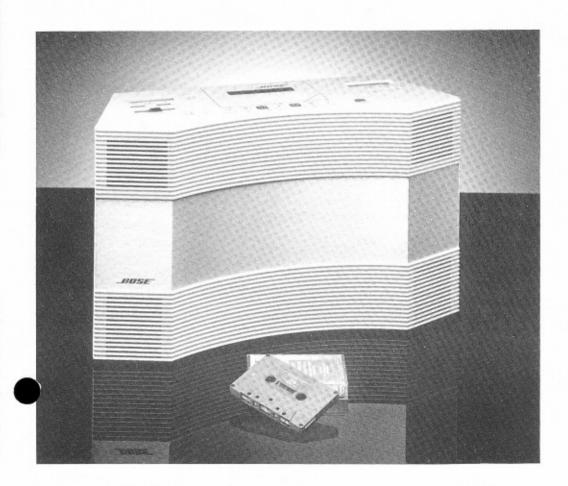
Owner's Guide





WARNING

To reduce the risk of fire or electric shock, do not expose the Acoustic Wave* music system to rain or moisture.

CAUTION

To reduce the risk of shock, do not remove the cover. There are no user-serviceable parts inside. Refer servicing to authorized service personnel.

These CAUTION marks appear on the back of your Acoustic Wave® music system.



The lightning flash, with arrowhead symbol within an equilateral triangle, is intended to alert the user to 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.

CAUTION

RISK OF ELECTRICAL SHOCK-DO NOT OPEN

TO PREVENT ELECTRICAL SHOCK, DO NOT REMOVE COVER. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.

AVIS

RISQUE DE CHOC ÉLECTRIQUE-NE PAS OUVRIR

AFIN DE PRÉVENIR UN CHOC ÉLECTRIQUE NE PAS ENLEVER LE COUVERCLE ARRIÈRE. IL NE SE TROUVE À L'INTÉRIEUR AUCUNE PIÈCE POUVANT ÊTRE RÉPARÉE PAR LÚSAGER. S'ADRESSER À UN RÉPARATEUR COMPÉTENT. Caution: To prevent electric shock, match wide blade of plug to wide slot, fully insert.

Attention: Pour éviter les chocs électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqu'au fond.

INFORMATION

This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, this is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, you are encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna and the power cord.
- · Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a different circuit than the one the receiver is connected to.
- Consult the dealer or an experienced radio/TV technician for help.

Please read this owner's guide

Although the Bose® Acoustic Wave® music system (AWMS™ system) is easy to use, we urge you to read this guide first. The information provided will help you set up and operate your system properly.

Note:

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.

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la classe B prescrites dans le Réglement sur le brouillage radioélectrique édicté par le Ministére des communications du Canada.

Note:

Unauthorized modification of the receiver could void the user's authority to operate this equipment.

Where to find...

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Important Safety Instructions

