

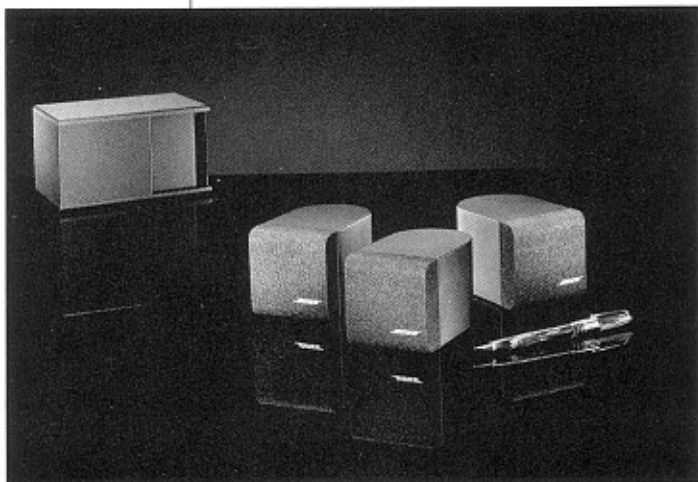
—
THE BOSE®
—

ACOUSTIMASS®-4
—

HOME THEATER
—

SPEAKER SYSTEM
—

OWNER'S GUIDE
—



—
BEDIENUNGSANLEITUNG
—

GUIDA DEL USUARIO
—

NOTICE D'UTILISATION
—

MANUALE DI ISTRUZIONI

***BOSE*®**

Customer information

The serial numbers on my Bose®
Acoustimass®-4 home theater speakers are:

_____ and _____

I purchased them on (date): _____

I purchased them from: _____

City: _____

Table of contents

Your new Bose Acoustimass-4 home theater speaker system	3
How you get so much from something so small	3
Unpack the system	4
Five basic steps to setting up the system	4
Testing your speakers	8
Accessories	8
Cleaning your speakers	8
In case you have a problem	9
Warranty period	10
For service	10
Technical information	11

Your new Bose® Acoustimass®-4 home theater speaker system

Thank you for purchasing the Bose Acoustimass-4 home theater speaker system. Its quality construction and advanced technologies, developed through ongoing research at Bose, are meant to provide you with unqualified listening pleasure.

Acoustimass speaker technology, for instance, brings you full, natural audio performance for greater realism from video soundtracks. The advantages of this Virtually Invisible® system also include its size, which commands very little of your home theater space.

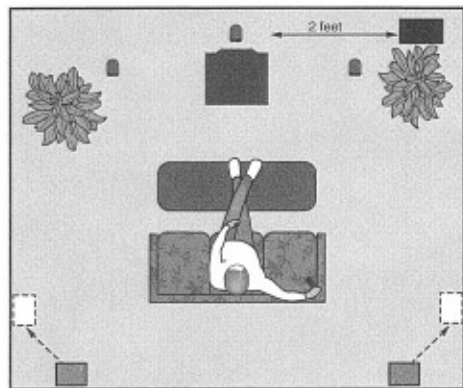


Figure 1

How you get so much from something so small

The system consists of an Acoustimass bass module, which you can place out of sight, and three cube speakers. These cube speakers reproduce the left, right, and center channel sound directed to them by a receiver with the steering logic required for surround sound.

Receivers with steering logic direct sound to speakers around the room. Locating the source of sounds on screen and beyond makes the video stage seem more lifelike. For instance, the center speaker, connected to a receiver's active center channel, gives a sense that dialogue is coming right from the screen, just as in a movie theater.

To achieve a full surround sound effect, you may also connect rear speakers to your receiver (see Figure 1). They will expand your soundstage even more, and can add to the impact of movie special effects. Bose offers a selection of speakers, such as the Acoustimass®-3 system, Model 100 speakers, VS-100™ video speaker, and the Freestyle® speaker system, suitable for rear channel sound.

Unpack the system

Everything you need to hook up your Acoustimass®-4 home theater system comes in one carton.

