

**The Bose® Lifestyle® 901® Music System**

Owner's Guide

Guía del usuario

Notice d'utilisation

***BOSE***®



## Warning

To reduce the risk of fire or electric shock, do not expose this system to rain or moisture.



### CAUTION:

For units with a polarized power plug, to prevent electric shock, match wide blade of plug to wide slot, insert fully.

These CAUTION marks are located on the back panel and bottom of your Lifestyle® music center and the back panel of your powered speaker:

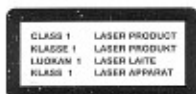


The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated dangerous voltage within the system enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



The exclamation point within an equilateral triangle, as marked on the system, is intended to alert the user to the presence of important operating and maintenance instructions in this owner's guide.

## Class 1 laser product



This compact disc player is classified as a CLASS 1 LASER product. The CLASS 1 LASER PRODUCT label is located on the bottom of the unit.

**CAUTION:** Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure. The compact disc player should not be adjusted or repaired by anyone except properly qualified service personnel.

**Note:** This music system is not intended for use in moving vehicles.

## Class B emissions limits

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

## Batteries

Please dispose of used batteries properly, following any local regulations. Do not incinerate.

## Additional safety information

See the additional information on the *Important Safety Instructions* page enclosed with this owner's guide.

## Please read this owner's guide

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

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**For your records**

Serial numbers are located on the bottom of the music center and the back panel of each speaker.

Lifestyle® music center serial number: \_\_\_\_\_

901 powered speaker serial number: \_\_\_\_\_

901 accessory speaker serial number: \_\_\_\_\_

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

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

We suggest you keep your sales slip and warranty card together with this owner's guide.

## Before you begin

Thank you for purchasing the Bose® Lifestyle® 901® music system. This remarkable system is the finest music system available from Bose.

Your system includes:

- A Lifestyle® music center with built-in AM/FM radio and 6-disc CD changer
- Bose 901 powered speaker system with built-in amplification
- An easy-to-use remote control
- Inputs for two video sound sources, an auxiliary source, and a tape deck
- Capability for operating two listening zones

Your Lifestyle® music system offers several ways to listen to superbly reproduced sound. You can use its built-in sound sources, connect additional equipment such as a tape deck, laserdisc player, VCR, or TV, and use two listening zones.

Please take the time to follow this owner's guide carefully. It will help you set up and operate your Lifestyle® music system, and enjoy all of its advanced features. Save your owner's guide for future reference.

### **CAUTION:**

*Remove the three manufacturer's shipping screws from the bottom of the Lifestyle® music center before setting up your system.*

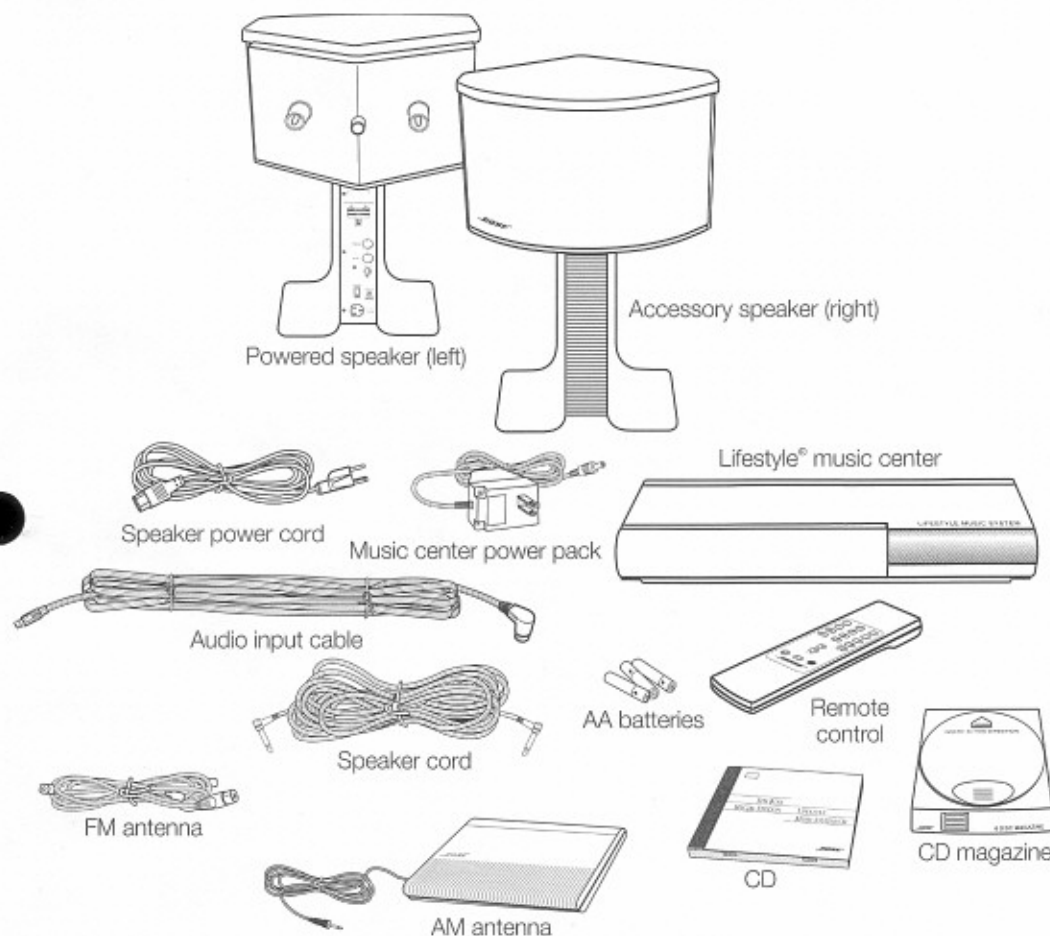
*The shipping screws are for use by the manufacturer only. They are not re-installable.*

## Unpack the cartons

Carefully unpack your system. To unpack the speakers, follow the instructions included in the speaker boxes. Save all packing materials for possible future use. The original packing materials provide the safest way to transport your Lifestyle® system. If any part of the product appears damaged, do not attempt to use the system. Notify Bose® or your authorized Bose dealer immediately.

Check to be sure your Lifestyle® 901® music system contains the parts identified in Figure 1.

**Note:** Find the serial numbers on the back panels of each speaker and the bottom of the music center. Then write them on your warranty card and in the spaces provided on page 3.



**Figure 1**

What comes with your Lifestyle® 901 system:

**Carton 1:**

- Lifestyle® music center
- Remote control
- 3 AA batteries
- FM antenna
- AM antenna
- Music center power pack\*
- Speaker power cord\*
- Speaker cord (30')
- Audio input cable (30')
- CD magazine
- CD

**Carton 2:**

- Powered speaker

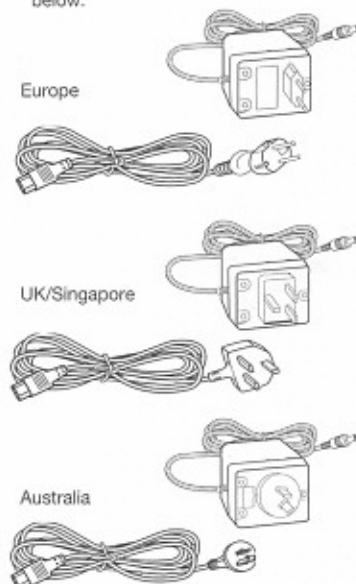
**Carton 3:**

- Accessory speaker

\* Power cord and pack shown at left are USA/Canada/Japan versions.

Dual voltage systems include 2 power cords and 2 power packs.

The power cords and packs for Europe, UK/Singapore, and Australia are shown below.



## Select the locations for your Lifestyle® 901® music system

When you place your 901 speakers according to the guidelines discussed here, sound energy reflects off the walls of your room in a pattern that provides a good stereo image virtually everywhere in the room. Bose® Direct/Reflecting® speakers are designed to produce the proper balance of reflected and direct sound energy to approach concert hall realism in your home.

Bose 901 speakers perform best when there is space around the cabinets to allow the music to flow freely. It can then reflect off nearby walls to create a wide, transparent stereo image. Hard materials – wood, brick, glass, sheetrock, and paneling – reflect sound most effectively. Upholstered furnishings and heavy drapes are more sound absorbent. The acoustics of your room will have a significant effect on the sound reproduced by your Bose Lifestyle® 901 music system. For more discussion of room acoustics, see "Fine-tuning your system" on page 18.

