

301[®] Sonata[™]

LIMITED EDITION SPEAKERS

Owner's Guide

Brugervejledning

Bedienungsanleitung

Guía del usuario

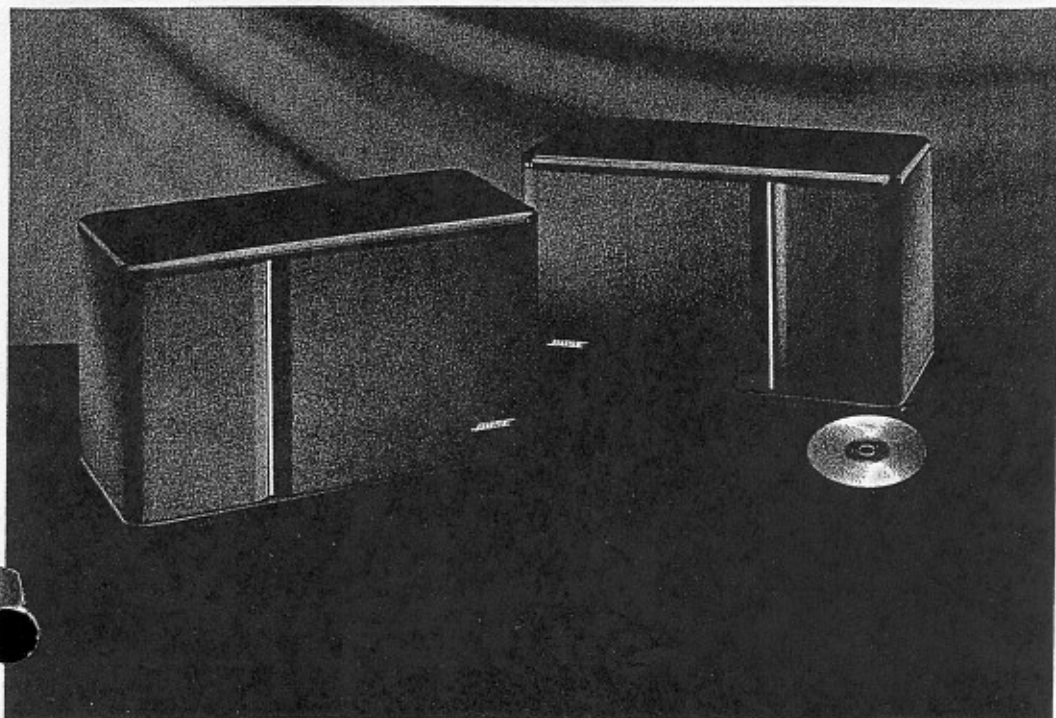
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Gebruiksaanwijzing

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BOSE



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Before you begin

Your 301® Sonata™ limited edition speakers re-create a natural balance of reflected and direct sound energy for an open, spacious performance. As with all Bose® products, their design is meant to bring you high-quality listening pleasure.

Free Space® tweeter arrays inside the distinct left and right speakers create a pattern of sound similar to what you experience at a live concert. Slot port technology contributes to the speakers' deep, natural, room-filling bass. Their Dual Frequency™ crossover adds to the realism and clear definition of both musical instruments and voices.

Your 301 Sonata speakers are significantly different from conventional speakers, so be sure to read this owner's guide. It will help you set up and use your speakers properly, for the greatest enjoyment.

Unpack the carton

Carefully unpack the carton and save all packing materials for possible future use. Check the carton contents (Figure 1).

If either speaker appears damaged, do not use them. Instead, repack both speakers in the original carton and notify your authorized Bose dealer immediately.

Note: Now is a good time to record the speaker serial numbers on page 2 of this guide and on your warranty card.

