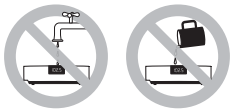
# Wave® Radio II

Owner's Guide

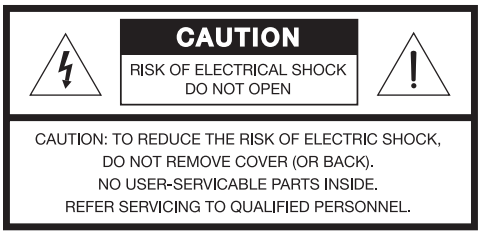
® A mark of quality

***WARNING:*** *To reduce the risk of fire or electrical shock, do not expose the product to rain or moisture.*

***WARNING:*** *The apparatus shall not be exposed to dripping or splashing, and objects filled with liquids, such as vases, shall not be placed on the apparatus. As with any electronic products, use care not to spill liquids into any part of the system. Liquids can cause a failure and/or a fire hazard.*



***CAUTION:*** *To reduce the risk of electric shock, do not disassemble this product unless you are qualified. Refer servicing to qualified service personnel.*



The lightning flash with arrowhead symbol within an equilateral triangle alerts the user to the presence of uninsulated dangerous voltage within the system enclosure that may be of sufficient magnitude to constitute a risk of electrical 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:*** *To prevent electric shock, match the wide blade of the line cord plug to the wide slot of the AC (mains) receptacle. Insert fully.*

***WARNING:*** *Keep the remote control battery away from children. It may cause a fire or chemical burn if mishandled. Do not recharge, disassemble, heat above 100°C (212°F), or incinerate. Dispose of used batteries promptly. Replace only with a battery of the correct type and model number.*

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

***WARNING:*** *No naked flame sources, such as lighted candles, should be placed on the apparatus.*

***Note:*** *The product label is located on the bottom of the product.*

## *Please read this owner's guide*

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

*©1994-2005 Bose Corporation. No part of this work may be reproduced, modified, distributed or otherwise used without prior written permission. All trademarks referenced herein are property of Bose Corporation. The Wave® radio II design is a registered trademark of Bose Corporation.*

1. **Read these instructions** – for all components before using this product.
2. **Keep these instructions** – for future reference.
3. **Heed all warnings** – on the product and in the owner's guide.
4. **Follow all instructions.**
5. **Do not use this apparatus near water or moisture** – Do not use this product near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, near a swimming pool, or anywhere else that water or moisture are present.
6. **Clean only with a dry cloth** – and as directed by Bose Corporation. Unplug this product from the wall outlet before cleaning.
7. **Do not block any ventilation openings. Install in accordance with the manufacturer's instructions** – To ensure reliable operation of the product and to protect it from overheating, put the product in a position and location that will not interfere with its proper ventilation. For example, do not place the product 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 a cabinet that may keep air from flowing through its ventilation openings.
8. **Do not install near any heat sources, such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.**
9. **Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wider blade or third prong is provided for your safety. If the provided plug does not fit in your outlet, consult an electrician for replacement of the obsolete outlet.**
10. **Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.**
11. **Only use attachments/accessories specified by the manufacturer.**
12. **Use only with the cart, stand, tripod, bracket or table specified by the manufacturer or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.**

13. **Unplug this apparatus during lightning storms or when unused for long periods of time** – to prevent damage to this product.
14. **Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way: such as power-supply cord or plug is damaged; liquid has been spilled or objects have fallen into the apparatus; the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped** – Do not attempt to service this product yourself. Opening or removing covers may expose you to dangerous voltages or other hazards. Please call Bose to be referred to an authorized service center near you.
15. **To prevent risk of fire or electric shock, avoid overloading wall outlets, extension cords, or integral convenience receptacles.**
16. **Do not let objects or liquids enter the product** – as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock.
17. **See product enclosure bottom for safety related markings.**

## *Information about products that generate electrical noise*

If applicable, 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.
- Increase the separation between the equipment and 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.

***Note:*** *Unauthorized modification of the receiver or radio remote control could void the user's authority to operate this equipment.*

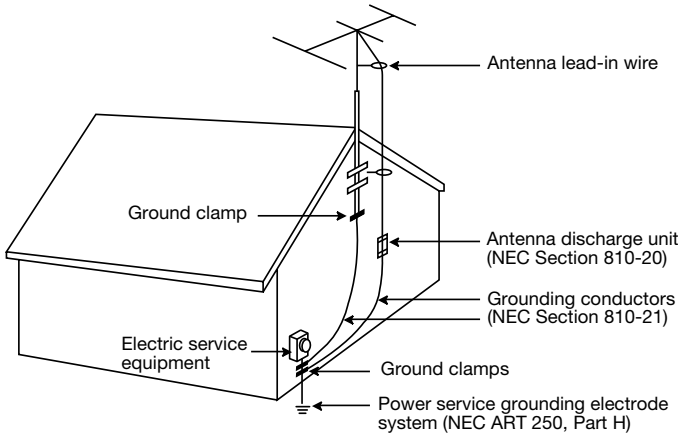
This product complies with the Canadian ICES-003 Class B specifications.