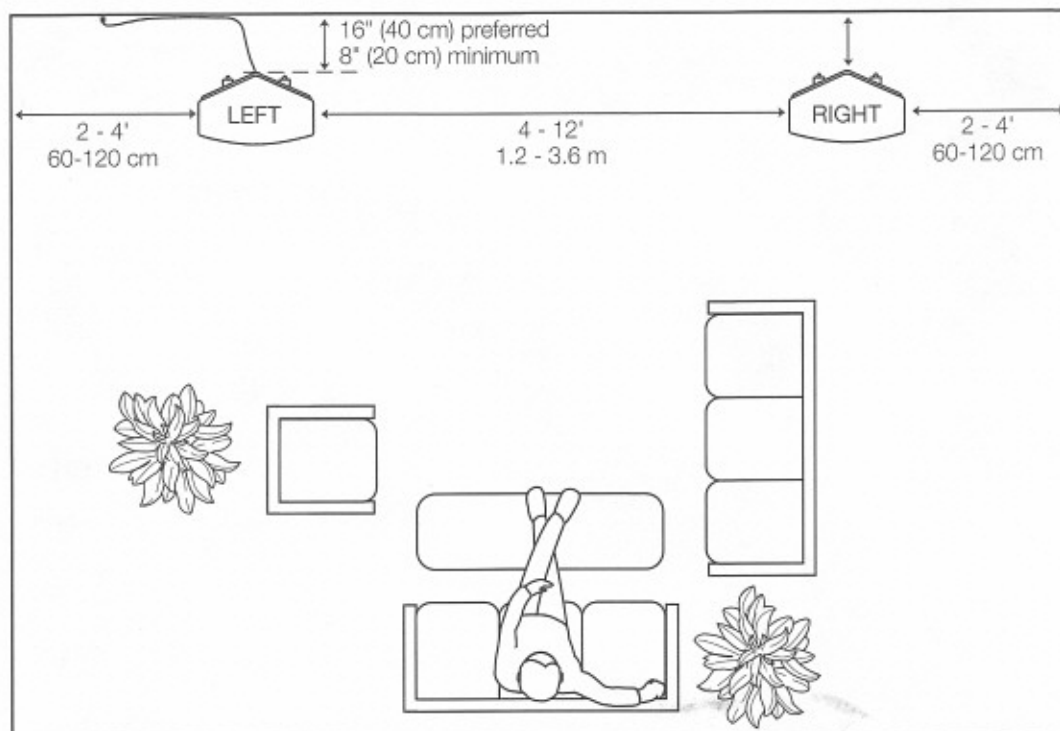
Follow these guidelines to select locations (Figure 2) that best use the properties of the Direct/Reflecting® speakers:

1. For good stereo separation, place the powered speaker on the left and the accessory speaker on the right, along one wall of your room, spaced 4 to 12 feet (1.2-3.6 m) apart. Place the left speaker within reach of an electric outlet.
2. Aim the V-shaped rear panel of each speaker toward the wall behind it. Do not aim the V toward a corner. Ideally, place the tip of the V at a distance of 16 inches (40 cm) from the back wall. Do not place the speaker closer than 8 inches (20 cm) to the wall.
3. Place the speakers 2 to 4 feet (60-120 cm) from the side walls.
4. Place the speakers at least 2 feet (60 cm) or more from any sound-absorbent furnishings.

Select a location for the music center. Place the music center on a level surface and allow enough room to lift the door.

### CAUTION:

To protect the high gloss finish, do **not** place the Lifestyle® music center or other objects on top of the speakers.



**Figure 2**

Recommended speaker locations



## Connect the 901<sup>®</sup> speakers and Lifestyle<sup>®</sup> music center

Once you have selected locations for your speakers and music center, connect the system.

**Note:** If you have a dual voltage system, make sure that the voltage selector switch (115V/230V) on the bottom of the dual voltage powered speaker is in the proper position for the local power supply. Use 115V for North and Central America. Use 230V for Europe and Australia. If you are in doubt, contact your local electric utility for the appropriate voltage setting. See Figure 3.

1. Connect the music center to the powered speaker using the audio input cable.
  - a. Plug the small multi-pin connector into the jack marked SPEAKER ZONE 1 on the back of the music center.
  - b. Plug the right-angle multi-pin connector (on the other end of the audio input cable) into the jack marked FROM LIFESTYLE<sup>®</sup> MUSIC CENTER on the back of the powered speaker pedestal. Extend the audio input cable, since it includes an antenna for the remote control. Extending the cable as much as possible improves reception of remote signals.
2. Connect the speakers to each other with the 30-foot speaker cord.
  - a. Plug one end of the cord into the powered speaker output jack marked TO ACCESSORY SPEAKER.
  - b. Plug the other end into the accessory speaker jack marked INPUT.

**Note:** Be sure that all connectors are inserted completely into each jack.

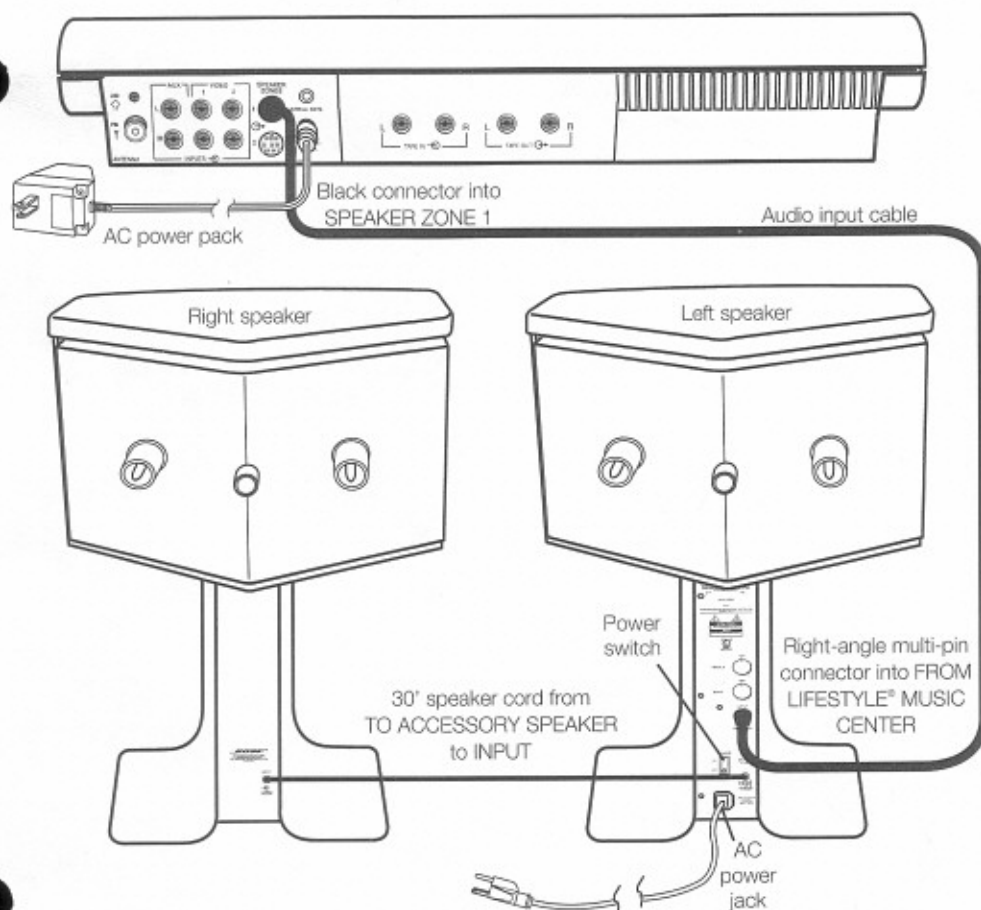
For information on connecting zone 2, see "Using two listening zones" on pages 19-20.

### CAUTION:

Make sure all components of your system are unplugged from the AC power (mains) source before you begin connecting them.

**Figure 3**

Dual voltage selector switch settings



**Figure 4**

Connecting the speakers and the music center

### CAUTION:

For dual voltage systems, be sure that the voltage selector switch (115V/230V) on the bottom of the powered speaker is in the proper position for the equivalent local power supply (115-120V for North and Central America; 220-240V for Europe and Australia).

## Connecting the speaker power cord

1. On a dual voltage system, make sure the voltage selector switch on the bottom of the powered speaker is set properly for your local power.
2. Plug the small end of the AC power (mains) cord into the speaker power jack.

**Note:** Do **not** plug the power cord into a power outlet until you complete all connections.

## Connecting the music center power pack

The Lifestyle® music center comes with a 100V, 120V, 230V, or 240V power pack. See Figures 1 and 5. Dual voltage models include both the PS71 and PS72 power packs.

Use only the Bose® power pack model specified for your area:

- Model PS71, 120V in North America
- Model PS72, 230V in Europe
- Model PS73, 100V in Japan
- Model PS74, 230V in UK or Singapore
- Model PS77, 240V in Australia

1. Firmly insert the small connector on the end of the AC power (mains) pack cable into the AC POWER jack on the back of the Lifestyle® music center.
2. Make sure that the power pack reaches an AC power (mains) outlet.