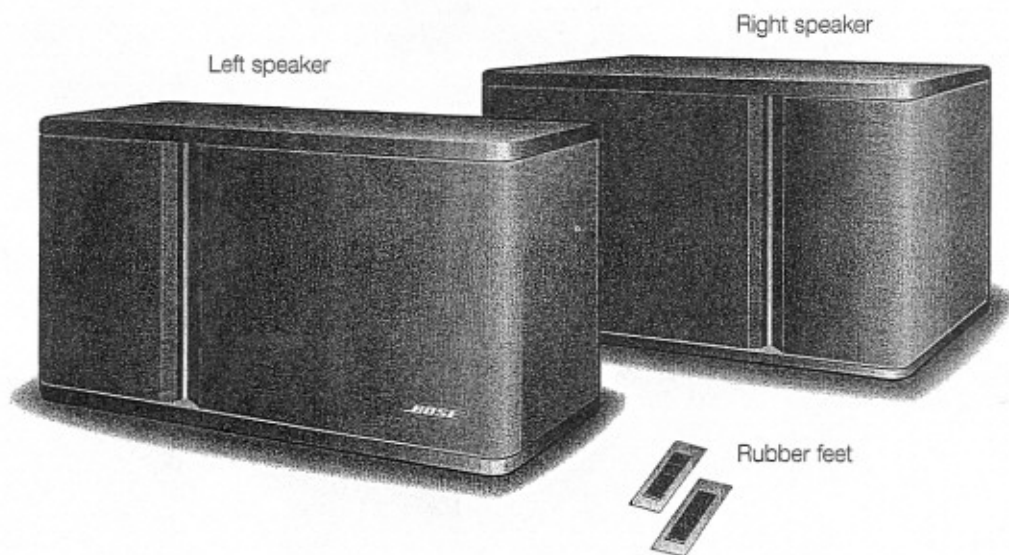


Figure 1

What comes in the carton:

- Left speaker
- Right speaker
- 8 self-adhesive rubber feet

Select the locations for your 301st Sonata™ speakers

Bose® 301 Sonata speakers are designed to fit horizontally on a table or shelf (Figure 2). On both surfaces like marble, glass, or highly polished wood, vibrations can cause the speakers to slide. So choose a stable and level surface for each speaker. Also be sure to attach the supplied rubber feet to the bottom of each speaker for added stability and protection.

Place the left and right speakers (as marked on labels on the rear of each speaker) on the left and right sides of your room, as you face them. Exactly where you put them will depend on the size and style of your room and where you think they sound best.

Here are some basic guidelines:

- Place the speakers 4 to 12 feet (1.2 to 3.6 m) apart.
- Choose a stable and level surface for each speaker.
- Leave at least 12 inches (30 cm) of space from the end of a speaker to the side wall.
- Leave at least 18 inches (45 cm) from the speakers to the floor and ceiling.
- Keep the back of the speakers within 18 inches (45 cm) of the wall behind them.
- Do not place the speakers exactly halfway between the floor and ceiling.
- Do not put the speakers in a vertical position.

Note: Bose AS-3 speaker stands can extend your placement options. See "Optional accessories" on page 10.