18. **Use Proper Power Sources** – Plug the product into a proper power source, as described in the operating instructions or as marked on the product.
19. **Avoid Power Lines** – Use extreme care when installing an outside antenna system to keep from touching power lines or circuits, as contact with them may be fatal. 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.
20. ***Ground All Outdoor Antennas*** – If an external antenna or cable system is connected to this product, be sure the antenna or cable system is grounded. This will provide some protection against voltage surges and built-up static 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 grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the ground electrode. Refer to the antenna grounding illustration on this page.

## *Antenna grounding*

Example of antenna grounding as per National Electrical Code, ANSI/NFPA 70.




## *Note to CATV system installer*

This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC (of USA) that provides guidelines for proper grounding. In particular, 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.

## *Where to find ...*


Setting Up Your Wave® Radio II . . . . 4
- Unpacking . . . . 4
- Selecting a location . . . . 4
- Connecting to power . . . . 4
- Setting the clock . . . . 5

A Brief Introduction to Some Special Features . . . . 6
- Introduction . . . . 6
- Special Features . . . . 6

Operating Your Wave® Radio II . . . . 7
- Remote control operating guide . . . . 7
- Reading the display . . . . 8
- Turning the Wave® radio II on and off . . . . 8
- Controlling the volume . . . . 8
- Setting up automatic shutoff (Sleep) . . . . 8

Listening to FM/AM Radio II . . . . 9
- Turning the radio on . . . . 9
- Tuning the radio . . . . 9
- Storing a radio station to memory (Presets) . . . . 10
- TALK RADIO mode . . . . 10

Setting and Using The Alarm . . . . 11
- Setting the alarm . . . . 11
  - Selecting a radio station to wake to . . . . 11
  - Setting the alarm time . . . . 11
- Using the alarm . . . . 12
  - Stopping a sounding alarm . . . . 12
  - Turning alarm on and off . . . . 12
  - Snoozing an alarm . . . . 12

Connecting Other Equipment . . . . 13
- Rear panel input/outputs . . . . 13
- Connecting an external FM antenna . . . . 13
- Connecting your Wave® radio II to a Lifestyle® system . . . . 14
- Using headphones . . . . 14
  - Changing the volume level of headphones . . . . 14
- Using your Wave® radio II with other audio equipment . . . . 15

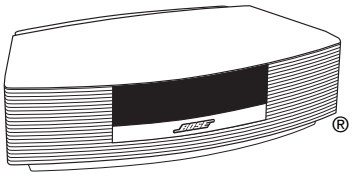
Personalizing Your Wave® Radio II . . . . 17
- The setup menu . . . . 17
- Adjusting the snooze time . . . . 18
- Changing the clock time format . . . . 18
- Adjusting the display brightness . . . . 19
- Setting the room code . . . . 19
- Performing a system reset . . . . 20

Maintaining Your Wave® Radio II . . . . 21
- Cleaning . . . . 21
- Replacing the remote control battery . . . . 21
- Troubleshooting . . . . 22
- Customer service . . . . 22
- Limited warranty . . . . 22
- Technical information . . . . 22

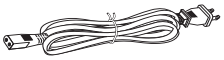
Index . . . . 23

## Unpacking

Please check the shipping carton for the following items:



Wave® radio II



AC power cord

Remote control
(battery pre-installed)

## Selecting a location

- Place your Wave® radio II on a table or other flat surface.
- To enjoy maximum performance, place your Wave® radio II across the room from where you will be listening.
- For best performance, place your Wave® radio II within two feet of a wall, and avoid placing directly in a corner.

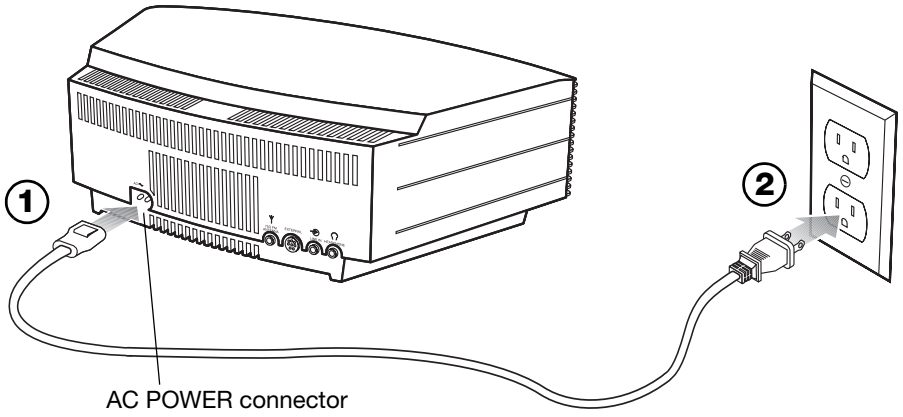
♪ ***Note:*** *Do not place your Wave® radio II on a metal surface. It could interfere with AM reception.*

♪ ***Note:*** *Do not place your Wave® radio II on a heat-sensitive surface. Like all electrical equipment, it generates some heat.*