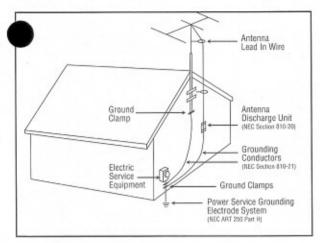
- Read, Follow And Save All Instructions Read and follow the complete safety and operating instructions in this owner's guide before using this unit. Save this guide for future reference.
- 2. Pay Attention To Warnings Observe all warnings on the unit and in this guide.
- 3. Do Not Let Objects Or Liquid Enter The Unit Take care to prevent objects or liquids from falling into this unit. Do not use near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, near a swimming pool, or anywhere else that water is present. Clean only as directed by Bose® on page 16.
- 4. Maintain Proper Ventilation Place the unit so nothing interferes with its proper ventilation. For example, do not place on a bed, sofa, or similar surface that may block the ventilation openings. Do not put it in a built-in system, such as a bookcase or cabinet that may keep air from flowing through its ventilation openings.
- Avoid Excessive Heat Do not place the unit near heat sources such as radiators, stoves, or other appliances (including amplifiers) that produce heat.
- 6. Use Proper Power Sources Plug the unit into a proper power supply, as described in the operating instructions or as marked on the unit. This unit has a polarized alternating current line plug (one blade is wider than the other). As a safety feature, the plug fits into the power outlet only one way. If you have trouble inserting it, reverse the plug. If it still does not fit, your outlet may be obsolete and needs to be replaced. Contact an electrician. Do not change the plug to defeat this safety feature.
- Protect The Power Cord Route all power cords so that they are not likely to be walked on or pinched. Pay particular attention to cords at plugs, at the point where the cord connects to the unit, and at outlets on the unit.
- Take Precautions When Unit Is Not In Use If the unit will not be used for an extended period, unplug from the outlet.
- 9. Be Careful With Carts and Stands Do not place this unit on an unstable cart, stand, tripod, bracket, or table. The unit may fall, causing serious injury to a person or damage to the unit. For advice on use of a particular cart, stand, tripod, bracket, or table, contact Bose Corporation.

Caution: The Acoustic Wave* music system may be used only with the Bose AWMS pedestal.

Use with other stands may result in instability causing possible injury.



If you must move the unit and cart combination, do so very carefully. Quick stops, excessive force, and uneven surfaces may cause it to overturn.



Example of antenna grounding as per National Electrical Code.

- Avoid Power Lines Do not install external antennas near overhead power lines or other electric light or power circuits, nor where an antenna can fall into such circuits or power lines.
- 11. Ground All Outdoor Antennas If an external antenna or cable system is connected to this unit, be sure the antenna or cable system is grounded. This will provide some protection against voltage surges and built-up static electric charges.
 - Section 810 of the National Electrical Code ANSI/NFPA No. 70 provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of the grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the ground electrode. Refer to the above Antenna Grounding illustration.
- 12. Obtain Authorized Service When It Is Indicated Do not attempt to service this unit yourself. All servicing should be provided by authorized service personnel only when:
 - A: The power supply cord or the plug has been damaged; or
 - B: Objects have fallen, or liquid has spilled into the unit; or
 - C: The unit has been exposed to rain; or
 - D: The unit does not appear to operate normally or exhibits a marked change in performance; or
 - E: The unit has been dropped, or the cabinet damaged.

Note To CATV System
Installer: This reminder calls
the CATV system installer's
attention to Article 820-40 of the
NEC (of USA) that provides
guidelines for proper grounding.
It specifies that the cable ground
shall be connected to the
grounding system of the building,
as close to the point of cable
entry as is practical.

Unpack the carton

Carefully unpack the carton. Place the system on a table or other flat surface.

Do not try to use the Acoustic Wave" music system if any part appears damaged. Instead, repack the carton and tell Bose or your authorized Bose dealer immediately.

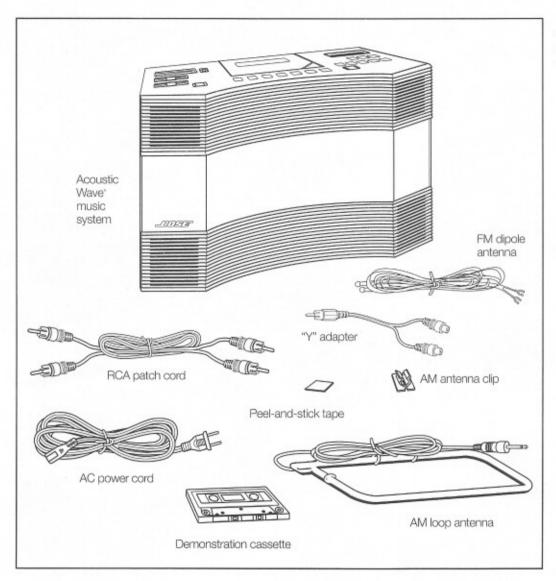


Figure 1

What comes with your Acoustic Wave* music system.

