



The Bose® Wave® Radio

Owner's Guide
January 7, 2002

AM149204_02_V.pdf

WARNING

To reduce the risk of fire or electric shock, do not expose the Wave® radio 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 bottom of your Wave® radio.



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 L'USAGER. 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.

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 to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Please read this owner’s guide

The Bose® Wave® radio is carefully engineered to provide sound quality far beyond other radios. This guide will help you set up and operate your radio 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 Règlement sur le brouillage radioélectrique édicté par le Ministère des communications du Canada.

Note:

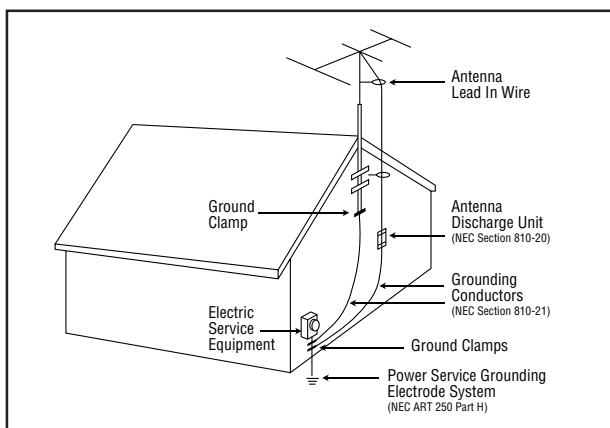
Unauthorized modification of the receiver could void the user’s authority to operate this equipment.

For your safety

1. **Read, Follow And Save All Instructions** – Read and follow the complete safety and operating instructions in this owner's guide before using the unit. Save this guide for future reference.
2. **Pay Attention To Warnings** – Observe all warnings on the unit and in the guide.
3. **Do Not Let Objects Or Liquid Enter The Unit** – Take care to prevent objects or liquids from entering 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 on page 13.
4. **Maintain Proper Ventilation** – Place the unit so nothing interferes with its proper ventilation. Do not place on a bed, sofa, or similar surface that may block the ventilation openings. Do not put it in a bookcase or cabinet that may keep air from flowing through its ventilation openings.
5. **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.
7. **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.
8. **Take Precautions When Unit Is Not In Use** – If the unit will not be used for an extended period, unplug from the outlet and remove the batteries.
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.
10. **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 charges.



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.



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 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 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.

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Unpack the carton (see Figure 1)

Carefully unpack the carton. Do not attempt to use the Wave® radio if any part appears damaged. Instead, repack the carton and notify Bose® or your authorized Bose dealer immediately.

Place the Wave® radio on a table or other flat surface. Locate the FM and AM antennas, the power cord, and the AA batteries.