Three (3) cube speakers

One (1) Acoustimass bass module

Six (6) cables, 20' each

Four (4) adhesive-backed rubber feet

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

Note: If you are planning to use wall brackets to mount your cube speakers, we recommend that you read this guide thoroughly first, before you decide where to place the brackets.

Five basic steps to setting up the system

1. Decide where you want each speaker.

All three *identical* cube speakers are magnetically shielded so you can place them very close to your video screen.

In average rooms, the best video sound effect results when the left and right cube speakers are at least 6 feet apart (about 1.8 m). You may prefer as much as 15 feet (about 4.5 m) of separation.

Place the center channel cube speaker directly on top of, above, or below your television (see Figure 2, placement "A" and "B"). Placing it right next to or even behind the screen may also give you the effect you want. Feel free to experiment.

Refer to the Accessories section if you would like to mount your cube speakers on stands or wall/ceiling brackets.

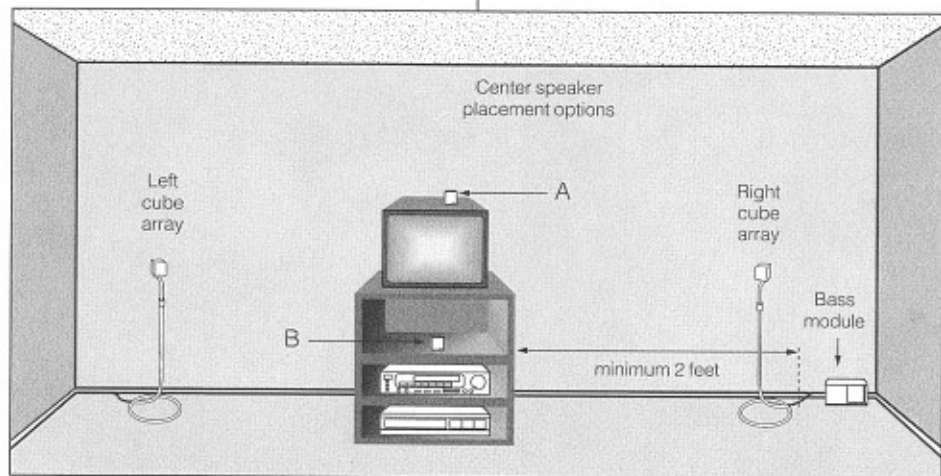


Figure 2

Acoustimass® bass module considerations

In average rooms and conditions, placing the module along a wall near the corner should provide a normal balance of frequencies. Just make sure not to block the opening end of the module.

Moving the module's open end closer to a corner will increase bass response. Placing it further from the corner will decrease the bass. Let convenience and sound preference be your guides.

Once you have determined where and in what position you will place the module, apply the rubber feet to its bottom surface. They will help protect and stabilize the module. Keep the module at least 2 feet from your video screen to avoid video interference (see Figures 1 and 2).

2. Connect your cube speakers to the Acoustimass bass module.

You will use three of the supplied cables to connect the cube speakers to the module. Each cable has one wire marked with a red band. (Some wires may be marked with a white or grey stripe instead.) This is the positive (+) wire that connects to a positive (red) terminal (see Figure 3).

Attach one end of one cable to the terminals on the back of the first cube speaker. Make sure the wires are connected red to red and black to black (+ to + and - to -). Repeat with each of the remaining arrays and cables.

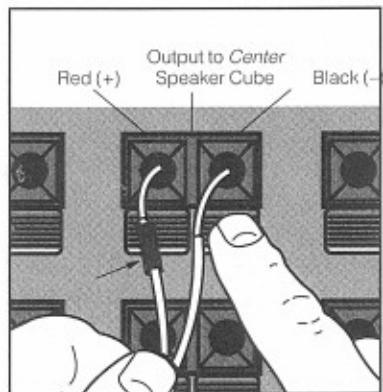


Figure 3

Now connect the free end of these cables to the OUTPUT to cube speakers Left, Center, and Right (L, C, and R) on the bass module. Any of the identical arrays will work for any channel. So, as you face your video screen, the array you place to the left of the screen will connect to L. The center array will connect to C and the right array to R (refer to Figure 2).

