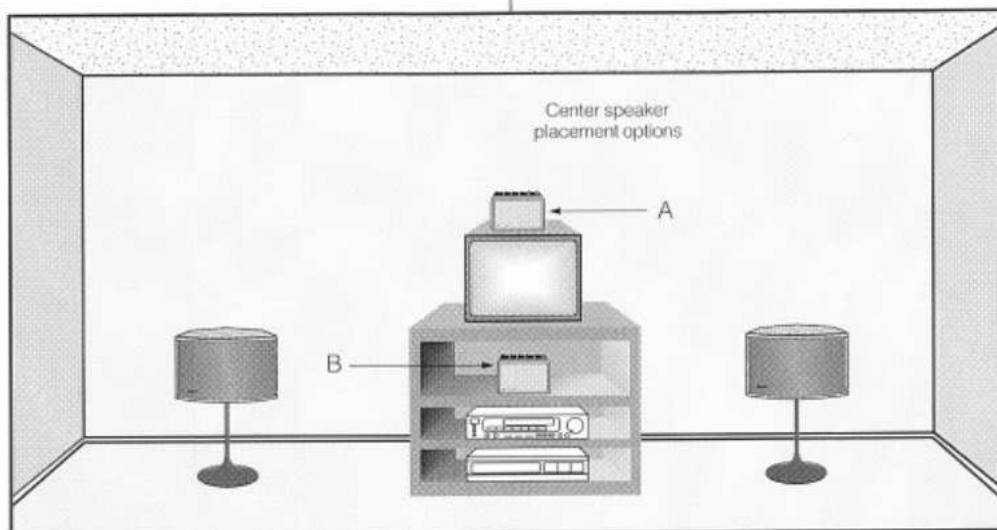


Figure 2

First strip about 1/2 inch (12 mm) of insulation from each wire and twist the separate wire ends. Then, to connect a wire, push the terminal tab down. Insert the end of the wire into the exposed hole. Release the tab to secure the wire (Figure 3).

To connect a center channel speaker

Attach both wires at one end of the cord to the terminals on the back of the speaker. Make sure the connections are made positive to positive and negative to negative.

Now connect the free end of the cord to the CENTER (C) SPEAKER terminals on your receiver. If there is more than one center channel set of terminals (+ and -), use either set.

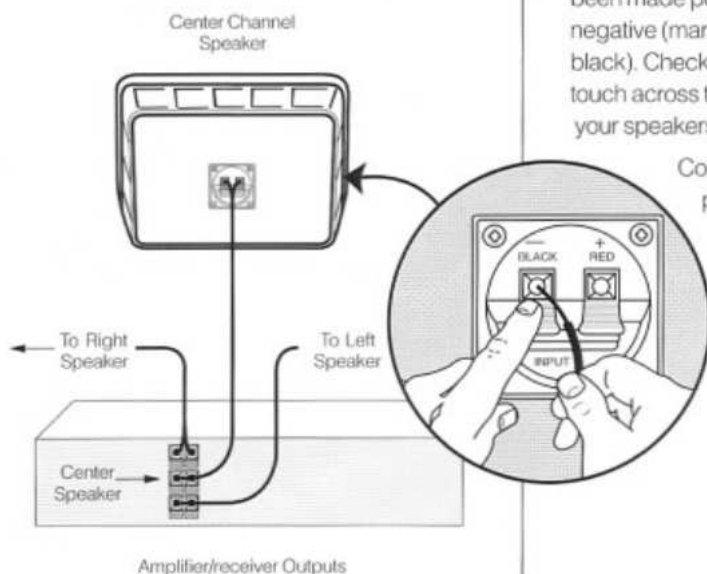


Figure 3

To connect a rear channel speaker

Attach both wires at one end of a cord to the terminals on the back of one speaker. Make sure the connections are made positive to positive and negative to negative.

Now connect the free end of that cord to the REAR SPEAKERS (L) or (R) terminals on your receiver.

Tip: It does not matter which of these speakers is connected to the L and which to the R terminals. Therefore you don't need to cross the wires leading from your speakers to your receiver.

Check your connections before turning the system on

Make sure the connections are tight and have been made positive to positive and negative to negative (marked wire to red, plain wire to black). Check to be sure that wires do not touch across terminals, which can damage your speakers.

Correct any problems before you plug the receiver in and turn it on.

Receiver considerations

Bose® has engineered the VS-100™ speaker to work with surround sound receivers that provide an amplified center channel. If your receiver's center channel is not amplified, you can still obtain full center channel performance.

To do so, use an RCA cable to connect an amplifier to your receiver. Run the cable from the receiver's center channel RCA-type output terminal to the RCA-type input on the amplifier. Then connect the amplifier's output to the center channel speaker. On a stereo amplifier, there are two outputs. Use either one.

The VS-100 speaker is designed for audio as well as video applications. Refer to your receiver owner's guide for a description of audio operations.

For the best speaker performance in video applications, be sure the Center mode (sometimes called Pro Logic mode) on your surround sound receiver is set to NORMAL. (This is true regardless of the brand of receiver.) See Figure 4.

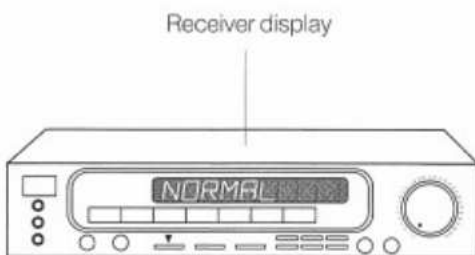


Figure 4

Set the Center mode on the receiver to NORMAL.

Testing and balancing your speakers

Before testing for proper operation, plug your receiver and/or amplifier into the AC power outlet and turn on the power.