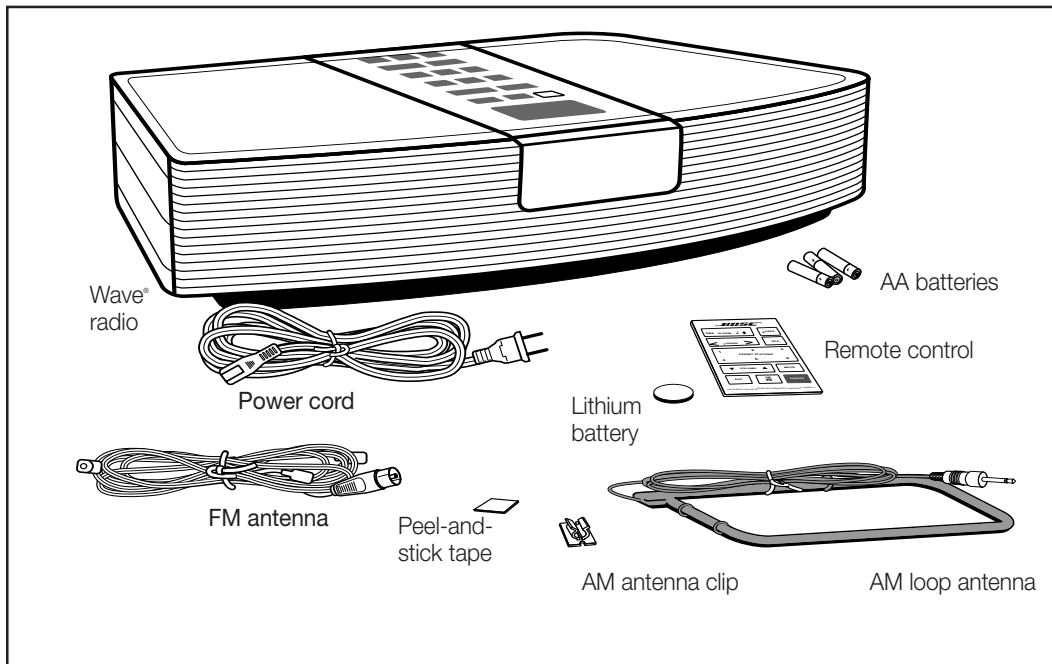


Figure 1

What comes with your Wave® radio.

- One (1) Wave® radio
- One (1) power cord
- Three (3) AA batteries
- One (1) FM antenna
- One (1) AM antenna
- One (1) AM antenna clip
- One (1) peel-and-stick tape
- One (1) remote control
- One (1) lithium battery

Install the batteries

The Wave® radio's three AA batteries maintain its memory and backup alarm system for up to a week during a power failure, or while the radio is unplugged. The batteries will not power the radio or light the display. Operating without batteries leaves the memory unprotected, but will not harm the radio. Use only 1.5V AA alkaline batteries (IEC-R6 in Europe), available at many retail stores.

1. Carefully turn your Wave® radio upside down (avoid scratching its top).
2. Locate the battery compartment on the bottom (see Figure 2).
3. Press the arrow on the cover to slide the compartment open.
4. Place the batteries inside, matching the + and – symbols with the symbols inside the compartment.
5. Slide the cover back into place and turn the radio right side up.

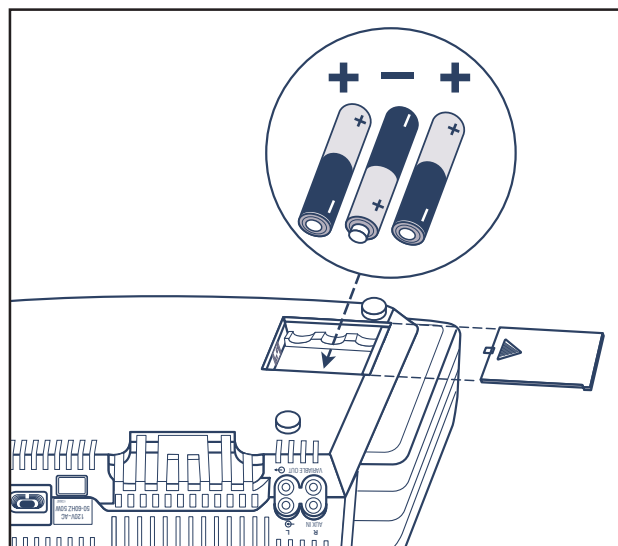


Figure 2

Match the + and – symbols on the batteries to the marks inside the compartment.

Connect the power cord and antennas

Find the jacks on the back of your radio (see Figure 3). Unwind all cords.

Connect the power cord

1. Plug the small end of the power cord into the power jack.
2. Plug the other end of the power cord into an electric outlet.
The display panel should light up.

Connect the antennas

1. Plug the FM antenna into the "FM 75Ω External" connector.
2. Plug the AM antenna into the "AM LOOP" jack.
3. Straighten both antennas. Move the AM loop and ends of the FM antenna as far as possible away from the radio.
4. Use the clip and peel-and-stick tape to attach the AM loop antenna to a smooth, clean surface, if you wish.

Note:

The time display will begin to flash after power is connected. Press the CLOCK SET key once to stop the flashing.

Note:

A second FM antenna is built into the power cord. For best reception, adjust the antenna by moving the power cord.