Note: Do not connect any of the cube speakers directly to the receiver or amplifier (Figure 4).

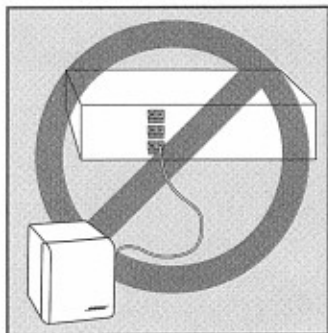


Figure 4

3. Connect the bass module to your receiver or amplifier.

Caution: Be sure the receiver is turned off and unplugged from the power source before making these connections.

You will use the remaining three cables to connect the module to the receiver. Remember that the red banded (white or grey striped) wire is positive (+) and connects to a positive (red) terminal.

Attach one end of one cable to one set of INPUTS FROM RECEIVER OR AMPLIFIER terminals on the Acoustimass® bass module. Repeat with the remaining two cables.

Now, connect the free end of each of the cables to your receiver's speaker terminals. Make the L and R connections to the FRONT SPEAKER terminals. Make the C connection to the terminals of the amplified CENTER SPEAKER channel.

4. Check your connections before turning the system on.

Be sure that each cube speaker is connected to the bass module and NOT directly to the receiver (see Figure 6).

Make sure all connections are consistent, red to red and black to black. Be certain wires do not touch across terminals, which can damage speakers.

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

Note: Some receivers provide terminals for more than one pair of front speakers. Sometimes these are labeled Speaker A and Speaker B. Use either set of terminals, unless one is designated for a particular ohm rating. If so, choose the terminals indicated for use with speakers rated 8 ohms (8Ω) or less.

5. Set your receiver or amplifier to NORMAL.

For the best speaker performance in video applications, be sure the Center mode (sometimes called Pro Logic mode) on your surround sound receiver or amplifier is set to NORMAL. (See Figure 5.) This is true regardless of the brand of receiver.