**Note:** Do **not** plug the power pack into a power outlet until you complete all connections.

## Other connections

Use standard audio cables to connect other components to your Lifestyle® music system, matching the red connector to R (right), white (or black) connector to L (left).

## Video components

To play video sound through your Lifestyle® music system, connect the R and L fixed audio outputs of your stereo VCR, stereo TV, or laserdisc player to the music center VIDEO 1 or 2 jacks. See Figure 6. You can use a Y-adapter (available at electronics stores) to connect a mono source. However, the left and right speakers then play the same monaural sound.

## Tape deck

To use an external tape recorder (analog audio cassette, analog open reel, digital audio tape, Digital Compact Cassette, or MiniDisc), connect the inputs (REC) of the tape deck to the music center TAPE OUT jacks. Connect the outputs (PLAY) from the tape deck to the music center TAPE IN jacks. See Figure 6.

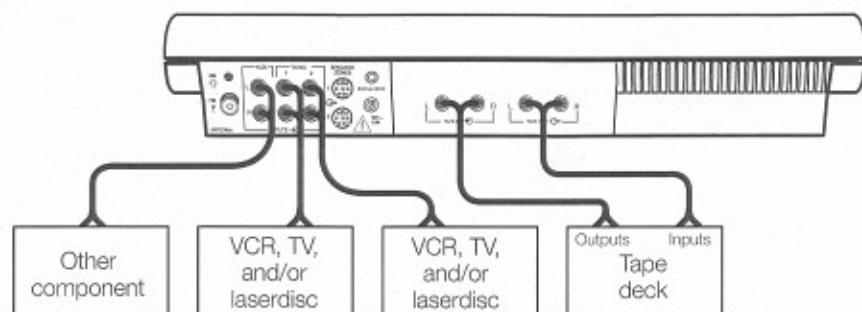
## Additional CD player or changer

To use an external CD player or changer, connect the outputs from the component to the music center AUX INPUT jacks. See Figure 6.

## Turntable

To connect a turntable, you need a phono preamplifier (with RIAA equalization). Consult your dealer for the appropriate model.

**Note:** The Lifestyle® 901® music system cannot turn a connected component on or off.



**Figure 5**

The AC power pack (model PS71 shown)



## CAUTION:

Be sure to use the correct power pack for your area. Using the wrong one may damage your music center.

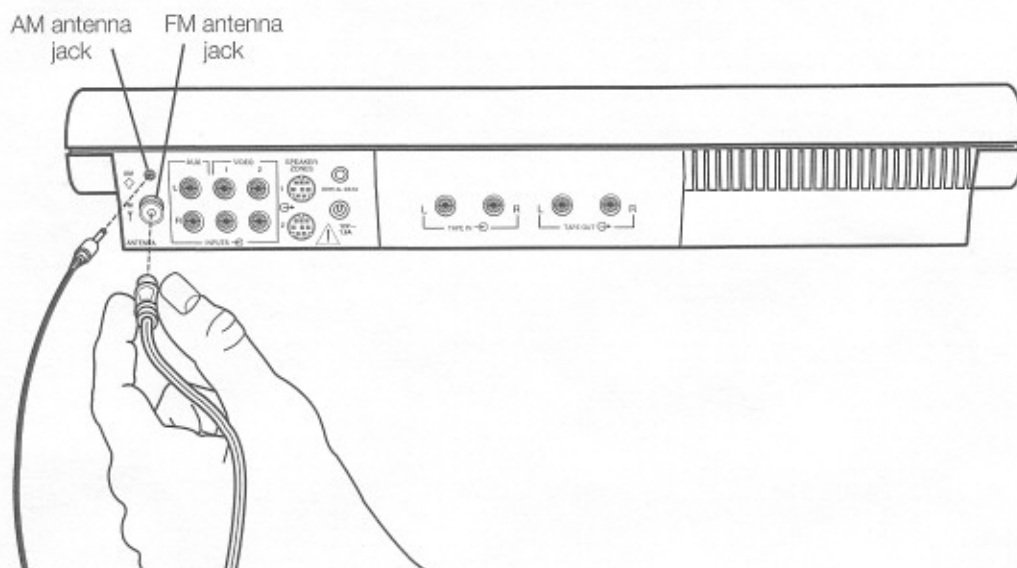
**Figure 6**

Connecting other components



## Connect the antennas

The rear panel of your Lifestyle® music center provides connections for AM and FM antennas (Figure 7). Unwind each antenna. Antennas provide better reception when their wires are not bundled.



**Figure 7**

The antenna connections

### FM antenna connections

1. Plug the FM antenna connector into the FM ANTENNA jack on the back of the Lifestyle® music center.
2. Spread out the antenna arms. Experiment with both the placement and the angle of this antenna to provide optimum FM reception.

**Note:** A central antenna or cable, or an outdoor FM antenna, may be used with the music center antenna connections. To install an outdoor antenna, consult a qualified installer. Follow all safety instructions.

### AM antenna connections

1. Plug the AM antenna connector into the AM ANTENNA jack on the back of the Lifestyle® music center.
2. Move the antenna as far as possible from the music center and at least four feet (1.2 m) from the powered speaker. This prevents interference with AM reception.
3. To stand the antenna up on a flat surface, extend the wire feet outward. Or, use the notch on the back of the antenna to hang it on a wall. To properly receive AM signals, be sure the antenna is in an upright position.
4. You may want to adjust the antenna location or orientation as needed to receive distant stations.

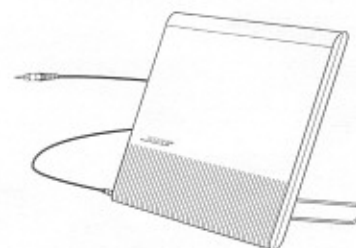
**Figure 8**

The FM antenna



**Figure 9**

The AM antenna

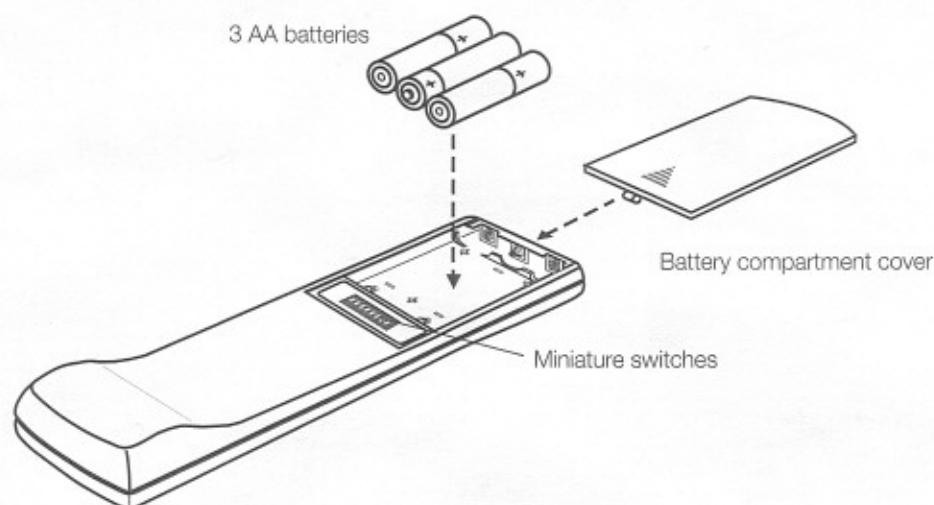


## Set up the remote control

1. Slide open the battery compartment on the back of the remote (Figure 10).
2. Insert 3 AA or IEC-R6 1.5V batteries, or the equivalent, as shown. Match the + and - symbols on the batteries with the + and - markings inside the compartment.
3. Slide the battery compartment cover back into place.

Replace the batteries when the remote control stops operating or its range seems reduced. Alkaline batteries are recommended.

**Note:** Do not change the settings of the factory-preset miniature switches. See "Changing the house code settings" on page 21 for information on how to prevent conflicts with other Lifestyle® music systems.



**Figure 10**

Installing the remote control batteries

## Set radio channel spacing on dual voltage systems

Dual voltage music centers (which include both 120V and 230V power packs) can be set for two types of AM and FM channel spacing.

- 10 kHz for AM and 200 kHz for FM (common to North America)
- 9 kHz for AM and 50 kHz for FM (common to Europe)

Your dual voltage music center is preset for North American spacing. Select the channel spacing most appropriate for your area.

To change between North American and European channel spacing:

1. Be sure the music center is turned off.
2. Press and hold the ERASE key (on the music center control panel) for three seconds. The display flashes PROGRAM and indicates **US** for North American spacing or **EURO** for European spacing.
3. Press SOURCE SELECT (on the music center control panel) while holding the ERASE key. The display flashes PROGRAM and the setting changes from **US** to **EURO**. While holding ERASE, press SOURCE SELECT again to change from **EURO** to **US**.