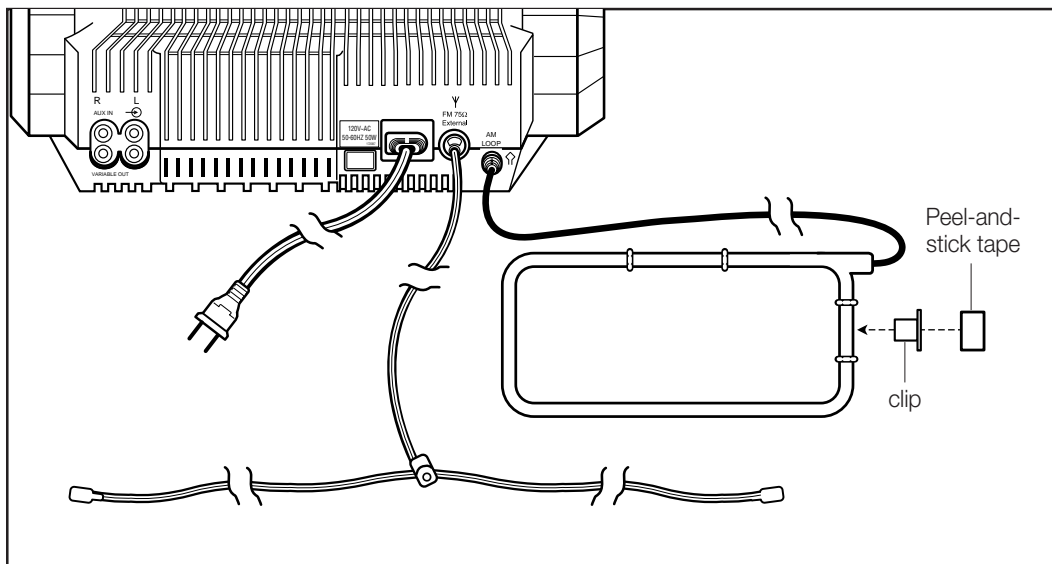


Figure 3

Plug the antennas and power cord into their jacks.

The remote control

Install the battery

The battery compartment on the remote control of your Wave® radio has a security lock. It must be unlocked before you open the compartment to insert or remove the battery.

1. Place the remote control face down on a flat surface.
2. Insert the tip of a ball point pen in the left side of the security lock. Push to the right and hold (Figure 4).
3. Slide the battery compartment open. Insert the battery into the battery carrier, matching the + symbols.
4. Slide the battery compartment closed. It will automatically lock in place.

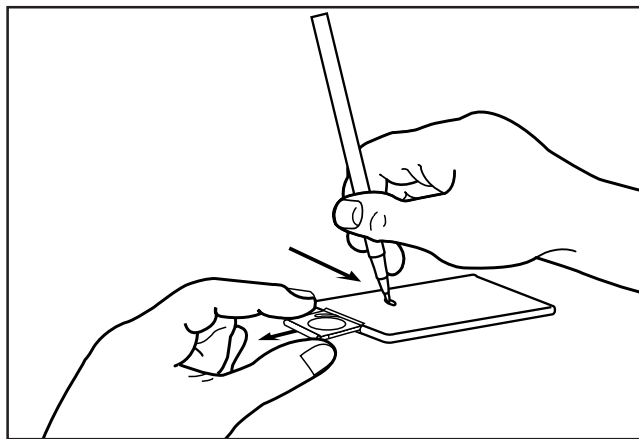


Figure 4

Push the security lock to the right with the tip of a ball point pen.

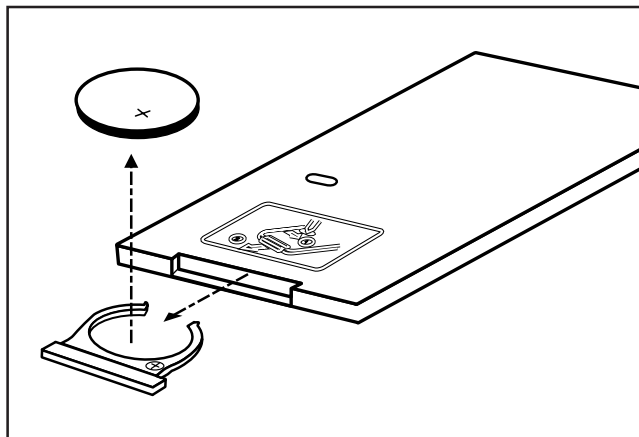


Figure 5

Insert the battery, matching the + symbols.