The type of receiver you are using will determine the proper procedure for testing and adjusting speakers. On some receivers, you will test the center channel speaker separately. Others allow you to adjust all speakers, front and rear, using a special test mode.

To ensure proper adjustment of the speaker volume balance, refer to the instructions in your receiver owner's guide.

Accessories

To add to your VS-100™ speaker placement options, Bose® offers UB-5 or WB-10 wall/ceiling mounting brackets. To purchase brackets, contact your local Bose dealer. Or call Bose, toll free, at 1-800-444-BOSE in the USA or Canada.

Cleaning your speakers

Clean the cabinets of your VS-100 speaker using a damp cloth. If necessary, use a mild detergent such as dish soap. Use care so that liquid does not spill through the speaker grille.

If necessary, you can vacuum the speaker grille. Avoid applying any pressure with the vacuum nozzle. The driver is located directly behind the grille cloth. Damage may occur if reasonable care is not taken.

In case you have a problem

If you have a problem connecting and using your VS-100 speaker, try the procedures listed below. If this does not solve the problem, refer to the troubleshooting section in your receiver owner's guide. Problems are more likely to originate in electronic components rather than in the speakers.

Problem

No sound from a speaker

Solution

Make sure your amplifier is plugged in and the power is turned on.

If your receiver has a record mode, make sure it is not selected.

If your receiver has a MUTE button, make sure it is not engaged.

Problem

No sound from the center speaker

Solution

Check for solid connections between the speaker and the receiver.

If only the center channel speaker is silent, check to make sure your receiver's CENTER OFF button is not pressed. Check to be sure you are in the Center mode and NORMAL is selected. Make sure you are not in the Pro Logic Phantom mode.

Problem

No sound from the rear speaker(s)

Solution

Check for solid connections between the speaker and the receiver.

Check to be sure your receiver is in the surround mode.

Problem

Distortion or *still* no sound from one or more speakers.

Solution

Turn off the amplifier or receiver. Check the connections and cables for a visible problem. If they appear normal, disconnect the cable wires from the receiver. *Do not switch the speaker cables*, as this could damage your speaker. Instead, reconnect the cable of the speaker in question to a properly functioning receiver channel. Adjust the receiver's balance control to test that channel. If the speaker now works, the first receiver channel is probably defective.

Problem

Hum or noise

Solution

Make sure your receiver is not situated too close to another electronic device. Refer to your receiver owner's guide for placement guidelines.

If problems persist after following these procedures and those listed in your receiver owner's guide, contact your local Bose® dealer. The dealer will verify any defects and arrange for service from an authorized service agency. Bose Corporation will make every effort to remedy any problem within terms of the limited warranty.

Warranty Period.

The Bose® VS-100™ video speaker is covered by a five-year transferable warranty.

For service

To obtain information or service directly from Bose*:

USA

Call 1-800-444-BOSE (2673)
8:30 a.m. to 9 p.m. ET.

Canada

Call 1-800-465-BOSE (2673)
9 a.m. to 5 p.m. ET

European Headquarters

Bose DISTCO B.V., Nijverheidstraat 8,
1135 GE Edam, Holland
TEL (31) 2993-71055
FAX (31) 2993-68163

Australia

Bose Australia, Inc., 11 Muriel Avenue,
Rydalmere, N.S.W. 2116
TEL (02) 684-1022 FAX (02) 684-1665

Belgium

Bose N.V., Essenestraat 15,
1740 Ternat, Belgium
TEL 02-5826200 FAX 02-5823717

Denmark

Bose A/S, Industrivej 7,
2605 Brøndby, Denmark
TEL 4343-7777 FAX 4343-7818

France

Bose SARL, 6, Rue Saint Vincent,
78100 St. Germain en Laye, France
TEL 01-30610461 FAX 01-30614105

Germany

Bose GMBH, Max Planckstrasse 36,
6382 Friedrichsdorf,
Postfach 1125, Germany
TEL 06172-71040 FAX 06172-710419

Holland

Bose B.V., Nijverheidstraat 8,
1135 GE Edam, Holland
TEL 02993-69191 FAX 02993-68166

Ireland

Bose Ireland, Castleblayney Road,
Carrickmacross, Co Monaghan, Ireland
TEL 042-61988 FAX 042-61998

Italy

Bose SPA, Via Luigi Capucci 12,
00147 Rome, Italy
TEL 06-5127641/2 FAX 06-5115438

Spain

Bose Products B.V. Sucursal en España,
Avda de Aragón 334, Poligono Las
Mercedes, 28022 Madrid, Spain
TEL 01-3290210 FAX 01-7472080

Switzerland

Bose A.G., Rünenbergerstrasse 13A,
CH-4460 Gelterkinden, Switzerland
TEL 061-995544 FAX 061-995502

United Kingdom

Bose U.K. Ltd., Trinity Trading Estate,
Sittingbourne, Kent ME10 2PD,
United Kingdom
TEL 0795-475341/5 FAX 0795-427227

Other locations

Bose Corporation, Service Department,
Otis Street Park, Building 3, PO Box 5045,
Westborough, MA 01581-5045 USA
TEL (508) 366-9896 FAX (508) 872-6541

Technical information

Features

Magnetic shielding
Syncom® II computer quality control

Driver Complement

One 4 1/2" wide-range driver

Compatibility

Compatible with receivers or amplifiers rated
10-100 watts per channel; rated 8 ohms
EC rating: 60 watts/channel

Cabinet

Black high impact molded polypropylene
with cloth grille

Dimensions

6"H x 9"W x 6"D

Weight

7 lb (3.2 kg) in shipping carton

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Better sound through research.

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