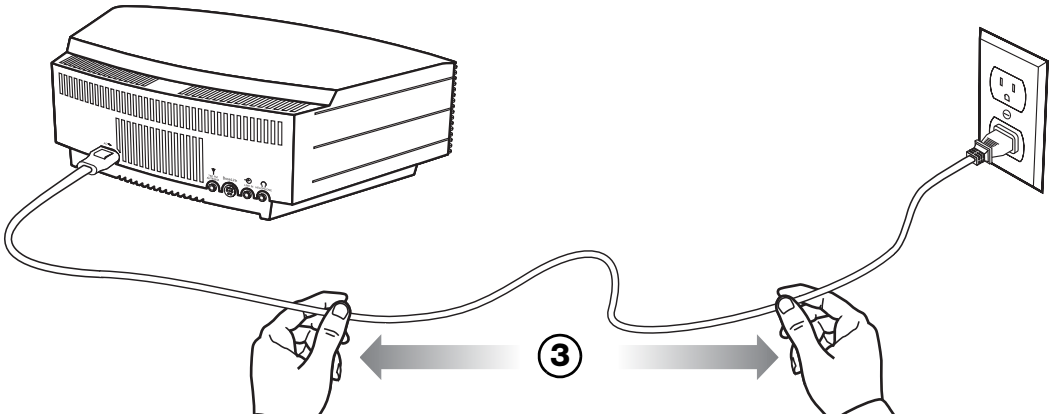
♪ ***Note:*** *Do not use your Wave® radio II in a damp location or any other place where moisture can get inside.*

## Connecting to power

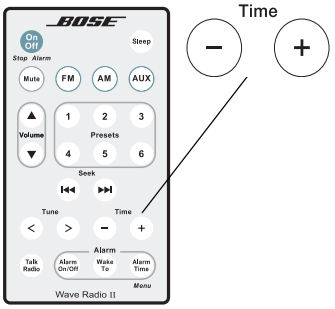
1. Insert the small end of the power cord into the connector labeled **AC POWER** on the rear panel of your Wave® radio II.
2. Plug the power cord into an electrical outlet.



**3.** Unwind and straighten the power cord to ensure the best FM reception. Your Wave® radio II uses the power cord as an FM antenna.




## Setting the clock




After plugging in your Wave® radio II, set the clock using the remote. Your Wave® radio II is easily operated using the remote control. Just aim the remote at the front panel and press the buttons.

**1.** Press and hold **Time –** or **Time +** for one second until **– CLOCK SET –** appears on the display.

**2.** Press **Time –** to adjust the displayed time backward or press **Time +** to adjust the displayed time forward until it matches the current time. You can also press and hold for rapid adjustment.

**3.** Wait five seconds for the system to exit the clock setup mode automatically.

To change the clock display from 12-hour (AM/PM) time to 24-hour (Military) time, see “Changing the clock time format” on page 18.

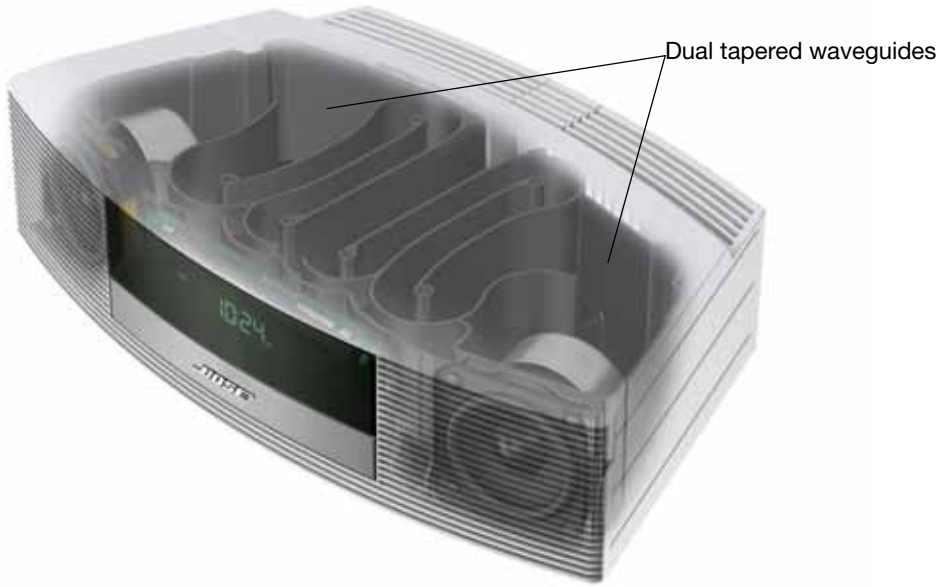
♪ ***Note:*** *In the event that the Wave® radio II loses power, the clock time and other system settings are stored in backup memory for up to 48 hours. This feature retains the systems settings when you unplug and move the unit or when a power outage occurs.*

♪ ***Note:*** *Press-and-hold operations require holding the button down for at least one second.*

## Introduction

Thank you for purchasing the Bose® Wave® radio II, an elegant way to bring high quality sound into any room.

Over fourteen years of research by Bose Corporation brings you the benefits of award-winning patented acoustic waveguide speaker technology. Using this technology, a tube efficiently transfers energy from a small speaker to the outside air over a wide range of low frequencies. And, long waveguides, folded into intricate patterns, fit into products small enough to be placed comfortably in your home. Your Wave® radio II features new dual tapered waveguide speaker technology, connecting two speakers to two 26" tapered waveguides which combine to produce unprecedented instrument timbre from a system this size.




## Special Features

### Alarm settings let you wake to your favorite radio station

You can set your Wave® radio II to wake to your favorite radio station. For more details, see “Selecting a radio station to wake to” on page 11.