WARNING:

The remote control battery may cause a fire or chemical burn if mishandled. Keep it away from children. Do not recharge, disassemble, heat above 100°C (212°F), or incinerate. Dispose of used battery promptly. Replace with a battery of the type and model mentioned in the note above. Using another battery may cause a fire or explosion.

How to operate

Aim the remote control at your Wave® radio. The remote normally works up to 20 feet in front of the radio, and 6 feet to either side. Use the remote keys in the same way you use the radio control panel. Replace the remote control battery when it stops operating, or its range seems reduced (normally every year or two).

How to read the clock display

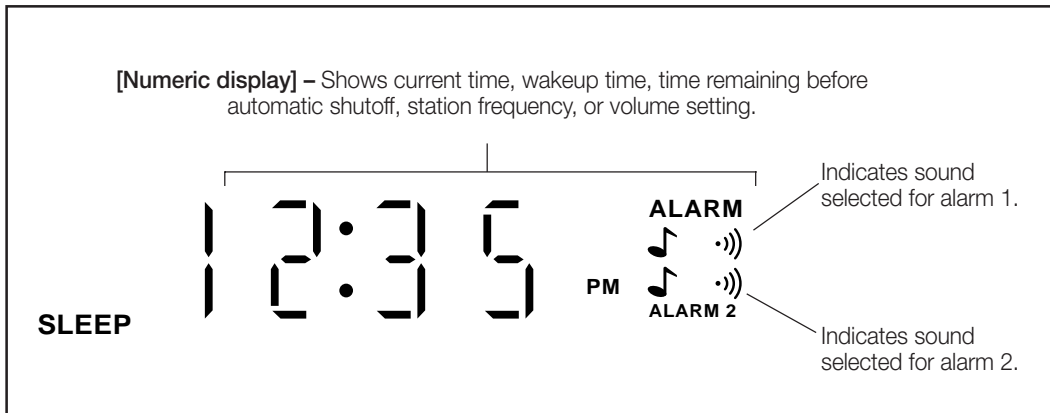


Figure 6A

The clock display.

How to read the radio display

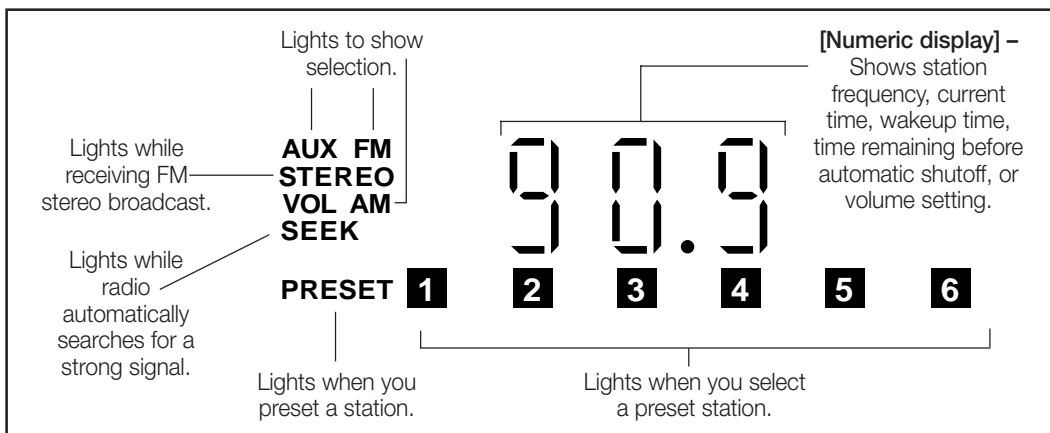


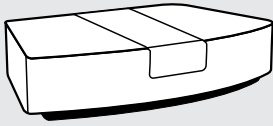
Figure 6B

The radio display.