- One (1) Acoustic Wave[®] music system
- . One (1) AC power cord
- · One (1) FM dipole antenna
- · One (1) AM loop antenna
- . One (1) AM antenna clip
- · One (1) peel-and-stick tape
- . One (1) RCA patch cord
- · One (1) "Y" adapter
- One (1) demonstration cassette

lug in the system

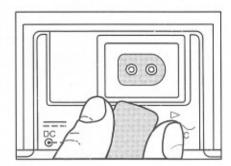
Power

Power jack position

Connection at

Connection at power source

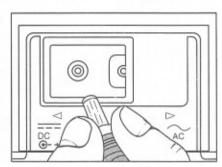
Wall outlet



Plug the small end of the AC power cord into the power jack. Plug the large end into the wall outlet. Note:

The power jack has a sliding cover. To expose the AC power jack, slide the cover to the right. To expose the DC power jack, slide the cover to the left.

Cigarette lighter socket



Plug the small end of the optional Bose DC power cord into the power jack. See "Accessories" on page 18. Plug the large end into the lighter socket. Note:

Using an adapter other than the Bose DC power cord can damage your system.

Bose power pack or power case

Follow the instructions supplied with each accessory. See "Accessories" on page 18.

Adjust the sound

Your system automatically adjusts to provide optimum sound quality. Built-in Dolby B noise reduction is provided for both recording and playing back cassette tapes. Recording levels are set automatically. The tape-type sensor sets the proper playback response for metal or chrome tapes. And dynamic equalization balances bass and treble notes. If your listening area or personal taste requires additional adjustments, use the sound controls.

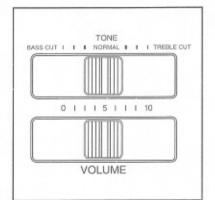


Figure 2

Volume and bass/treble cut controls.

Volume

Slide to the right to increase volume. Slide to the left to decrease volume.

Bass cut/treble cut

t at NORMAL, the system delivers a "normal" balance of bass (low notes) to treble (high notes). Slide the BASS CUT/TREBLE CUT control to the right to decrease (or cut) the treble, for a deeper sound. Slide the control to the left to decrease the bass, for a higher sound.

Radio functions

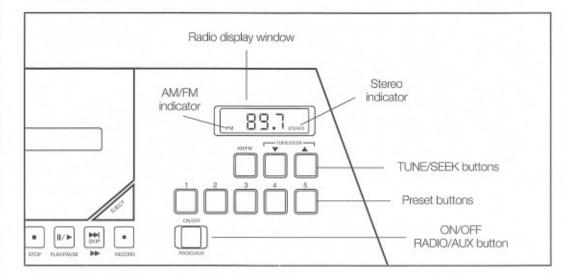
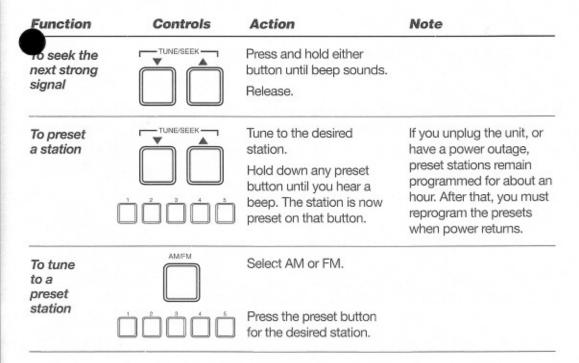


Figure 3

Acoustic Wave* music system radio controls.