### The setup menu allows you to personalize system operation

Factory system settings have been set to satisfy most owners. If you wish to change the settings, see “Personalizing Your Wave® Radio II” on page 17.

The setup menu allows you to change the following system settings to your liking:

- Snooze time
- Clock time format (12- or 24-hour)
- Display brightness level
- Bose® link room code
- Reset to factory settings

## Remote control operating guide

Your Wave® radio II is easily operated using the remote control. Just aim the remote at the front panel and press the buttons. The remote normally works within 20 feet of the front panel.

Throughout this owner's guide you will see button icons to the left of the operating instructions. These icons refer to buttons located on the remote control.

♪ ***Note:*** *Press-and-hold operations require holding the button down for at least one second.*

♪ ***Note:*** *Pressing* **FM, AM** *or* **AUX** *automatically turns on the Wave® radio II to the source selected.*

**On/Off (*Stop Alarm*)**
- Turns the power on or off (page 8).
- Stops a sounding alarm (page 12).

**Mute**
- Press to silence audio (page 8).
- Press again to restore audio.

**Volume**
- Turns volume up or down (page 8).

**Seek**
- *Press:* Finds the next radio station with a strong signal (page 9).
- *Press and hold:* Rapidly moves forward/backward through radio frequencies with a strong signal (page 9).

**Tune**
- *Press:* Skips to next/previous radio frequency (page 9).
- *Press and hold:* Rapidly moves forward/backward through radio frequencies (page 9).

**FM**
- Turns on the radio to FM (page 9).

**AM**
- Turns on the radio to AM (page 9).

**Sleep**
- Snoozes a sounding alarm (page 12).
- Sets unit to shut off automatically after 10-90 minutes (page 8).

**AUX**
- Press to hear audio from an external source connected to the AUX IN input (page 15).

**Presets**
- *Press:* Recalls a stored radio station (page 10).
- *Press and hold:* Stores a radio station for quick recall (page 10).

**Time**
- Sets clock time (page 5).
- In Alarm Set mode, sets alarm time (page 11).

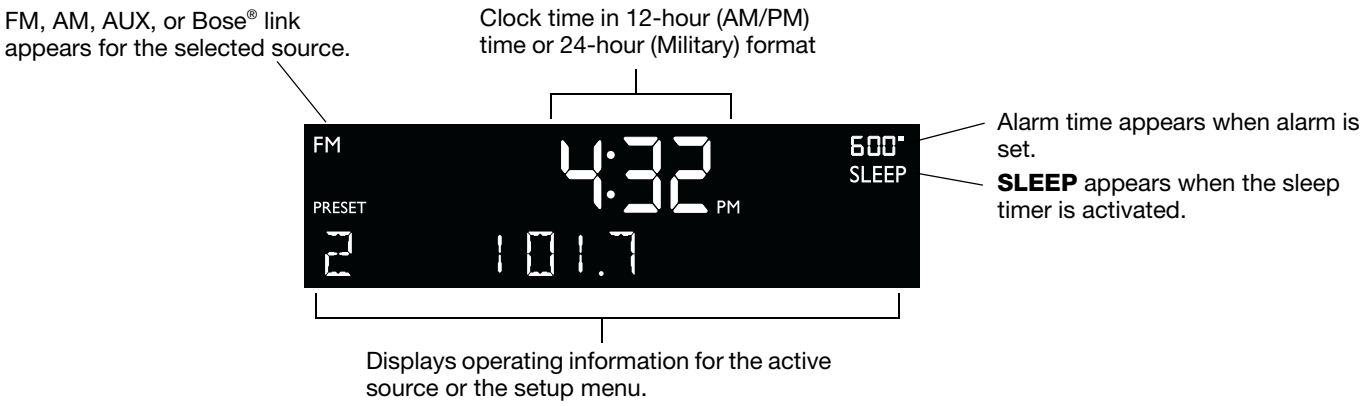
**Alarm Time**
- *Press once:* Enters alarm time setup mode (page 11).
- *Press and hold:* Enters the setup menu (page 17).

**Talk Radio**
- Turns TALK RADIO mode on or off for AM or FM (page 10).

**Alarm On/Off**
- Turns alarm on or off (page 12).

**Wake To**
- *Press and hold:* Sets alarm to wake you to your chosen radio station (page 11).

## Reading the display




## Turning the Wave® radio II on and off

On Off

Press **On/Off** once to turn the Wave® radio II on or off. The Wave® radio II turns on to the last source played.

OR

FM AM AUX

Press any source button to turn the Wave® radio II on to that source. Pressing the **AUX** does not turn on an auxiliary source (such as your TV), so turn that on first.

## Controlling the volume

▲ Volume ▼

Press and hold **Volume** ▲ or ▼ to adjust the volume level. **VOLUME - 0** (silent) to **99** (loud) appears on the display to indicate the level.

Mute

Press **Mute** to silence the Wave® radio II. Press **Mute** again, or press **Volume** ▲ to unmute. To lower the volume before unmuting, press **Volume** ▼ while muted.

♪ ***Note:*** *When the Wave® radio II is off, the volume can only be adjusted between 10 and 75.*

## Setting up automatic shutoff (Sleep)

Sleep

Press **Sleep** to set the Wave® radio II to shut off automatically after a selected period of time.