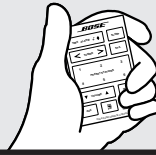
How to customize the display

Function	Keys	Action
AM/PM (12 hour) or military (24 hour) time		Press to turn the unit off.
	and	Hold down CLOCK SET and press ON/OFF to “toggle” between AM/PM or military formats.
Display brightness	 VOLUME	The display has two brightness settings, one for normally lit rooms and one for dimly lit rooms. The normal setting cannot be adjusted. The dim setting automatically adjusts as the room darkens. Or you can adjust it by holding down CLOCK SET while pressing either VOLUME control.

Radio functions



or



3 ways to turn on/off

ON/OFF

●/○
ON/OFF

Press once to turn on (automatically selects last source played) or to turn off.

AM/FM

AM
FM

Press once to turn on (selects the radio function).

AUX

AUX

Press once to to turn on (selects an auxiliary source).

To shut off automatically

SLEEP/SNOOZE

SLEEP

Press once and the display will show the time left until automatic shutoff (up to 75 minutes). Press and hold to reduce the time until shutoff.

ON/OFF

●/○
ON/OFF

Press once to turn off before automatic shutoff.

To select AM or FM radio

AM/FM

AM
FM

Press to select the radio.

Press again to select AM or FM.

To adjust volume



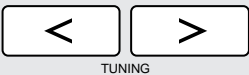
Press and hold while the radio is on or off to reset the volume. The display shows the volume level from 0 (soft) to 99 (loud).

MUTE

Press once to silence the radio.

Press again to restore volume.

To display the station

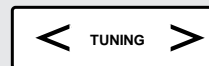
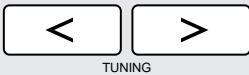


Press both simultaneously to display the current station. The time display will return in several seconds.

STA.

Press and hold.

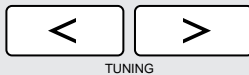
To tune in a station



Press and hold until desired station is reached. Adjust antennas for best reception.

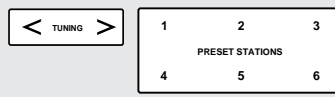
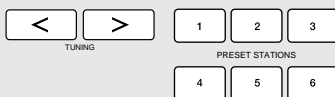
Note: The power cord contains a second FM antenna. For best reception, adjust the antenna by moving the power cord.

To seek a station



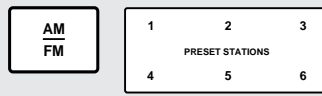
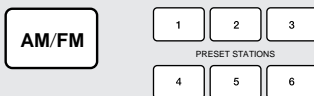
Press and hold briefly, then release to seek the next strong signal.

To preset up to 6 stations



Tune to the desired station. Hold down any preset button until you hear a beep. The station is now preset on that button.

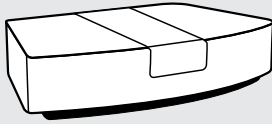
To tune in a preset



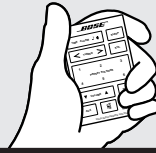
Choose AM or FM.

Press the preset button for the station you want.

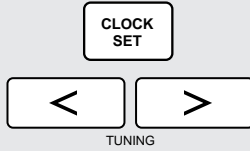
Clock functions



or

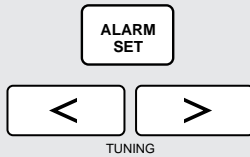


To set
clock



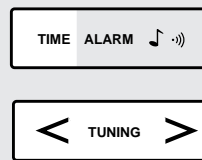
While holding down the CLOCK SET key, press the TUNING < or > key. The time display changes slowly at first, then more quickly, until you stop it by releasing one of the keys.

To set
Alarm 1



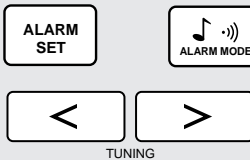
Press ALARM SET and either tuning key at the same time to change wakeup time. The time display changes slowly at first, then more quickly. Release when set.

Note: You do not need to turn on the unit to set the alarm.