## Listening to your Lifestyle® 901 music system

Plug the speaker power cord into an AC (mains) outlet. Then plug in the music center power pack. Turn the power switch on back of the powered speaker (above the power cord jack) to the ON (I) position. We recommend you leave this switch on. The powered speaker uses less than 11 watts of electricity in standby mode.

You are ready to enjoy music from your new Lifestyle® music system.

Refer to the information below on the music center display, and the following pages for information on the music center controls and the Lifestyle® remote control.

To open the music center, press up gently on the bottom of the door (Figure 11).

- To play compact discs, follow the instructions on pages 14 and 15.
- To listen to the radio, follow the instructions on page 16.
- To use other components with your Lifestyle® music system, see page 17.
- To use your system with two listening zones, see pages 19 and 20.

## Turning the system on

- Press ON/OFF or any source key on the remote (CD, AM/FM, TAPE, VIDEO 1 or 2, AUX). Or, press ON/OFF or SOURCE SELECT on the music center.

## Adjusting the volume

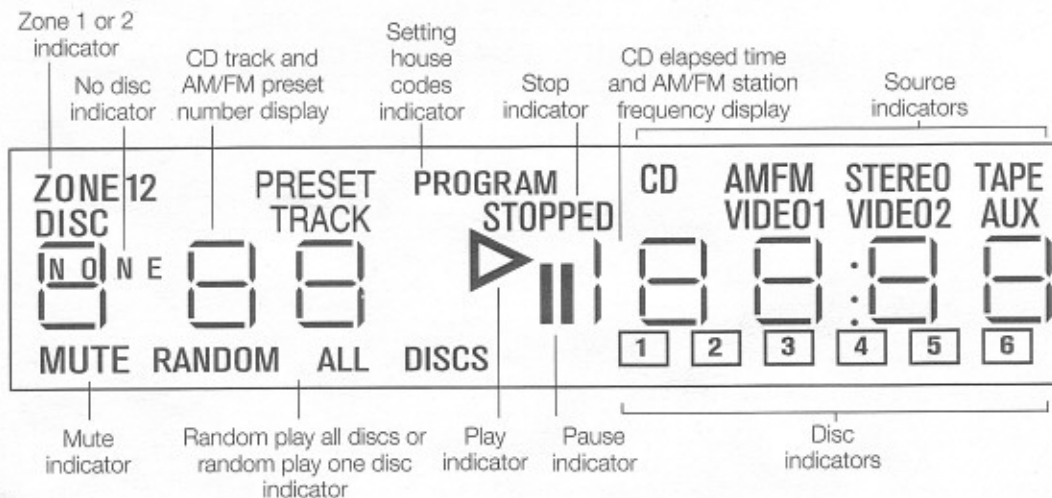
- Use the VOLUME ▲ (up) or ▼ (down) keys to raise or lower the volume.
- Use the MUTE key on the remote control to silence the speakers in the zone controlled by that remote. Press MUTE again to restore volume to muted speakers.
- Use the MUTE ALL key on the remote control to silence speakers in both zones. Press MUTE ALL to restore volume to the muted speakers. Or, press MUTE, VOLUME ▲, PLAY, or a source key to resume sound in the selected zone.

## Turning the system off

- Press the ON/OFF key on the remote or on the music center.

## The music center display

This music center display (Figure 12) provides information on the music center functions.

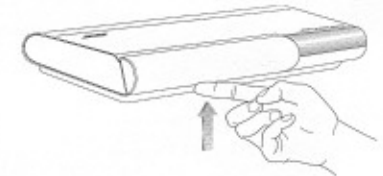


## CAUTION:

Be sure to remove the three shipping screws on the bottom of the music center before turning on the system.

**Figure 11**







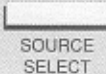



















Opening the music center door



**Figure 12**

The music center display

## The system controls

Function	Remote control	Music center
<b>VIDEO 1</b> - Selects a video sound source connected to the VIDEO 1 inputs, and turns the music system on.		
<b>VIDEO 2</b> - Selects a video sound source connected to the VIDEO 2 inputs, and turns the music system on.		
<b>AUX</b> - Selects a component connected to the AUX inputs, and turns the music system on.		
<b>CD</b> - Selects the built-in CD changer and turns the music system on.		
<b>AM/FM</b> - Selects the radio and turns the system on to the previously selected station. When the radio is on, switches between AM and FM.		
<b>TAPE</b> - Selects a tape deck or component connected to the TAPE inputs, and turns the music system on.		
<b>SOURCE SELECT</b> - Turns the system on to the previously selected sound source. When on, changes the source in this sequence - CD, FM, AM, VIDEO 1, VIDEO 2, AUX, TAPE, CD. . .		
<b>■ STOP</b> - Stops the CD player. After 20 minutes, the music system shuts off.		
<b>   PAUSE</b> - Pauses play of the CD. After a 20-minute pause, changes to STOP.		
<b>▶ PLAY</b> - Begins play of the CD.		
<b>RANDOM</b> (or <b>◀◀ SKIP</b> plus <b>SKIP ▶▶</b> ) - In CD mode, begins random play of all tracks on all discs. Pressed again, begins random play of tracks on the current disc. Pressed again, cancels random play.		
<b>◀◀ SKIP</b> - Selects the previous CD track, or the previous preset radio station. Held down, initiates scan (CD) or seek (tuner) function.		
<b>▶▶ SKIP</b> - Selects the next CD track, or the next preset radio station. Held down, initiates scan (CD) or seek (tuner) function.		
<b>NEXT DISC</b> - Advances to play the next disc loaded in the CD magazine.		
<b>VOLUME ▲ \ ▼</b> - Raises or lowers the system volume.		
<b>MUTE</b> - Silences the speakers in the selected zone. Also restores volume to muted speakers.		
<b>MUTE ALL</b> - Silences all speakers currently playing. Also restores sound to speakers silenced by the MUTE ALL key.		
<b>ON/OFF</b> - Turns the system on and off.		

**Note:** For information on controlling the music system from different listening zones, see "Using two listening zones" on pages 19-20.

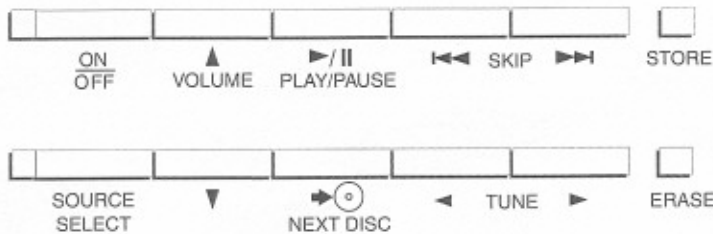


## Other music center controls

The music center function keys are described on the previous page. Use the following special music center keys to tune the radio, set station presets, and scan a CD (Figure 13).

**TUNE** ◀/▶ - Lowers or raises the frequency setting of the radio (stations). In CD mode, initiates a fast scan of the current CD.

**STORE** or **ERASE** - Adds or removes radio station presets. For instructions, see page 16. Also used for changing channel spacing (page 10) and house codes (page 21).



**Figure 13**

The music center controls

## The Lifestyle® remote control

For most types of home construction, your advanced radio-frequency remote control works from anywhere in your home. Its radio wave signals pass through walls and floors to reach the music center. To operate, simply press the desired key. You don't need to aim the remote at the music center.

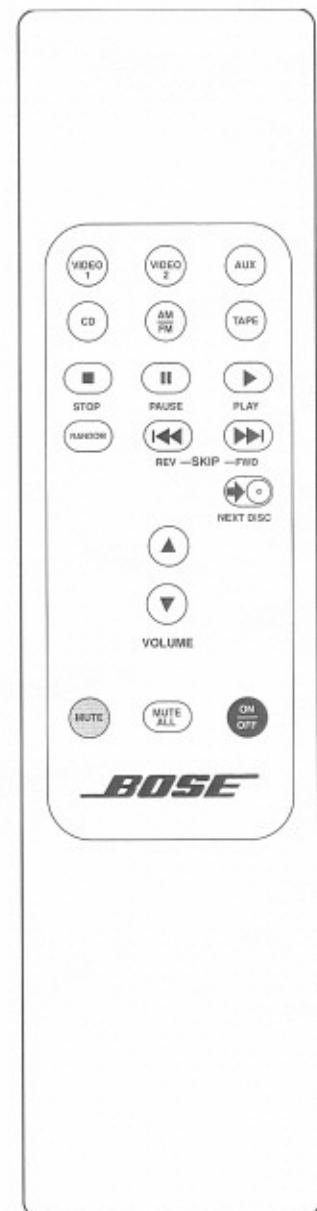
**Note:** Some types of buildings create "dead spots" where the remote will not operate.