- After pressing **Sleep, SLEEP - 30 MIN** appears on the display and the sleep timer begins counting down. If your Wave® radio II is off, press **Sleep** to turn it on and immediately set the sleep time. The last source selected will start playing as the sleep timer counts down.
- While the **SLEEP** setting is displayed, press **Sleep** again to set the sleep timer to 10-90 minutes (in 10-minute increments) or OFF.

♪ ***Note:*** *While in sleep timer setup mode, if more than 10 seconds elapses between button presses, the Wave® radio II will automatically exit the sleep timer setup mode.*

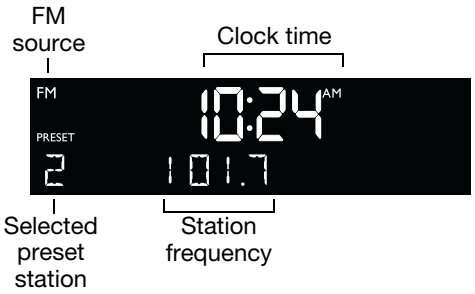
- To review the remaining sleep time, press **Sleep**.
- To cancel the sleep timer, press **On/Off**.

## Turning the radio on

FM AM

Press **FM** or **AM** to turn on the radio to the FM or AM station last selected. Press **FM** or **AM** again to switch between FM and AM.

- When the radio is playing, radio station information is displayed:




## Tuning the radio

FM

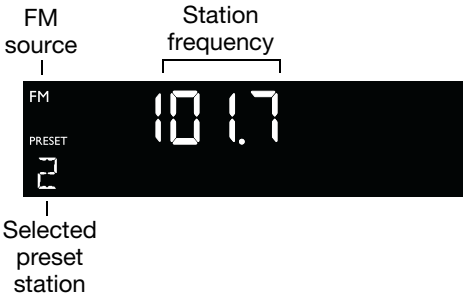
Press **FM** to switch to FM.

AM

Press **AM** to switch to AM.

***Display while tuning***

When you press **FM**, **AM**, **Seek**, or **Tune** to tune to a radio station, the frequency appears in the center of the display while you are tuning.




Seek

Press **Seek** ⏮ to find a lower frequency station with a strong signal; press **Seek** ⏭ to find a higher frequency station with a strong signal.

Tune

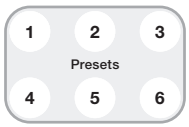
Press **Tune <** to manually tune to a lower frequency; press **Tune >** to manually tune to a higher frequency.

Press and hold **Tune <** to move rapidly down through the frequency band; press and hold **Tune >** to move rapidly up through the frequency band.

♪ ***Note:*** *Five seconds after releasing* **FM**, **AM, Tune**, *or* **Seek**, *the clock time returns to the center of the display and the radio frequency appears below it.*

♪ ***Note:*** *If AM reception is weak, rotate your Wave® radio II clockwise or counterclockwise to improve AM reception. If FM reception is weak, make sure the power cord is straightened as much as possible. To improve FM reception, you can install an external FM antenna. See "Connecting an external FM antenna" on page 13.*

## Storing a radio station to memory (Presets)




You can store up to six FM and six AM radio stations for quick recall using the **Presets** buttons.

1. Tune to the station you want to save as a preset.
2. Press and hold one of the six **Presets** buttons until you hear a double beep and the preset number and station frequency appear on the display.
3. Press one of the **Presets** buttons to quickly tune to a previously stored FM or AM station.

***Note:*** *Storing a preset will replace any station previously stored to that preset number.*

***Note:*** *During a power outage, stored presets are saved in a backup memory.*

## TALK RADIO mode

Talk radio broadcasts can be greatly affected by either the microphone selection or the boosting of low frequencies by some radio stations. They do so in an attempt to improve speech when heard through conventional radios. In high-quality audio products, this results in sound that is unnatural or bass heavy. By selecting the TALK RADIO mode, your Wave® radio II automatically adjusts to compensate for artificially boosted low frequencies.

When the radio is playing, press **Talk Radio** twice to turn the TALK RADIO mode on or off.

When on, **TALK RADIO– ON** is displayed. When off, **TALK RADIO– OFF** is displayed.

***Note:*** *The TALK RADIO setting is automatically cancelled when you tune to another station, switch to another source, or turn your Wave® radio II off.*

## Setting the alarm

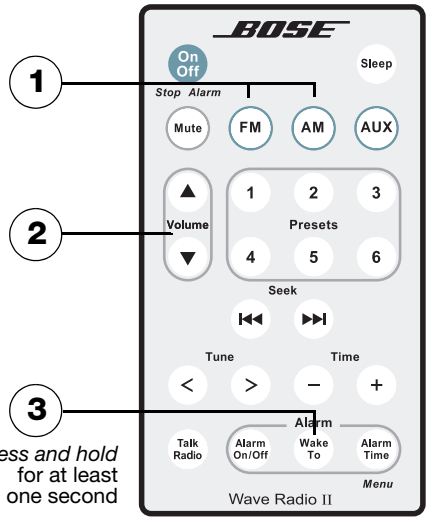
### Selecting a radio station to wake to

1. Turn on your Wave® radio II and select the radio station you would like to wake to.

2. Adjust the volume to the level you would like to wake to.

Wake To

3. Press and hold **Wake To** until you hear a double beep. Your alarm is now set to wake you to your chosen radio station.