Function	Controls	Action	Note
To turn on or off	ON/OFF	Press once to turn the unit on or off.	Radio display window shows the frequency and station.
	RADIO/AUX		Stereo indicator lights for FM stereo broadcasts.
	NORMAL AUX		The radio display window will not light if the system is battery powered.
		To hear the radio, make sure the INPUT button is up. (Shown in Figure 4.)	NORMAL (up) position plays the AWMS™ system. AUX (down) position plays a component you have connected.
To choose AM or FM	AM/FM	Press once to choose AM or FM. Press again to change.	
To tune to a station	TUNE/SEEK	Press once to move one step (89.7 to 89.9 FM) OR Press and hold until you reach the desired station.	Adjust the internal AM antenna by rotating your AWMS system. Plug the AM loop antenna into the "AM LOOP" jack. Use the clip to attach to a smooth, clean surface if you wish.
			To improve FM reception, adjust the telescopic FM antenna on the unit.
			You can also connect an external antenna. See "External antennas" on page 14.



Cassette functions

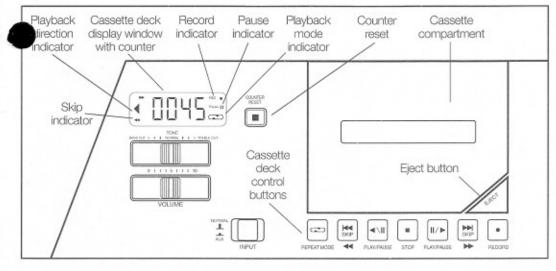


Figure 4

Acoustic Wave" music system cassette deck controls.

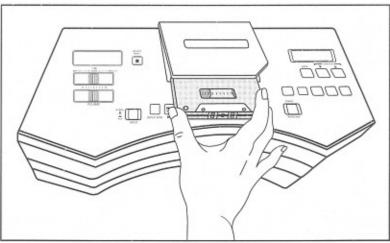


Figure 5

Inserting a tape.

Function	Controls	Action	Note
To insert a tape		Press once to open door. Slide tape in with open edge toward you (Figure 5). Close the door.	The cassette deck will not operate with the door open.
To remove a tape		Press once.	The cassette door will not open while a tape plays.
	STOP	Press once.	
	185	When the door opens, remove the tape. Close the door.	
To select a playback mode	II/▶	Press the PLAY/PAUSE button to start the tape.	The playback mode indicator appears in the display window.
		Press once to play the current side (If the unit is battery powered, the display window will not light.
	REPEAT MODE	Press again to play both sides ().	The indicator will still be visible.
		Press again to play both continuously ().	The cassette deck remains in the selected mode until you change it again.
To play a tape	NORMAL INPUT	Must be in the NORMAL (up) position.	If you are listening to the radio, playing a tape will override it. After tape
	II/► PLAY/PAUSE	Press to play the top side of the tape.	stops playing, radio comes back on.
	or	Press to play the bottom	The tape stops.
	PLAY/PAUSE	side of the tape.	If the radio is off power will continue to the unit for 15 seconds before shutting off completely.
To stop a tape	STOP	Press once.	If the radio is on it will immediately come back on when the tape stops.
To pause a tape	■ \II PLAY/PAUSE	Press the button for the direction the tape is playing in.	Pressing the other PLAY/PAUSE button reverses the tape direction
	or _	Press again to resume	instead of pausing.
	II/► PLAY/PAUSE	play.	Pausing for more than 2-3 minutes may damage tape

Function	Controls	Action	Note
To rewind a tape	STOP	Press once.	
	4 4 SKIP	Press the button pointing in the opposite play direction.	
	or SKIP	The tape will automatically shut off at the beginning or end of the tape side.	
To forward	STOP	Press once.	
	I ≪ SKIP	Press the button pointing in the same play direction.	
	or Skip	The tape will automatically shut off at the beginning or end of the tape side.	
ue or lew a tape	I ≪ SKIP	Press and hold while the tape plays.	This process will not damage your tape or your
	or **	You will hear the tape as it rewinds or forwards.	system.
To skip to another selection	₩ SKIP	Press the appropriate button once while the tape plays. The next or previous track will play.	The SKIP function senses breaks in the sound level of a recording. If a passage is exceptionally quiet
	SKIP	Repeat to skip additional tracks.	(as in classical music) or the break between selections is not pro- nounced (as in live recordings), your system may stop in mid-selection or skip past a selection.
To reset counter	COUNTER RESET	Press once.	Counter display will read "0000."