Simply move the remote a foot or two and try again. You can also move the music center a few feet to a location with better remote response.

Figure 14 shows the layout of the remote control keys.

**Figure 14**

The remote control keys





## Listening to compact discs

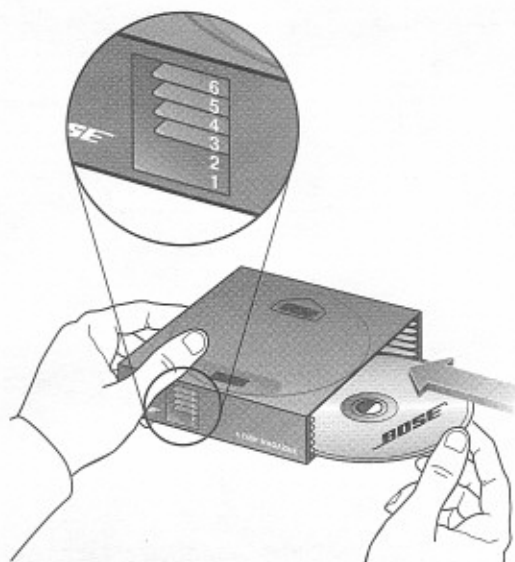
### Using the CD changer

You can load up to six compact discs at a time.

#### Loading discs into the CD magazine

Hold the magazine, looking at the side with the arrow. Insert up to six discs, label side up (Figure 15). Take care to place only one disc in each slot. Note the slot numbers 1 through 6, from bottom to top, on the front edge window (Figure 15). These numbers correspond to the CD numbers on the display.

**Note:** If a disc is upside-down, it does not play. The display shows the word "disc" and flashes the box representing that disc.



**Figure 15**

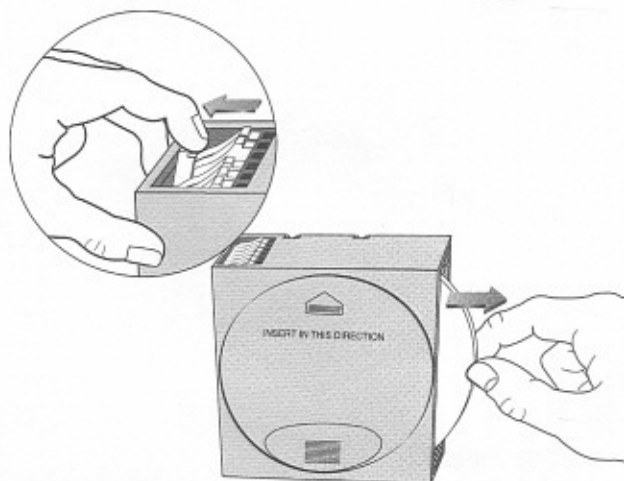
Loading a CD

#### CAUTION:

Do **not** insert more than one disc into any slot. Forcing two discs into one slot could cause them to become stuck, and could damage the discs, the CD magazine, or the music center.

#### Ejecting discs from the CD magazine

Press the white lever that corresponds to the disc you want to eject. This ejects the disc far enough for you to grasp the edge and remove it from the magazine (Figure 16).

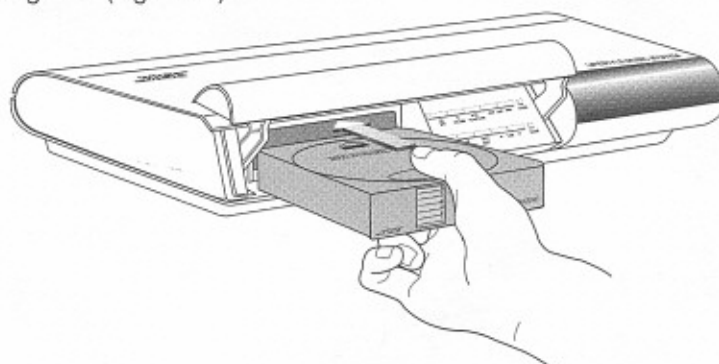


**Figure 16**

Ejecting a CD

#### Loading the CD magazine into the music center

Open the music center door. Insert the CD magazine fully into the music center, following the direction of the arrow on the magazine (Figure 17).



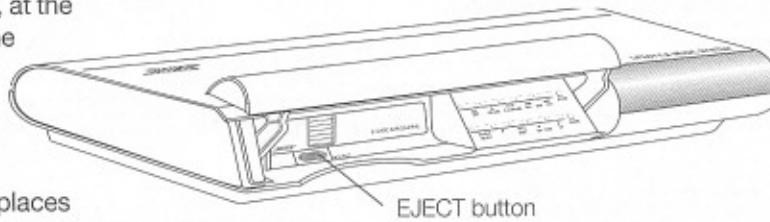
**Figure 17**

Loading the CD magazine

### Ejecting the CD magazine from the music center

Press the EJECT button, at the lower left of the magazine slot, to remove the magazine (Figure 18).

If a CD is playing, pressing the EJECT button stops the CD, replaces it in the magazine, and ejects the magazine.



**Figure 18**

The CD magazine EJECT button

### Turning the system on and choosing the CD player

Press the CD key on the remote or press SOURCE SELECT on the music center until CD is selected. If the music system is already on, use one of these keys to select the CD player. The CD indicator on the display lights. If a CD has been loaded, it begins to play.

### CD operations

#### If you want to

- Play or resume play of a CD
- Pause a CD
- Stop a CD
- Go to next track
- Go to beginning of current track
- Go to previous track

#### Press

- ▶ PLAY, or ▶/|| PLAY/PAUSE
- || PAUSE, or ▶/|| PLAY/PAUSE
- STOP, or select another source
- SKIP ▶▶ (forward)
- SKIP ◀◀ (reverse) after 4 seconds of track play
- SKIP ◀◀ within the first four seconds of the track
- After four seconds, press SKIP ◀◀ twice to go to the previous track. In RANDOM mode, skips to previous track played.
- ⏭ NEXT DISC
- In PLAY mode, selects discs in order, 1 through 6, then back to 1; in RANDOM mode, randomly selects another disc. The music center skips empty disc slots.
- Press and hold SKIP ◀◀ or ▶▶, or TUNE ◀ or ▶
- RANDOM, or SKIP ◀◀ plus ▶▶ (on the music center)
- RANDOM, or SKIP ◀◀ plus ▶▶ (on the music center), a second time
- RANDOM, SKIP ◀◀ plus ▶▶ (on the music center), a third time, press ■ STOP, or select another source

Play another disc

Scan a CD

Randomly play tracks on all discs

Randomly play tracks on one disc

Cancel random play

**Note:** To prevent excessive wear on the CD mechanism, unattended CD play or random play operations change to STOP after 24 hours. If you want to leave the music center playing unattended for longer than 24 hours, you can use the radio.

The music center display provides the following information about the CD changer functions (see sample display in Figure 19):

- Which CD is playing, paused, or stopped, or NONE if no disc is installed
- How much time the current CD has played
- Which track is playing
- If RANDOM ALL DISCS or RANDOM (one disc) is selected
- Which slots have been scanned and have discs loaded
  - Numbers in boxes represent discs in slots.
  - Empty boxes indicate disc slots that have not yet been scanned by the music center.
  - Blank spaces indicate empty slots (or discs that cannot be loaded).
  - A flashing box indicates the disc is upside down or cannot be read.

**Figure 19**

Display of CD playing in zone 1:

Disc 3, track 8, 2 minutes and 45 seconds played, 6 CDs are loaded, and random play for all discs is selected



## Listening to the radio

### Turning the system on and choosing the radio

Press AM/FM (on the remote) or SOURCE SELECT (on the music center) to turn your system on to the most recently selected AM or FM station.

**Note:** If the system is on and the radio is already selected, the AM/FM key switches between AM and FM bands.

### Tuning

#### Seeking the strongest stations

- Press and hold SKIP ►► (forward) or ◄◄ (reverse) to start seeking. Release the key to stop at the next strong signal.
- To stop seeking sooner, briefly press SKIP or ■ STOP.
- You can seek again without holding down the SKIP key. Right after the first seek operation stops, briefly press the SKIP ►► or ◄◄ key.

**Note:** If you hold a SKIP key down, the radio continues to seek without stopping at any station.

#### Switching between AM and FM

Press AM/FM to switch from one band to the other.

#### Manual tuning

To tune to a distant or weak station that the radio cannot seek, use TUNE ◄ or ► on the music center.

#### Setting a station preset

Your Lifestyle® music center can store up to 25 AM and 25 FM stations.

**Note:** To allow for different station preferences, you can reserve a group of preset numbers for each household member. Any station can be assigned to more than one preset number. Or, you can reserve different number groups for different types of stations. For easy reference, you may want to keep a written record of your presets.