### Setting the alarm time

Alarm Time

1. Press **Alarm Time** to enter the alarm time setup mode. The alarm time is displayed in the center of the display and flashes in the upper right corner.

Time

– +

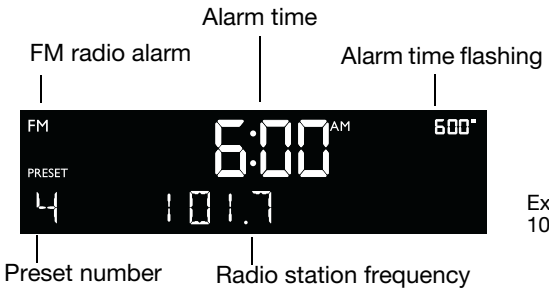
2. Press **Time –** or **Time +** to set your wake-up time.

Alarm Time

3. Press **Alarm Time** again. Your alarm time is now set.

♪ ***Note:*** *While in alarm time setup mode, if more than 10 seconds elapses between button presses, the Wave® radio II will automatically exit the alarm time setup mode.*

♪ ***Note:*** *To confirm the alarm time and Wake To settings, press* **Alarm Time***. Alarm time and Wake To settings will be displayed for 10 seconds.*




Example: Alarm is set to play radio station Preset 4, 101.7 FM, at 6:00 A.M.

## Using the alarm

### Stopping a sounding alarm

*Stop Alarm*

Press **On/Off (*Stop Alarm*)** to stop a sounding alarm and reset it for the next day.

### Turning alarm on and off

Press **Alarm On/Off** to turn alarm on or off. It's on when the alarm time is displayed in the upper right-hand corner. It's off when the alarm time is not visible in the upper right-hand corner of the display.

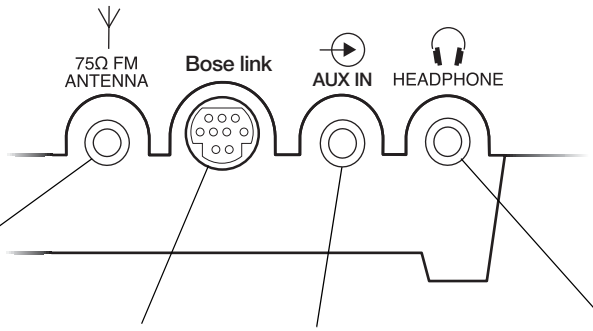
### Snoozing an alarm

Press **Sleep** to snooze a sounding alarm.

During the snooze time, **SNOOZE** is displayed. After the snooze time expires, the alarm sounds again. Pressing **Sleep** again will silence the alarm again for another 10 minutes. (Factory default is 10 minutes for the snooze time. See "Adjusting the snooze time" on page 18.

## Rear panel input/outputs

The rear panel of your Wave® radio II provides connections for external equipment.




**EXTERNAL 75Ω FM ANTENNA**
A 3.5 mm (1/8") FM antenna connector.

**Bose® link connector**
Connects to Bose® link-enabled Lifestyle® systems.

**AUX IN**
A 3.5 mm (1/8") stereo input connector for connecting external sources.

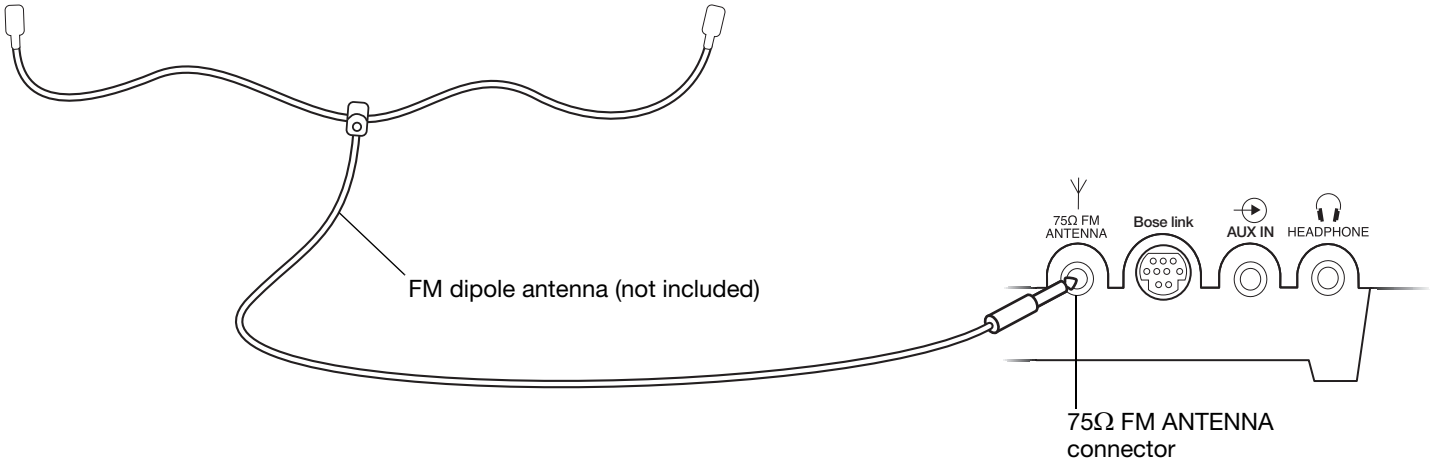
**HEADPHONE**
A 3.5 mm (1/8") stereo headphone connector. The Wave® radio II speakers are muted when headphones are connected.