Function	Controls	Action	Note
To record from the radio	PLAY/PAUSE RECORD	Choose the appropriate PLAY button for the direction you wish to record in. Press both buttons simultaneously. The radio turns on automatically and the cassette deck begins recording whatever is on the radio. Pressing RECORD alone turns on the radio but puts the record function on pause. You must then press PLAY/PAUSE to record.	The recording level is not affected by the VOLUME and BASS CUT/TREBLE CUT controls. Your system automatically sets the recording level and provides built-in Dolby B noise reduction. Although you can play bace either metal or chrome tapes, you CANNOT record on a metal tape. Use Type (high bias or chrome) tapes for best results when recording. Most audio tapes have record tabs to prevent accidental erasure. If the tabs are punched in the AWMS will not record on the tape. "Err" will appear in the display window. Use another audio tape or cover the record tabs with transparent tape.
To stop recording	II/► PLAY/PAUSE	Press once to pause recording. Press again to resume recording.	
	STOP	Press once to stop recording before a tape ends.	
from	AUX INPUT	You must connect the external component to the system AUX. IN jacks. See "Connecting other components" on page 13.	For better results, adjust the external component's volume. Half of maximum volume is usually best.
		To select external compo- nent, press INPUT button down to the AUX position.	
		Follow directions for recording from the radio.	
Record onto an external tape deck		You must connect the external tape deck to the system LINE OUT jacks. See "Connecting other components" on page 13.	
		See the external tape deck's owner's guide for further directions.	

Connecting other components

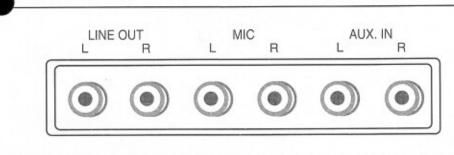
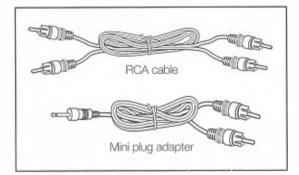


Figure 6

To connect other components, use the jacks on the rear of your Bose* Acoustic Wave* music system (see below).

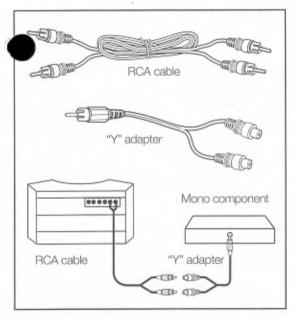


Compact disc player

Either an RCA cable or mini plug adapter is usually included with the CD player. Plug one end into the CD player's output or headphone jack. Plug the other end into the AUX. IN jacks on your system. Match the red plugs to the right (red) jack and the black or white plugs to the left (white) jack.

Note:

If you are using your CD player's headphone jack, lower the volume on your system before playing a CD.



VCR, video disc player, TV, FM cable

For stereo audio output, use a standard RCA cable. Plug one end into the component's output jacks. Plug the other end into the AUX. IN jacks on your system.

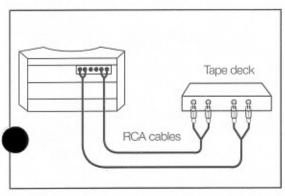
For mono audio output, use the supplied "Y" adapter. Plug the single end into the VCR output jack. Attach the "Y" end to the RCA cable. Now plug the RCA cable into the AUX. IN jacks on your system.

Note:

So the sound seems to come from the screen, place your system close to, but not on top of, your television. Placing your AWMS¹¹ system on top of your TV or near recorded tapes may interfere with the picture or erase tapes.