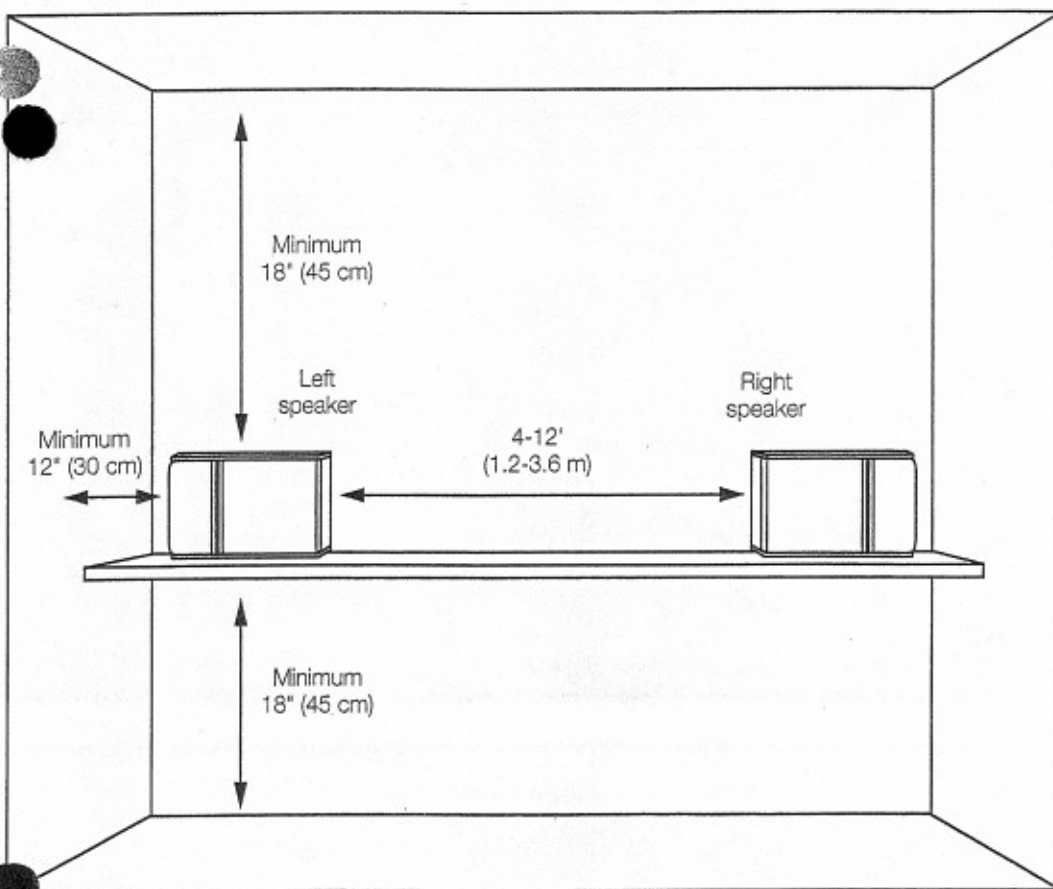


Figure 2

Placement guidelines

Choose the cord

It is important to use the proper gauge (thickness) of speaker cord. Standard zip cord (2-conductor, 18-gauge wire) works for most applications. You can find this wire at most electrical and hardware stores.

You will need thicker wire if your speakers will be more than 30 feet from a receiver or amplifier. Refer to the wire recommendations under "Technical information" on page 10, or contact your authorized Bose® dealer for more information.

Note: Before running speaker cord through a wall or under a floor, check your local building code requirements and safety regulations. You may want to contact an electrical installer for this information.

Prepare the cord

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

At the ends of each cord, strip approximately ½ inch (12 mm) of insulation from both wires. Twist the bare end of each wire, so loose strands will not touch across terminals. Be sure to connect each wire to the proper terminal (positive to positive and negative to negative).

Note: It is sometimes difficult to distinguish wire markings. Inspect both wires carefully.

Make the connections

Just press the terminal tab on the back of each speaker to insert the appropriate wire (Figure 3).

1. Connect one speaker cord to your right speaker.
 - a. Attach the marked wire to the red (+) terminal.
 - b. Attach the plain wire to the black (-) terminal.
2. Connect the other end of the same cord to the RIGHT SPEAKER OUTPUT 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.
3. Connect the second cord to the left speaker and LEFT SPEAKER OUTPUT. Follow the procedure described above.

CAUTION:

Never use broken or frayed wiring, which can result in electrical shock or damage.

CAUTION:

Before making any connections, turn off your receiver or amplifier and unplug it from the AC power (mains) outlet. Not doing so may result in damage to your system.

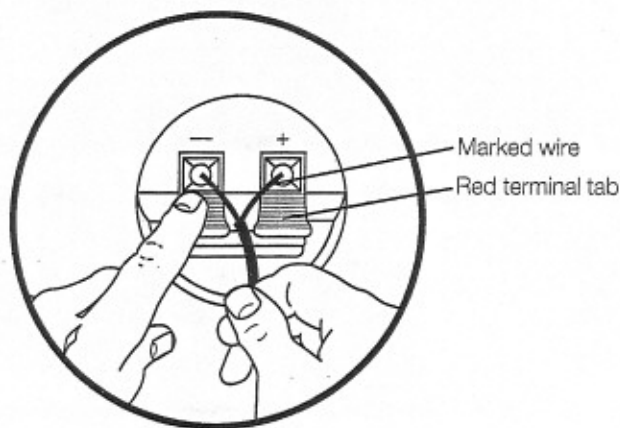


Figure 3

How to make terminal connections

Check the connections

Make sure all connections are made positive to positive (+ to +) and negative to negative (- to -) (Figure 4). Make sure that no loose strands of wire touch across terminals. Bridged wires can short circuit and damage the speaker components. Tighten any loose connections before you plug in the receiver or amplifier and turn it on.

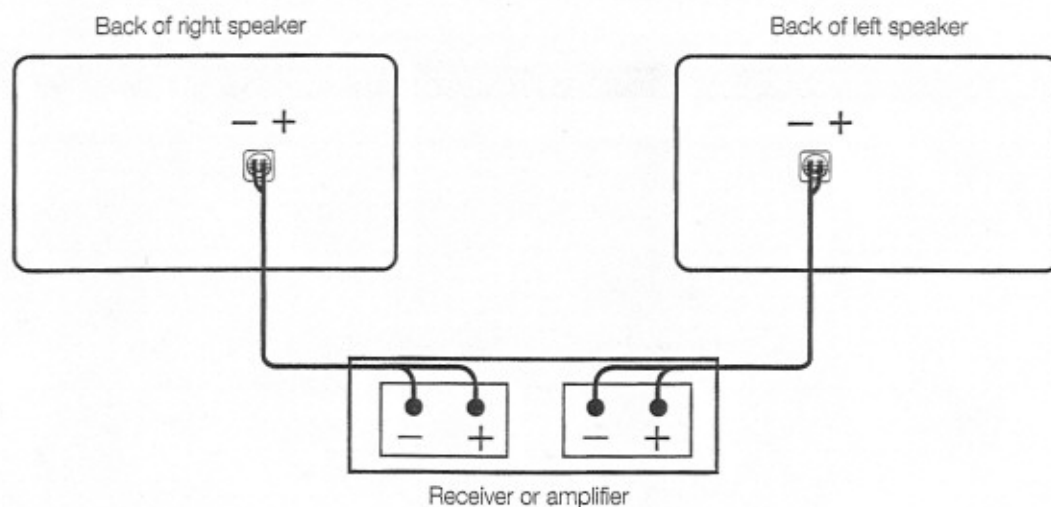


Figure 4

Completed connections

Test the speakers

To make sure your speakers operate correctly:

1. Place the speakers less than 6 inches (15 cm) apart, facing each other.
2. Turn on your receiver or amplifier, and set it to MONO (monophonic), if that is an option on your model.
3. Set the balance control to normal (center position).
4. Play some deep bass passages of music through the speaker.

The sound should seem to come from a point between the two speakers. The bass should be full and natural. If it is not, one of the connections may be reversed, causing the speakers to play out of phase (refer to "Make the connections" on page 6). To correct the problem, make sure all the wires are connected positive to positive (+ to +) and negative to negative (- to -). Then repeat steps 1 through 4 to re-test the speakers.

Cleaning the speakers

Clean the surface of your speakers with a soft damp cloth. Other materials, such as paper towels, may be too abrasive. You can use an ammonia-free window cleaner on a soft cloth to maintain the finish.

Do not use any sprays near the system or allow liquids to spill into any openings. Also, do not use any solvents, chemicals, or cleaning solutions containing alcohol, ammonia, or abrasives.

The speaker grille panels require no special care. You may vacuum them carefully, to remove dust.

Warranty period

Bose® 301 Sonata limited edition speakers are covered by a limited 5-year transferable warranty. Details of the coverage are provided on the warranty card that came with your speakers. Please fill out the information section on your card, detach, and mail to Bose.

Troubleshooting

Problem	What to do
No sound	<ul style="list-style-type: none">• Make sure the receiver or amplifier is plugged in and turned on.• Check to be sure the AC power (mains) outlet is working.• Disconnect any headphones plugged into the headphone jack.• Make sure the receiver or amplifier is not set to MUTE.• Refer to the owner's guide that came with your receiver or amplifier.• Check all connections at both the speaker and the receiver or amplifier end. Refer to "Make the connections" on page 6. Correct any connection errors.
No sound from one speaker	<ul style="list-style-type: none">• Disconnect the working speaker from the receiver or amplifier.• Switch the cord of the "faulty" speaker from its original receiver or amplifier jacks to the other set of jacks (the working speaker was originally attached to those jacks).<ul style="list-style-type: none">• If the speaker now works, the problem is in your receiver or amplifier. Re-connect your speakers to a working unit.• If there is still no sound from the speaker, continue below.• Remove the cord from the working speaker and connect it to the "faulty" speaker and either channel of the receiver or amplifier jacks.<ul style="list-style-type: none">• If the speaker now works, the problem was in the original speaker cord.• If there is still no sound, the problem is in the speaker.
One speaker sounds distorted	<ul style="list-style-type: none">• Follow the same procedure for the problem of no sound from one speaker, as outlined above.
Not enough bass or treble	<ul style="list-style-type: none">• Adjust the bass and treble volume controls on the receiver or amplifier.• Check the connections to make sure they are correctly in phase (positive to positive and negative to negative). Refer to "Make the connections" on page 6.

Customer service

If the troubleshooting guidelines above do not solve your problem, contact your authorized Bose® dealer to arrange for service. To obtain information or service directly from Bose, refer to the listing at the end of this guide. Bose Corporation will make every effort to correct any problem within the terms of your warranty.

Technical information

Features

Direct/Reflecting® speaker design
Dual Frequency™ crossover network
Free Space® tweeter array
Slot port enclosure
Syncom® computer quality control

Driver complement

One (1) 8-inch (20 cm) woofer
Two (2) 3-inch (7.6 cm) high-sensitivity tweeters

Compatibility/Impedance

Compatible with amplifiers and receivers rated from 10 to 150 watts per channel;
rated 8 ohm

Wire recommendations

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

<i>Gauge</i>	<i>Length</i>
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

Enclosure

High-gloss black finish

Size/Weight

Each speaker, unpacked: 10 1/2"H x 17"W x 9 1/2"D (27 x 43 x 24 cm)
Each speaker: 20 lb (9.1 kg)
Speaker pair in shipping carton: 44 lb (20 kg)

Optional accessories

Bose® AS-3 speaker stands are designed for use with 301® Sonata™ limited edition speakers. For information or to order the stands, contact your authorized Bose dealer. Or, to contact Bose directly, refer to the listing at the back of this owner's guide.