## Connecting an external FM antenna

The Wave® radio II power cord includes a built-in FM antenna. If, after adjusting the position of the power cord, you still experience poor reception, you may need to use an external FM antenna. An external FM dipole antenna can be ordered through Bose Customer Service. See the phone numbers listed inside the back cover of this guide.

***To connect an external FM antenna:***

- Plug the 3.5 mm (1/8") plug of the FM antenna into the **75Ω FM ANTENNA** connector on the rear panel of your Wave® radio II.
- Extend the ends of the antenna to establish optimum FM reception.
- Extend the ends of the antenna as far from the unit and other external equipment as possible to establish optimum reception.



## Connecting your Wave® radio II to a Lifestyle® system

You can use your Wave® radio II as a multi-room expansion speaker system for a Bose® link-enabled Lifestyle® home entertainment system.

Contact Bose Customer Service to obtain the required cables and instructions. See the phone numbers listed inside the back cover of this guide. See page 19 to set the room code

## Using headphones

For private listening, connect headphones to the headphone connector on the rear panel of the Wave® radio II.

- The speakers are automatically muted when you plug in your headphones.

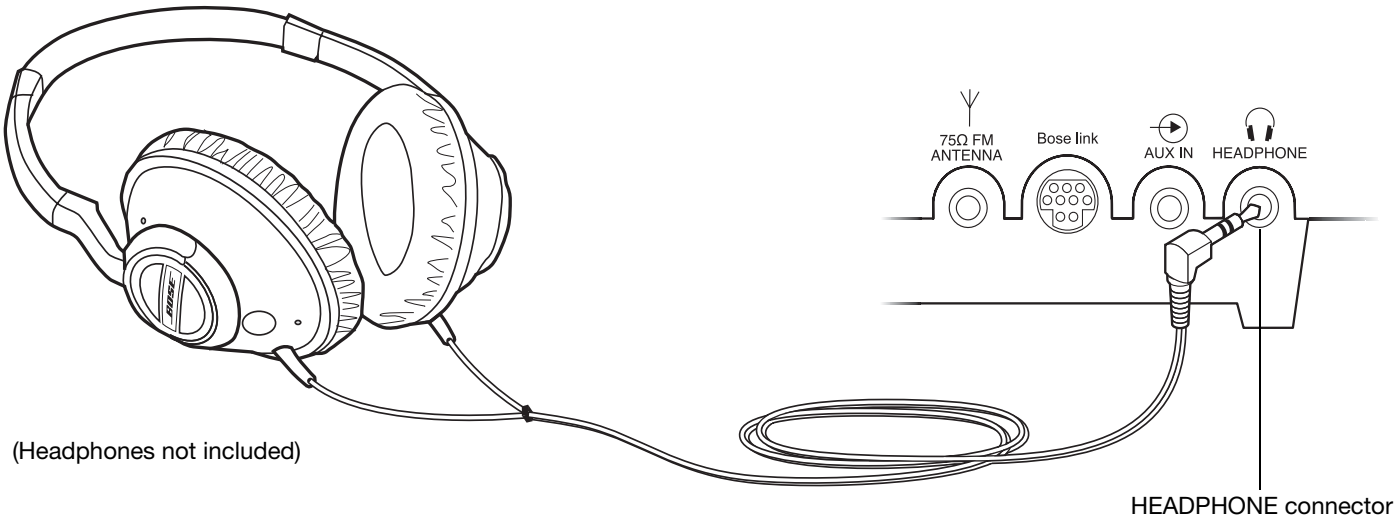
⚠ ***CAUTION:*** *Long-term exposure to loud music may cause hearing damage. It is best to avoid extreme volume when using headphones, especially for extended periods.*

♪ ***Note:*** *The speakers will automatically unmute when headphones are disconnected from the Wave® radio II. Because, headphone volume levels may vary from speaker volume levels, be sure to lower the volume of the Wave® radio II before connecting or disconnecting headphones.*

♪ ***Note:*** *If an alarm sounds while using headphones, it will sound through the Wave® radio II speakers.*

### Changing the volume level of headphones

Press **Volume** ▲ or ▼ to adjust the listening level of your headphones.

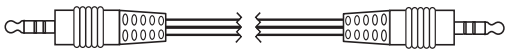


## *Using your Wave® radio II with other audio equipment*

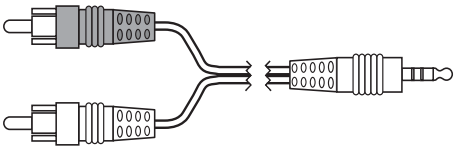
When using a TV, VCR, computer, video game or cassette tape player, you can enhance your listening experience by playing the audio device through your Wave® radio II.

Connecting an audio device to your Wave® radio II, requires one of the following cables:

- Male-to-male 3.5 mm (1/8") stereo cable



- Dual RCA male to 3.5 mm (1/8") male stereo cable



To obtain the correct cable, contact Bose® Customer Service or visit a local electronics store. See the phone numbers listed inside the back cover of this guide.