1. Lift the music center door.
2. Select a radio station you want to store as a preset, either by tuning manually or by pressing and holding a SKIP key.
3. Press the STORE key. The lowest available preset number flashes for three seconds, then is set and displayed.
4. If you prefer a different preset number, while the number is flashing, press either SKIP key to select another available preset number. The preset number is displayed.

**Note:** You cannot store a station in an already-occupied preset location without erasing that preset station first (see "Erasing a preset station" below). If you attempt to store more than 25 AM or 25 FM stations, the preset display flashes "--".

#### Selecting a preset station

Once you have set station presets, press SKIP ►► or ◄◄ to select the next or the previous preset station. See Figure 20 for a sample display of a preset FM station.

#### Erasing a preset station

1. Lift the music center door.
2. Select the preset station you want to erase.
3. Press the ERASE key.

**Figure 20**

FM display showing a preset station

ZONE 1	PRESET	FM STEREO
	10	102.5

## Using the system with external components

Follow the instructions on page 8 for connecting a component.

Turn on your component directly or by using its remote control. Use the VOLUME ▲ or ▼ key on the Lifestyle® remote control or music center to raise or lower the volume. Control all other functions at the source, referring to its owner's manual, if necessary. To begin, make sure the component is turned on and a tape, CD, laserdisc, etc. is loaded.

**Note:** The Lifestyle® 901 music system cannot turn a connected component on or off.

## Turning the system on and selecting the component

Press the TAPE, AUX, VIDEO 1, or VIDEO 2 key on the remote or press SOURCE SELECT on the music center until the desired component is selected. This turns your music system on and selects the component connected to that input. If the music system is already on, this key selects the component.

The appropriate display indicator lights when the system is on and the component is selected.

## Using a video sound source

Press VIDEO 1 or VIDEO 2 on the remote or SOURCE SELECT on the music center until VIDEO 1 or VIDEO 2 appears on the display. This turns your music system on and selects the video sound source connected to the VIDEO 1 or VIDEO 2 jacks. If the music system is already on, this key selects the component.

If your video component is connected to the music center AUX or TAPE jacks, press AUX or TAPE on the remote or use SOURCE SELECT on the music center to select the component.

## Using a tape deck

To record to a connected tape deck, play the source (AM/FM, CD, AUX, VIDEO 1 or 2) you want to tape. In a 2-zone system, play the source in zone 1. Set the tape deck to record.

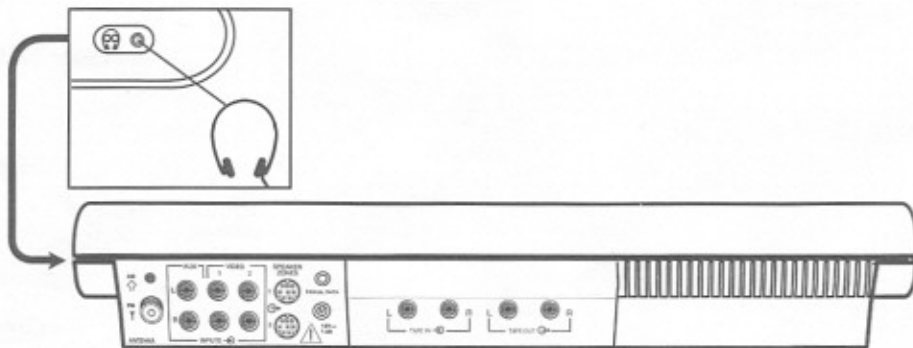
## Using headphones

For headphone listening, use the stereo mini headphones jack on the right side of the music center (Figure 21). While this jack accepts most headphone models, you can get an adapter at Bose® dealers and most electronics stores, if needed.

Connecting headphones silences the speakers connected to SPEAKER ZONE 1.

### CAUTION:

The magnetic field from each speaker is not an immediate risk to your video tapes, audio tapes, and other magnetic media. However, you should not store tapes directly on or near a speaker.



**Figure 21**

Connecting headphones



## Fine-tuning your system

In most situations, following the speaker placement guidelines (see page 6) for your Lifestyle® 901 music system provides excellent sound quality.

You do not need to adjust tone settings for changes in volume, since Bose® patented signal processing technology provides a natural tonal balance over the full range of volume settings.

If desired, you can further fine-tune your system as described below.

## Adjusting speaker controls

The Lifestyle® 901 music system TREBLE and BASS controls are located on the powered speaker pedestal (Figure 22). They allow you to adjust the treble (high frequencies) and bass (low frequencies). In the normal setting, the dots on each control are in the 12 o'clock position. You can also locate the normal setting by feeling when the control settles into the notch at this position. Turn the controls clockwise to increase, and counterclockwise to decrease, the amount of treble or bass.

## Compensating for room acoustics

The acoustics (sound qualities) of your room can affect the overall sound quality of any speaker system. In general, you can reduce many problems with acoustics by the cautious use of the TREBLE and BASS controls.

### Too much or too little treble

Rooms with too few sound-absorbing furnishings, especially those with bare floors and walls, may sound overly shrill or "bright." Turning down the treble control (toward -) decreases treble sound.

Rooms with a lot of sound-absorbing furnishings, such as upholstered furniture, wall-to-wall carpet, or heavy drapes, may reduce the treble sound of your system. Moving speakers further away from soft furnishings increases treble. You can increase treble sound by slightly turning up the treble control (toward +).

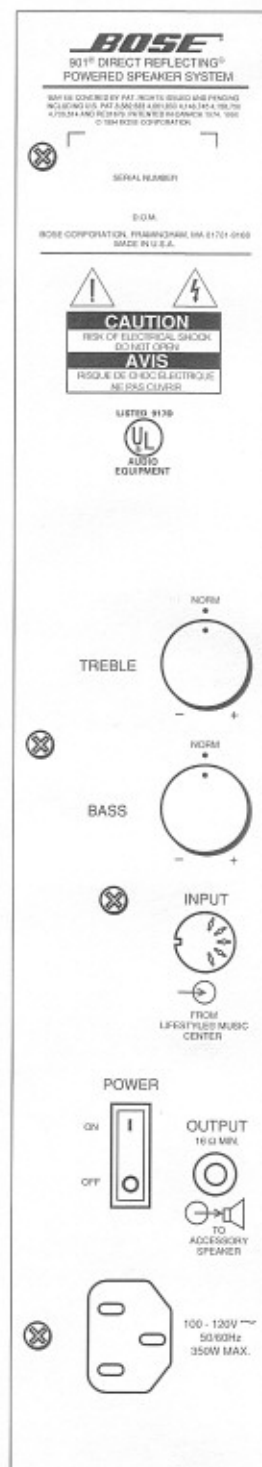
### Too much or too little bass

You can decrease bass sound by turning down the bass control (toward -). To increase bass, turn up the bass control (toward +).

Speaker placement affects the amount of bass you hear. Placing the speakers closer to the corners of the room will increase bass. Keep the speakers within 2 to 4 feet (60-120 cm) from the side walls (as shown in Figure 2 on page 6). If you want to increase bass further, starting at 16 inches from the back wall, move the tips of the V-shaped panels slightly closer to the wall (but no closer than 8 inches).

**Figure 22**

Bass and treble controls





## Using two listening zones

The Lifestyle® 901 music system can direct sound from one or two sound sources to two different listening areas at the same time. Each listening area, whether a room or a group of rooms (including outdoor areas), is referred to as a zone. By adding powered speakers and a second remote, you can establish two listening zones.

### How zones work

- Zones 1 and 2 can play different sound sources at the same time – CD, AM/FM tuner, TAPE, VIDEO sound, or AUX.
- Both zones can listen to the same sound source at the same time.
- Only one radio station can be played at a time.

### Setting up two zones

- The Bose® 901 powered speakers are set up in zone 1.
- Any combination of rooms and floors in your home can be set up as zones.
- Use a Lifestyle® 901 cable to connect a second Bose powered speaker system to the SPEAKERS ZONE 2 jack on the back of the music center.
- You can also use special adapters to connect an existing stereo system.
- Use a second Lifestyle® remote control to operate zone 2.

See your dealer or contact Bose for information on obtaining additional powered speakers, remote controls, and adapters for connecting additional equipment.

### Setting a second remote for zone 2

You need a second remote control, set to ZONE 2, to operate speakers connected to the ZONE 2 output.

To set your second remote to control speakers in the second zone, follow these steps:

1. Open the remote control battery cover.
2. Locate miniature switch 8 (Figure 24). If it is set *down* for ZONE 1, slide it *up* for ZONE 2, using a paper clip, ballpoint pen, or similar object.
3. Make sure the house code switches (1, 2, 3, and 4) match those on your first remote. (See page 21 for more information on house codes.)
4. Replace the battery cover.