Press TIME. The Alarm indicator will flash. Press either tuning key. The time display changes slowly at first, then more quickly. Release when set. Press TIME to return display to current time.

To set
Alarm 2



While holding down the ALARM SET key, press and release the ALARM MODE key. The Alarm 2 indicator will flash. You now have 10 seconds to begin setting the alarm time with the tuning keys.

Note: The alarm indicator will continue to flash for ten seconds after the alarm is set.



Press TIME, then press musical note icon. The Alarm 2 indicator will begin to flash. You have 10 seconds to begin setting Alarm 2 as you did Alarm 1. Press TIME to return display to current time.

Note: The alarm indicator will continue to flash for ten seconds after the alarm is set.

To use
Auto Reset



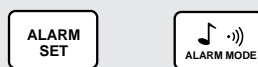
Press once while the alarm sounds. The alarm will silence and automatically reset to sound at the same time tomorrow

To check
Alarm 1



Press to check Alarm 1 wake up time.

To check
Alarm 2

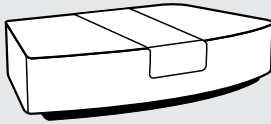


Press both at once to check Alarm 2.

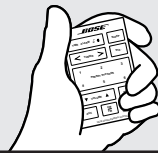


Press TIME, then press musical note icon to check Alarm 2.

Clock functions (continued)



or



To choose the alarm sound



Note: The clock must be displaying the current time, not alarm time.

Press to change from off (blank display) to tone (·)). When the alarm goes off, the tone volume will gradually increase to a moderate level or your preset level.

Press again to change from tone to radio (♪). When the alarm goes off the radio volume will gradually increase to your setting.

Press again to change from radio to tone and radio (♪ ·)). When the alarm goes off the tone will sound, followed by radio.

To set the volume of the alarm



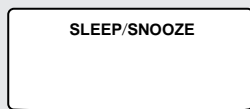
For tone (·)) choose the alarm sound as above. Set the alarm to go off. When alarm sounds, press to adjust the volume.

For the radio (♪), set the volume as shown on page 9.



Press to silence the alarm. Automatically resets the alarm to repeat tomorrow.

To snooze



When the alarm is in tone and radio (♪ ·)) mode, press to stop the tone and hear the radio. The tone will sound again in ten minutes. Press again to silence the radio.

When the alarm is in tone (·)) or radio (♪) mode, press once to pause the alarm for ten minutes.

To stop the alarm



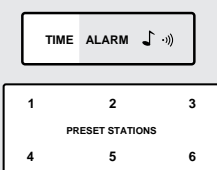
Press once. The indicators remain lit, and the alarm will repeat tomorrow.

Note: If you do not turn off the alarm, it will continue to sound for one hour. Then it will stop and automatically reset to sound at the same time tomorrow.



Press once to turn off the alarm function. The indicators will turn off and the alarm must be reset before it will go off again.

To wake to your favorite station



Press the ALARM SET or TIME key and a PRESET key at once. The preset indicator and the station frequency will flash on the display.

Release the ALARM SET or TIME key. Alarm 1 will always play this station until you reset the alarm.

Alarm operation during a power failure



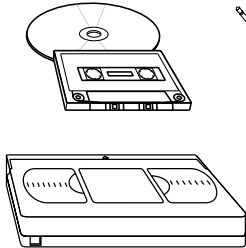
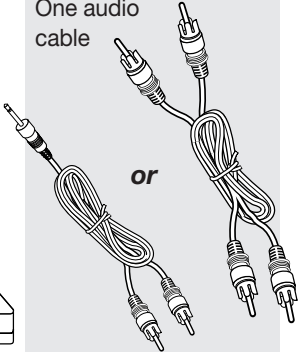
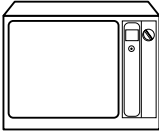



Backup batteries allow the alarm to function during a power failure. To conserve power, only the tone will sound, even if you selected radio.

Press to silence the tone. The tone will sound at the same time each day the power is out until the batteries run out, approximately one week. Normal operation will resume when power is restored.