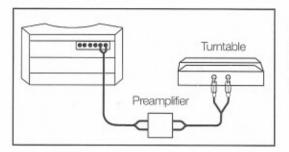
Your system enhances mono sources, but they will still be in mono.

Televisions or VCRs with earplug or headphone outlets may require a special adapter. FM cable may require special adapters. Contact your cable television representative for more information.



Tape deck

Use two stereo RCA cables. Plug one end of first cable into the line out jacks on your tape deck. Plug the other end into the AUX. IN jacks on your system. Plug one end of second cable into the line in jacks on your tape deck. Plug the other end into the LINE OUT jacks on your system.

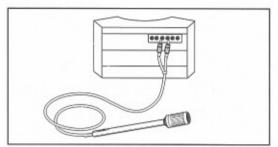


Turntable

Use a stereo RCA cord. Most turntables also require a preamplifier, available directly from Bose®

Note:

See page 18 for preamplifier ordering information.



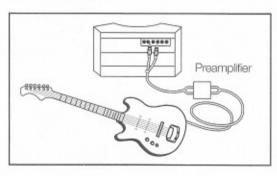
Bose power microphone

Plug into the MIC jacks on your system.

Note:

See page 18 for ordering information.

Follow instructions included with the Bose power microphone.



Musical instruments

Use a stereo RCA cord. Some instruments also require a preamplifier, available directly from Bose.

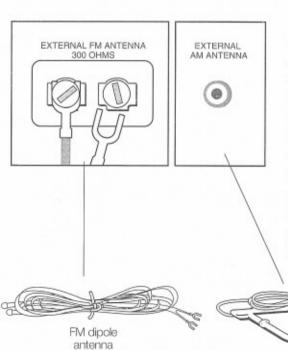
Note:

Some instruments may require special adapters. Your system can amplify musical instruments and voice, but it is not a substitute for a heavy duty professional sound system. Contact your music equipment dealer or Bose representative for more information at 1-800-637-8781.

See page 18 for preamplifier ordering information.

Note:

Connecting the AM loop antenna will disconnect your system's internal AM antenna.



External antennas

Use the supplied FM dipole antenna. Loosen the EXTERNAL FM ANTENNA screw terminals on your system. Connect the antenna's wire leads beneath the screws and retighten firmly. Spread ends of FM antenna into a "T."

Plug the supplied AM loop antenna into the EXTERNAL AM ANTENNA on your system. Straighten the cable and place the loop as far from the unit as possible.

AM loop

Playing other components

Function	Controls	Action	Note
To play an external component	NOFMAL.	Press down to the AUX position.	Refer to the component's owner's guide if necessary.
	ONIDEF	Press once.	
	VOLUME	Turn the component on. Adjust the listening volume at your system, then contr all other functions with the component's controls.	rol

Cleaning the system

The enclosure

Before cleaning, unplug your Acoustic Wave® music system from the power supply. Wipe the system with a damp cloth and let it dry. Do not immerse in water or spray cleaners directly onto the system. We recommend using the optional Bose® Power Case to help protect your system from sand, dirt, moisture, and direct exposure to sunlight outside. See "Accessories" on page 18.

The cassette mechanism

To maintain sound quality, use the enclosed tape mechanism cleaner after every eight to ten hours of playing time. Regularly demagnetizing your cassette deck prevents a buildup of magnetic charges which could affect the treble frequencies. Follow instructions included with tape cleaner.

Limited Warranty

What is covered:

All parts defective in material or workmanship.

For how long:

One year from the purchase date.

What we will do:

We will, at our sole option, repair or replace any defective parts free of charge. We will also pay shipping or transportation charges from you to us, and from us to you.