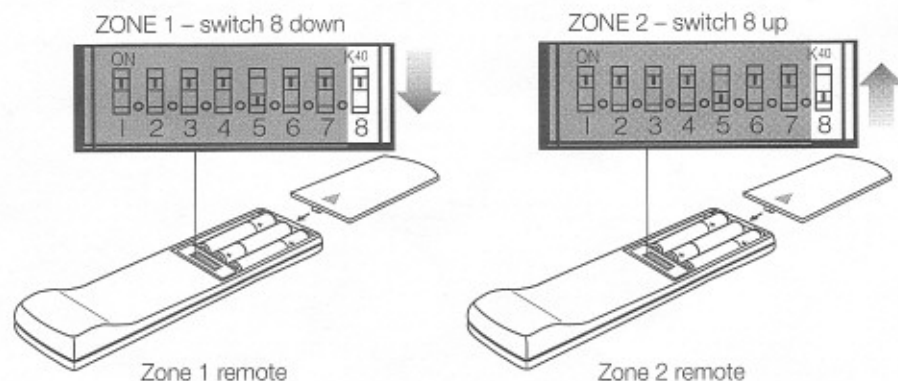
**Figure 23**

Example of two listening zones: the Lifestyle® 901 powered speakers in zone 1 (living room) and powered speaker system in zone 2 (bedroom)



**Figure 24**

Speaker code switch settings



## Operating two listening zones

### Controlling the zones from the remote controls

To control two zones you need to have remotes set to each zone. See instructions on page 19 for setting a second remote to zone 2.

- You can select and control sources in each zone by commands from its remote control.
- You can turn each zone on and off directly from its remote control.
- You can listen to the same source in both zones.

### Controlling the zones from the music center control panel

Turning two zones on and off from the music center involves a sequence of actions.

- To turn zone 2 on from the music center, press and hold the ON/OFF key. Watch the display to see which zone is on or off. Release the key to keep the option shown.

Holding the ON/OFF key causes this repeating sequence:

	<b>zone 1</b>	<b>zone 2</b>
First	ON	OFF
Second	ON	ON
Third	OFF	ON

- When both zones are on, to turn the zones on or off from the music center, press the ON/OFF key for the following sequence:

	<b>zone 1</b>	<b>zone 2</b>
	ON	ON
First press	OFF	ON
Second press	OFF	OFF
Third press	ON	OFF
Fourth press	OFF	OFF
Additional presses	zone 1 repeats ON and OFF	

- When zone 1 is on (even if zone 2 is also on), the music center keys control zone 1 only.
- When zone 2 is the only zone on, the music center keys control zone 2.
- If you press SOURCE SELECT for FM or AM while zone 2 is playing the other radio band, the band selected in zone 2 flashes on the display. If you do not want to change the band playing in zone 2, use SOURCE SELECT to choose another source within two seconds.

### The music center display of zone information

- When zone 1 or both zones are on, the display shows zone 1 information.
- When only zone 2 is on, the display shows zone 2 information.

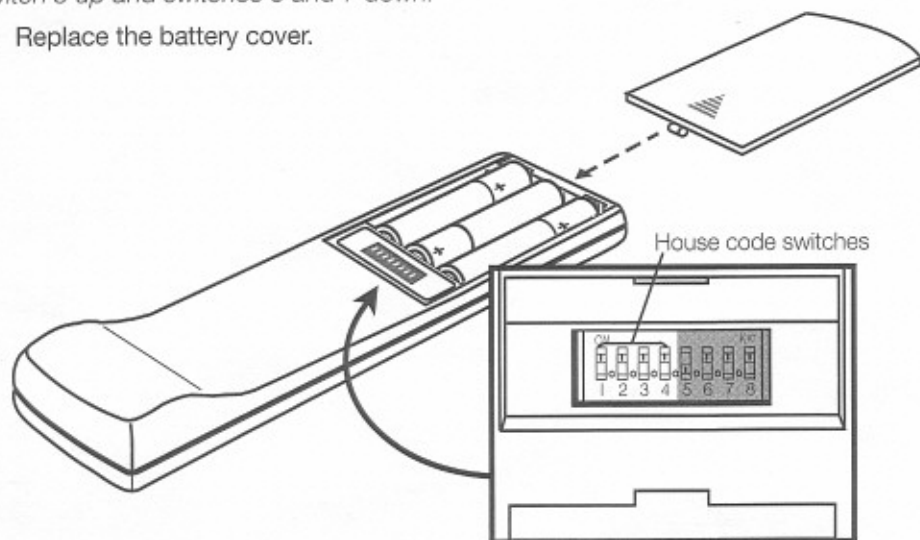
## Changing the house code settings

Each Lifestyle® remote control uses a system of matching house codes to communicate with its corresponding music center. If your remote's commands ever conflict with those of another nearby Lifestyle® system, you can easily set a new house code for your system and its remote control(s) by following the procedures below.

1. Open the remote control battery cover and locate the miniature switches (Figure 25).
2. To create a new code, change the position of any of switches 1, 2, 3, or 4 by moving them in the opposite direction from their current settings. Use a paper clip, ball point pen, or similar object.

**Note:** Do not change switches 5, 6, or 7 at this time. The manufacturer's standard setting is switch 5 up and switches 6 and 7 down.

3. Replace the battery cover.



**Figure 25**

Miniature switches for setting house codes and zones

4. Lift the music center door.
5. Turn both zones off.
6. Press and hold the STORE key. The display will begin to flash PROGRAM.
7. While you hold the STORE key and the display is flashing, press any key on the remote control.
  - The display stops flashing and momentarily shows PROGRAM to confirm recognition of a new house code.
  - The display verifies the house code by lighting four rectangles corresponding to the four switch positions (up or down). See the example in Figure 26.
8. Release the STORE key. The system remains off.
9. If you have additional remote controls, change the switches to match those of the first remote control. It is not necessary to repeat steps 4-8.

**Note:** To verify your system's house code, press STORE while the system is off. The display confirms the settings of switches 1-4.

**Figure 26**

Display confirming an example of house code setting (switch 1 up, switches 2, 3, and 4 down)



## Troubleshooting

<b>Problem</b>	<b>What to do</b>
System does not function at all	<ul style="list-style-type: none"> <li>• Make sure the power connector is plugged securely into the music center, the power cord is plugged securely into the powered speaker, the power pack and power cord are plugged securely into operating AC wall outlets, and the power switch on the back of the powered speaker is on.</li> <li>• Be sure to select a source (CD, AM/FM, etc.).</li> <li>• Unplug the music center power pack for a minute, then reconnect it. This allows the unit to reset itself after a power surge or power interruption.</li> <li>• If the system is not responding, press STORE, ERASE, and ON/OFF (on the music center) at the same time, to reset the system.</li> </ul>
No sound	<ul style="list-style-type: none"> <li>• Make sure the audio input cable is firmly seated in the music center SPEAKER ZONE 1 jack and the right-angle multi-pin connector on the other end is firmly seated in the powered speaker FROM LIFESTYLE® MUSIC CENTER jack.</li> <li>• Make sure the speaker power switch is in the ON position.</li> <li>• Check the cable connecting the two speakers.</li> <li>• Turn the music center off for ten seconds, then on again, to restore communication between the music center and the speakers.</li> <li>• Check the connections for any external components. Make sure to select the correct source for the desired input.</li> <li>• Be sure the CD is placed correctly, label-side up, in the magazine, and the magazine is inserted properly in the music center.</li> <li>• Increase the volume.</li> <li>• Check to see if MUTE is lit on the display. If it is, press the MUTE button on the remote control to unmute the sound.</li> <li>• Disconnect any headphones.</li> <li>• Connect the FM and AM antennas.</li> </ul>
Remote control is inconsistent or does not work	<ul style="list-style-type: none"> <li>• Check batteries and their polarity (+ and -). See page 10.</li> <li>• Operate the remote control closer to the music center.</li> <li>• Move the remote (or the music center) a few feet to avoid an area of "dead spots." See note on page 13.</li> <li>• Make sure the remote control and music center house codes match. Follow steps 4-8 on page 21 to match the house code settings.</li> </ul>
Unit turns on and off by itself, or behaves erratically	<ul style="list-style-type: none"> <li>• Change the house code setting to prevent signals from conflicting with another nearby Lifestyle® system. See page 21 for instructions on setting the house code.</li> </ul>
Radio does not work	<ul style="list-style-type: none"> <li>• Make sure antennas are connected properly.</li> <li>• Adjust antenna position to improve reception.</li> <li>• AM antenna must be upright.</li> <li>• You may be in an area of weak signal coverage.</li> </ul>

<b>Problem</b>	<b>What to do</b>
CD does not play	<ul style="list-style-type: none"> <li>• Check to see if the play symbol ► in the display is lit.</li> <li>• After pressing the CD key, wait a few seconds before pressing PLAY.</li> <li>• Make sure the magazine is properly inserted.</li> <li>• Check to see if there is a disc in the magazine, label-side up. Display shows a flashing box for a disc that is label-side down or cannot be read.</li> <li>• The disc may be defective. Try another disc.</li> <li>• There may be dirt or dust on the CD. Clean the CD.</li> <li>• Eject the magazine and try loading the CD again.</li> <li>• A display message "E01" indicates a mechanical error. Unplug the music center. Reconnect power and try again. If "E01" reappears, call customer service.</li> </ul>
FM sound is distorted	<ul style="list-style-type: none"> <li>• Adjust antenna position to reduce interference.</li> </ul>
Sound is distorted	<ul style="list-style-type: none"> <li>• Make sure speaker cables are not damaged and the connections are secure.</li> <li>• Reduce the output level from any external components connected to the music center.</li> </ul>
No tape, CD, VCR, or TV sound	<ul style="list-style-type: none"> <li>• Check the connections.</li> <li>• Make sure the component is turned on.</li> <li>• Refer to the component owner's manual.</li> </ul>

## Transporting your music center

To transport your music center, follow these steps to lock down the CD mechanism.