Using other components

Use your Wave® radio to improve the sound of a CD player, cassette deck, or TV. Or add powered Bose® speakers. You can also use your Wave® radio as extension speakers for the Bose Lifestyle® music system. Most audio cables are available at electronics stores. Or call Bose.

Most audio cables are color coded. Match the red plugs to the right (red) jack and the black or white plugs to the left (white) jack.

Component	Cable	Connection at component	Connection at Wave® radio	Note
<p>CD player, tape deck, or VCR</p> 	<p>One audio cable</p>  <p>or</p>	<p>Audio output jack</p> <p>For portable CD players: the headphone jack (set the headphone volume control to 7).</p> <p>If there are two sets of outputs, use the fixed outputs.</p>	AUX IN jack	<p>Although you can record from your Wave® radio to your tape deck, Bose does not recommend it because the variable output volume may not match the input level required by the tape deck.</p>
<p>Television</p> 	<p>TVs with stereo output jacks need a standard RCA cord.</p> <p>TVs with single (mono) audio output jacks use a standard Y adapter.</p> <p>TVs with earplug outlets may need a special earplug adapter.</p>	<p>Audio output jack</p> <p>If there are two sets of outputs, use the fixed outputs.</p>	AUX IN jack	<p>To make sure the sound seems to come from the screen, place the Wave® radio close to the TV. Do not place it directly on top of the TV (the magnets in the speakers may interfere with the TV picture).</p>
<p>Bose® Lifestyle® music system</p> 	<p>25 to 100 foot stereo cable with male-to-male RCA plugs.</p> 	<p>TAPE (REC) or FIXED OUTPUT jack.</p>	AUX IN jack	
<p>Powered Bose speakers</p> 	<p>Use the audio-input cables that came with your speakers.</p>	<p>Speaker system as described in the speaker owner's manual.</p>	VARIABLE OUT jack	<p>Some audio-input cables have three connectors at each end. Use only the two connectors that look alike. DO NOT INSERT THE THIRD CONNECTOR into the speaker's SYSTEM CONTROL jack.</p> <p>Connecting components or speakers to the VARIABLE OUT jack will cut out the radio's speakers.</p>

Selecting the component

Choose your CD player, tape recorder or other auxiliary source by pressing the AUX key. Adjust the listening volume with the VOLUME keys. Control all other functions at the source, referring to its owner's manual if necessary. Control your auxiliary speakers from the Wave® radio. (If the speaker system has a volume control, you may use it.)

Maintaining the Wave® radio

The only necessary maintenance is periodic battery replacement and cleaning.

Replace the batteries

To protect your Wave® radio's memory and backup alarm system, replace the batteries every year and when you have an extended power loss. Dead batteries may leak and cause damage. Do not unplug your Wave® radio from the power outlet while replacing the batteries. If you do unplug it, you will need to reset the clock, alarm settings, and station presets. For further information on replacing batteries, see "Install the batteries" on page 5.

For further information on replacing the remote control battery see "Install the battery" on page 7.

How to clean

Use only a cloth to clean the outside of the Wave® radio. Do not use any solvents, chemicals, or cleaning solutions containing alcohol, ammonia, or abrasives. Do not allow liquids to spill into any openings on the radio. If necessary, you may use a soft-bristled attachment to gently vacuum the front of the radio.

Customer service

USA

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

Canada

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

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 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 (in Canada, call 1-800-444-2673), 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 EXPRESS 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 maintenance, 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 on implied warranties or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

Features

- Acoustic Wave® speaker technology provides deep, full bass from a small enclosure

- High performance stereo tuner allows 6 AM and 6 FM station presets
- Automatic protection circuitry prevents speaker damage from excessive volume
- Dual independent alarms let you set two wakeup times
- Credit card size remote offers convenient program control

Size

Dimensions

- 4.5"H x 14"W x 8"D (11.4 x 35.6 x 20.3 cm)

Weight

- 7 lb (3.2 kg)

Power rating

- USA/Canada: 120V~ 50/60 Hz 50W
- International: 220-240V~ 50/60 Hz 50W
- Japan: 100V~ 50/60 Hz 25W



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