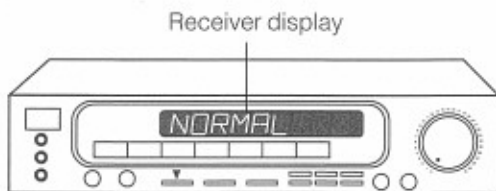


Figure 5

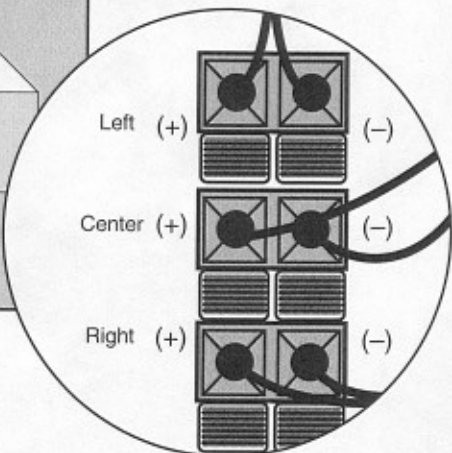
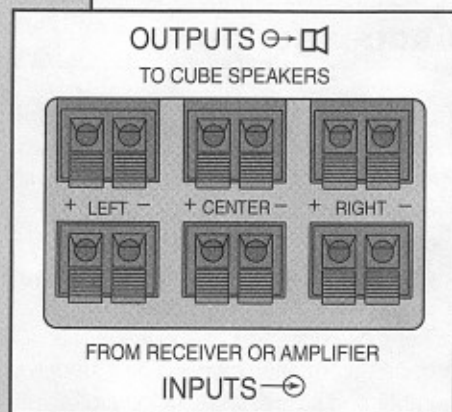
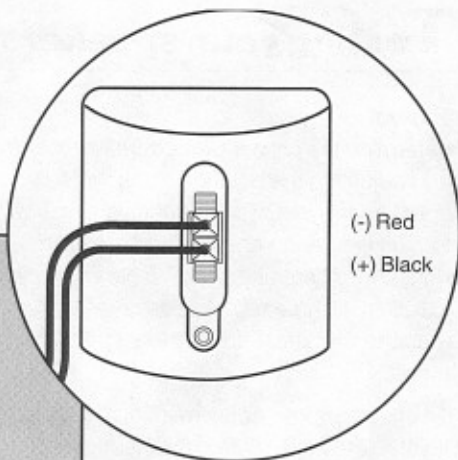
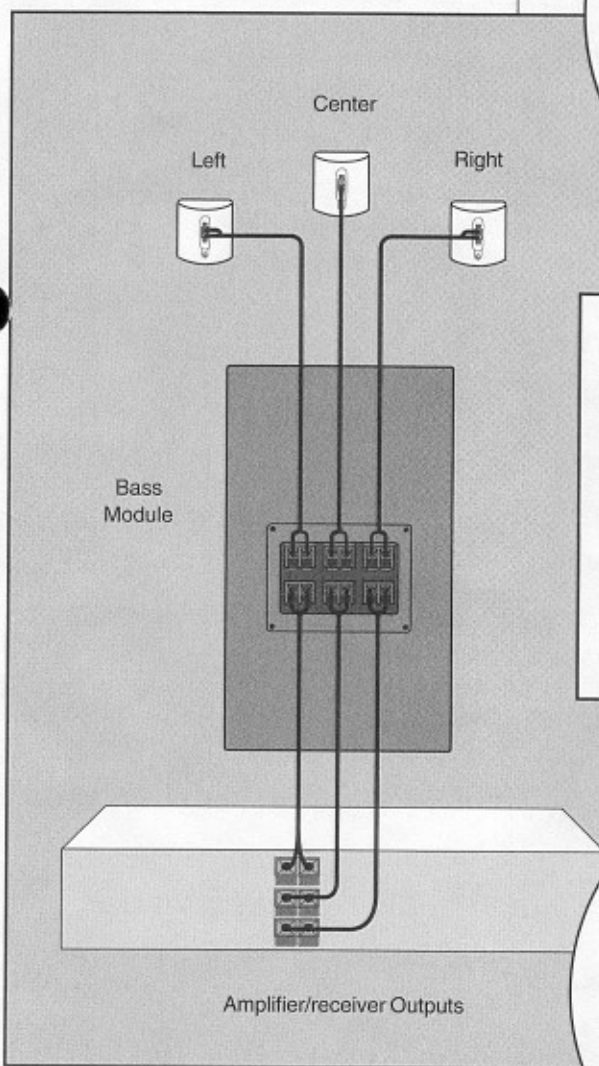
Bose® has engineered the Acoustimass-4 home theater speaker system to work with surround sound receivers that provide an amplified center channel. If your receiver's center channel is not amplified, you can still obtain full performance.

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. On a stereo amplifier there are two inputs; use either one. Then connect the center channel INPUTS FROM RECEIVER OR AMPLIFIER on the Acoustimass module to the amplifier, instead of to the receiver.

The Acoustimass-4 home theater speaker system is designed to provide pure, natural sound reproduction in audio as well as video applications. Refer to your receiver owner's guide for a description of audio operations.

Figure 6

The positive terminals are RED; the negative terminals are BLACK.



Testing your speakers

The type of receiver you are using will determine the proper procedure for testing and adjusting the balance of the three cube speaker arrays. On some receivers, you will turn off the center channel and adjust the right and left speakers first. Others allow you to adjust all three arrays at once, as well as rear channel speakers, 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 Acoustimass®-4 home theater system placement options, Bose® offers a variety of mounting accessories in singles and pairs. These include UB wall/ceiling mounting brackets, FS floor stands, and TS table stands. For information and ordering instructions, contact your local Bose dealer, or call Bose directly. Refer to the "For service" information for the proper phone number and address in your location.

Cleaning your speakers

Clean the cabinets of your Acoustimass-4 system using a damp cloth. If necessary, use a mild detergent such as dish soap. Do not allow liquids to spill through the grille of the cube speakers, or to enter the Acoustimass module.