1. Eject the CD magazine.
2. Make sure the music center is off (all zones).
3. On the music center, press STORE, ERASE, and PLAY/PAUSE at the same time. Then release.
4. Press and hold the EJECT button for 10 seconds. The CD elevator moves into locked down position.
5. If you hear the elevator continue to move up and down, wait 10 seconds and then repeat steps 3 and 4.

The CD mechanism unlocks automatically the next time you select CD.

## Warranty period

The Bose® Lifestyle® 901 music system is covered by a limited 1-year transferable warranty. Details of the warranty are provided on the warranty card that came with your system. Please fill out the information section on the card and mail it to Bose.

## Customer service

For additional help in solving problems, contact Bose customer service. See the inside back cover for Bose Corporation customer service offices and phone numbers.



## **Taking care of your Lifestyle® 901 music system**

The only maintenance needed is cleaning the system and your compact discs, and replacing remote control batteries.

For information on replacing the remote control batteries see "Set up the remote control" on page 10.

### **Handling CDs**

Handle discs by their edges to prevent fingerprints and scratches (Figure 27).

To remove stains or fingerprints from the surface of a disc, use a lint-free, soft, dry cloth. Wipe in straight movements from the center of the disc to the outside (Figure 28). Do not use any chemical products; they can damage the disc.

Do not write on, or attach labels to, the surface of the disc.

To minimize exposure to dust and dirt, replace discs in their cases after use. Store each disc in its case, out of direct sunlight, high temperatures, and humidity.

### **Cleaning the music center**

Use only a soft, dry cloth to clean the outside of the Lifestyle® music center.

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

### **Cleaning the speakers**

Clean the surface of your 901 speakers with a soft, damp cloth. You can use an ammonia-free window cleaner on a soft cloth to maintain the finish. Do not use any sprays near the system. Do not use any solvents, chemicals, or cleaning solutions containing alcohol, ammonia, or abrasives. Do not allow liquids to spill into any openings.

The speaker grille panels require no special care, although you may vacuum them carefully if necessary.

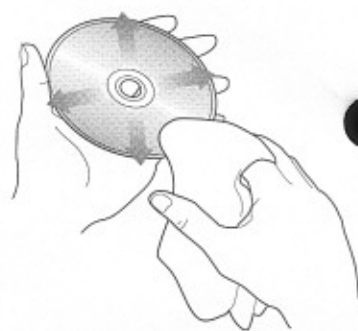
**Figure 27**

Handling a CD



**Figure 28**

Cleaning a CD



## Technical information

### Music center power pack power rating

USA/Canada: 120V~ 60 Hz 25VA

Europe: 230V~ 50 Hz 25VA

Australia: 240V~ 50 Hz 25VA

Dual voltage: 120V~ 60 Hz 25VA and  
230V~ 50 Hz 25VA

### Speaker system power rating

USA/Canada: 120V~ 50/60 Hz 350W

Europe/Australia: 220-240V~ 50/60 Hz 350W

Dual voltage: 115/230V~ 50/60 Hz 350W

### Dimensions

Music center

15.5" W x 8.0" D x 2.6" H  
(39.4 cm x 20.3 cm x 6.6 cm)

Speakers

21" W x 13" D x 31" H  
(53.3 cm x 33 cm x 78.75 cm)

### Weights

Music center

5.9 lb (2.7 kg)

Powered speaker

52 lb (23.6 kg)

Accessory speaker

52 lb (23.6 kg)

### Finish

Music center

Aluminum

Speakers

Black acrylic, high gloss piano finish on  
medium density fiberboard

Black cloth grille

Pedestals

Black anodized aluminum sides

### Remote control range

65 feet (20 m)

### 901<sup>®</sup> powered speaker system

#### Driver complement

Nine (9) 4.5" (114 mm) full-range Helical  
Voice Coil drivers in each cabinet

#### Energy dispersion

89% by reflection

11% by direct radiation

#### Enclosure

14-element Acoustic Matrix™ enclosure  
with three reactive air columns

#### Compensation Controls

Bass:  $\pm 6$ dB at 225 Hz

Treble:  $\pm 6$ dB at 3 kHz

#### Distortion

Less than .1% at 1 Watt,

30 Hz to 15 kHz

### Music center inputs

TAPE: 2Vrms, maximum

AUX, VIDEO SOUND: 2Vrms, maximum

FM antenna: 75 $\Omega$

AM antenna: 12 $\mu$ H

POWER: 12V~, 1.3A

### Music center outputs

Variable audio: SPEAKER ZONES 1 and 2

Fixed audio: ZONE 1, ZONE 2, TAPE

Headphone: 32 $\Omega$  minimum impedance

SERIAL DATA: for future use

Zone connector pinout:

1: variable left audio

2: variable right audio

3: fixed left audio

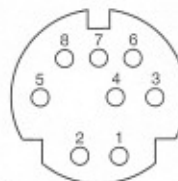
4: fixed right audio

5: audio ground

6: +10V control line

7: SMART SPEAKER data

8: control line ground (and remote antenna)



## Accessories

To find out about mounting brackets, stands, CD magazines, additional remote controls, and connecting additional Bose® powered loudspeakers, contact your Bose dealer. Or call Bose directly (see inside back cover for phone numbers).

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**USA**

Bose Corporation, The Mountain  
Framingham, MA 01701-9168  
1-800-288-BOSE (1-800-288-2673)  
Phone hours - ET (eastern time):  
Weekdays 9 a.m. to 8 p.m.  
Saturdays 9 a.m. to 3 p.m.

**Canada**

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

**European Office**

Bose B.V., Nijverheidstraat 8  
1135 GE Edam, Nederland  
TEL 0299-390190 FAX 0299-390109

**Australia**

Bose Australia, Inc., 1 Sorrell Street  
Parramatta, N.S.W. 2150  
TEL 02 204-6111 FAX 02 204-6122

**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 4343-7777 FAX 4343-7818

**Deutschland**

Bose GmbH, Max-Planck-Straße 36d  
D-61381 Friedrichsdorf  
TEL 06172-71040 FAX 06172-710419

**France**

Bose S.A., 6, rue Saint Vincent  
78100 Saint Germain en Laye  
TEL 01-30616363 FAX 01-30614105

**India**

Bose Corporation India Private Limited  
W-16, Greater Kailash-II  
New Delhi 110 048  
TEL (011) 648 4462 FAX (011) 648 4463

**Ireland**

Bose Corporation  
Carrickmacross, Co Monaghan  
TEL 042-61988 FAX 042-61998

**Italia**

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 Maruyama-cho  
Shibuya-ku, Tokyo 150  
TEL 3-5489-1054 FAX 3-5489-0591

**Nederland**

Bose B.V., Nijverheidstraat 8  
1135 GE Edam  
TEL 0299-390190 FAX 0299-390109

**Norge**

Bose A/S, Solheimsgate 11  
N-2001, Lillestrøm  
TEL 63-817380 FAX 63-810819

**Österreich**

Bose Ges.m.b.H., Vienna Business Park  
Wienerbergstrasse 7 (10. OG)  
A-1100 Vienna  
TEL 01-60404340 FAX 01-604043423

**Schweiz**

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

**Sverige**

Bose A/S, Blandsädsgratan 2D  
S-43146 Mölndal  
TEL 31-878850 FAX 31-274891

**United Kingdom**

Bose Limited, Unit G2  
Trinity Trading Estate  
Sittingbourne, Kent ME10 2PD  
TEL 01795-475341 FAX 01795-427227

**From other locations**

Bose Customer Service, 1 New York Ave.  
Framingham, MA 01701-9168 USA  
TEL (508) 766-1900 FAX (508) 766-1919

**World Wide Web**

[www.bose.com](http://www.bose.com)

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