What you must do:

We recommend that you return the unit with original proof of purchase directly to the BOSE factory. But you can also return unit personally with original proof of purchase to an authorized BOSE dealer or service agency. To return it directly to the BOSE factory:

- A. Call the BOSE Service Department at 1-800-637-8781 (outside USA, see phone numbers at right), and ask to be assigned a return authorization number and shipping instructions;
- B. Properly pack the unit in the original carton for shipping. If you need a new carton, contact BOSE Corporation for a new carton available at a nominal charge;
- C. Label and ship, freight prepaid, to the address provided by the Service Department, and
- D. Place any necessary return authorization number prominently on the outside of the carton. (Cartons not bearing a return authorization number, where required, will be refused.)

Other conditions:

This warranty is fully transferable provided the current owner furnishes the original proof of purchase from an authorized BOSE dealer. THE PROVISIONS OF THIS WARRANTY ARE IN LIEU OF ANY OTHER WARRANTY, WHETHER EXPRESSED OR IMPLIED, WRITTEN OR ORAL, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. BOSE'S MAXIMUM LIABILITY SHALL NOT EXCEED THE ACTUAL PURCHASE PRICE PAID BY YOU FOR THE PRODUCT. IN NO EVENT SHALL BOSE BE LIABLE FOR SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR INDIRECT DAMAGES.

This warranty does not cover a defect that has resulted from improper or unreasonable use or htenance, accident, improper packing, or unauthorized tampering, alteration, or modification as determined solely by us. This warranty is void if the label bearing the serial number has been removed or defaced.

Other Law Rights:

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

Customer service

USA

1-800-637-8781 8:30 a.m. to 9 p.m. ET

1-800-444-BOSE (1-800-444-2673) 9 a.m. to 5 p.m. ET

European Office

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

∆ustralia

e 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 43437777 FAX 43437818

France

Bose S/A, 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 85 GE Edam

EL 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 Rome TEL 06-5127641/2 FAX 06-5115438

Norway

Bose A/S, Sundkroken 9H 2008 Fierdingby TEL 63-838703 FAX 63-838704

Spain

Bose Products B.V. Avda. Aragón 334, 28022 Madrid TEL 91-3290210 FAX 91-7472080

Switzerland

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

Sweden

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

United Kingdom

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

Product information

Features

- Acoustic Wave® speaker technology provides deep full bass from a small enclosure.
- · Automatic protection circuitry prevents speaker damage from excessive volume.
- · High performance stereo tuner allows 5 AM and 5 FM station presets.
- · Automatic Dolby B noise reduction provides clear, noise-free sound.
- · Dynamic equalization automatically balances bass and treble at any volume level.
- · Automatic tape type sensor ensures high-quality sound from either metal or chrome tapes.
- · Auto reverse allows you to listen to both sides of the tape without flipping cassette.
- · Automatic music search skips to favorite selections.
- · Forward and reverse cues and digital tape counter help you easily locate favorite passages.

Specifications

Dimensions

• 10.5"H x 18"W x 6.5"D (26.5 x 45.7 x 16.5 cm)

Weight

18 lb (8.2 kg)

Power ratings

- 120 V AC 60 Hz 80 W Maximum
- 12-15 V DC

Accessories

The following Bose® accessories are available specifically for use with your Acoustic Wave® music system:

- Acoustic Wave music system pedestal (PD-2) connects up to four external components to your system for a convenient, versatile entertainment system.
- Power case padded case carries your Acoustic Wave[®] music system and ordinary D-cell batteries for eight to ten hours of playing time.
- Power pack (PK-1SC) portable power system with battery charger fits inside the power case for ten to twelve hours of playing time.
- Power cord (PN 139992) DC adapter connects your system to any standard vehicle cigarette lighter for lifelike sound in your car or RV.
- Power microphone battery operated microphone plugs into your Acoustic Wave[®] music system to amplify or record a voice or instrument.
- Stereo preamplifier combines with standard RCA cords to amplify a turntable or musical instrument through your system.

Contact Bose for more information at 1-800-637-8781.