If necessary, you can vacuum the grille on the arrays. Avoid applying any pressure with the vacuum nozzle. The drivers are 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 Acoustimass®-4 home theater speaker system, 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 components rather than in the speakers.

Problem

No sound from any speakers

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 one of the cube speakers

Solution

Check for solid connections from that array to the Acoustimass bass module. Also check the connections from the module to the receiver.

If only the center channel cube 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

Distortion or *still* no sound from speaker(s)

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

Weak bass

Solution

Make sure the cables between the Acoustimass bass module and your receiver are firmly connected.

Make sure these wires are connected in phase (positive to positive and negative to negative).

Problem

Sound from left and right cube speakers does not match the left and right screen image

Solution

Make sure the right speaker is connected to the right terminal on the Acoustimass bass module.

Make sure the right channel connection from the module leads to the right speaker terminal on the receiver.

Check for proper left channel connections.

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.

For service

To obtain information or service directly from Bose:

USA

Bose Corporation, The Mountain
Framingham, MA 01701-9168
1-800-367-4008
Weekdays 9 a.m. to 8 p.m.
Saturdays 9 a.m. to 3 p.m.
ET (eastern time)

Canada

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

European Headquarters

Bose Products B.V., Nijverheidstraat 8
1135 GE Edam, Nederland
TEL 02993-71055 FAX 02993-68163

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
TEL 02-5826200 FAX 02-5823717

Denmark

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

France

Bose, 6, rue Saint Vincent
78100 Saint Germain en Laye
TEL 01-30610461 FAX 01-30614105

Germany

Bose GmbH, Max-Planck-Straße 36
Postfach 1125, 61381 Friedrichsdorf
TEL 06172-71040 FAX 06172-710419

Holland

Bose B.V., Nijverheidstraat 8
1135 GE Edam
TEL 02993-66661 FAX 02993-68166

Ireland

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

Italy

Bose S.p.A., Via Luigi Capucci 12
00147 Roma
TEL 06-5127641 FAX 06-5115438

Japan

Bose K.K., Shibuya YT Building,
28-3 Maruyamacho, Shibuya-ku
Tokyo
TEL 03-5489-1054 FAX 03-5489-0591

Norway

Bose Norge, Solheimsgt. 11
N-2001, Lillestrøm
TEL 63-817380 FAX 63-810819

Sweden

Bose A/S, Blandsädsgratan 2D
43146 Mölndal
TEL 031-878850 FAX 031-274891

Switzerland

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

United Kingdom

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

Other locations

Bose Service, Otis Street Park
Building 3, PO Box 5045
Westborough, MA 01581-5045 USA
TEL (508) 229-8484 FAX (508) 229-3891

Warranty period

The Bose® Acoustimass®-4 home theater speaker system is covered by a limited five-year transferable warranty.

Technical information

Features

Virtually Invisible® speaker design
Acoustimass® speaker technology
Three identical front channel speakers
Syncom® computer quality control
Automatic system protection circuitry

Driver Complement

One 5.25" (13.3 cm) dual voice coil low-frequency driver
Three 2.5" (6.4 cm) magnetically shielded, wide-range drivers in cube speakers

Compatibility

Compatible with receivers or amplifiers rated from 10 to 100 watts per channel; rated 4 to 8 ohms
IEC rating: 50 watts per channel

Finish

Acoustimass module:
Scratch-resistant black or white satin finish
Cube arrays: Black or white polymer finish, cloth grilles

Dimensions

Acoustimass module:
7-1/2"H x 14-1/4"W x 8"D
(19.0 x 36.1 x 20.3 cm)
Cube array:
3"H x 3"W x 4-3/4"D (7.9 x 7.9 x 12.1 cm)

Weight

17-3/4 lb (8 kg) in shipping carton

BOSE[®]
Better sound through research[®]

© 1995 Bose Corporation, The Mountain, Framingham,
MA 01701-9168 USA

JN 94302 PN172813 -Rev. 2