***To connect an audio device, such as your TV, to your Wave® radio II:***

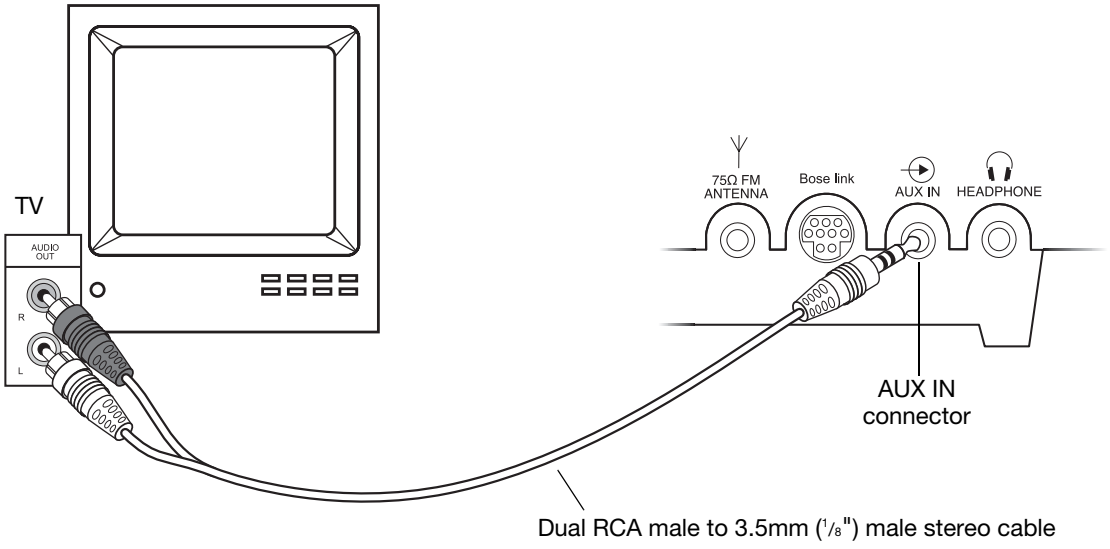
1. Connect one end of the stereo cable to the output of the audio device.
2. Connect the other end of the cable to the **AUX IN** connector on the rear panel of your Wave® radio II.

3. Turn on your Wave® radio II and the audio device.

4. Press **AUX.**

5. Press and hold **Volume** ▲ or ▼ to adjust the listening level.

♪ ***Note:*** *If the volume level of your Wave® radio II cannot be adjusted high enough, try to increase the volume level of the connected audio device.*



## Personalizing Your Wave® Radio II

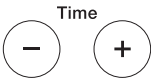
Factory defaults have been set to satisfy most owners.
However, if you wish to adjust the system settings see
the instructions on pages 17 to 20.

## The setup menu

The setup menu allows you to customize the operation of the Wave® radio II.

**1.** Press and hold **Alarm Time (Menu)** until **-SETUP MENU-** is displayed.

**2.** Press **Tune >** until the menu item you want to change is displayed.




**3.** Press **Time –** or **Time +** to change the value or selection.

**4.** Press **Alarm Time (Menu)** to exit the setup menu or wait 10 seconds for the setup menu to end automatically.

***Wave® radio II Setup Menu***

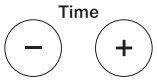
| *System Setting* | *Menu Item* | *Factory Setting* | *Choices* | *Description* |
|---|---|---|---|---|
| Snooze Control | **SNOOZE-** | **10 MIN** | **10 MIN, 20 MIN, 30 MIN, 40 MIN, 50 MIN, 60 MIN** | Determines the snooze time. |
| Clock Time Format | **TIME-** | **12 HOUR** | **12-HOUR, 24-HOUR** | Sets the clock display for 12-hour (AM/PM) or 24-hour (Military) time. |
| Display High Brightness Level | **BRIGHT HI-** | **12** | **8-15** | Sets the display brightness level when the unit detects high ambient light conditions. |
| Display Low Brightness Level | **BRIGHT LO-** | **4** | **1-8** | Sets the display brightness level when the unit detects low ambient light conditions. |
| Room Code | **ROOM-** | **B _ _ _ –** | **B _ _ _ –, C _ _ – _, D _ _ – –, E _ – _ _, F _ – _ –, G _ – – _, H _ – – –, I – _ _ _, J – _ _ –, K – _ – _, L – _ – –, M – – _ _, N – – _ –, O – – – _** | Sets the room code for your Wave® radio II when it is connected to your Lifestyle® system through a Bose® link network.<br>The dashes following the room letter indicate how the microswitches should be set on the Lifestyle® remote control. |
| System Reset | **RESET ALL-** | **NO** | **NO, YES** | Restores the Wave® radio II to factory settings. |

## Adjusting the snooze time

This setting determines the duration of time the system remains silent when the snooze function is activated.

**1.** Press and hold **Alarm Time (Menu)** until **-SETUP MENU-** is displayed.

**2.** Press **Tune >** once until **SNOOZE- 10 MIN** is displayed.




**3.** Press **Time –** or **Time +** to change the snooze time to 10-60 minutes (in 10-minute increments).

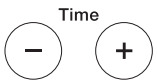
**4.** Press **Alarm Time (Menu)** to exit the setup menu or wait 10 seconds for the setup menu to end automatically.

## Changing the clock time format

You can choose to have the display show the time in 12-hour (AM/PM) or 24-hour (Military) time.

**1.** Press and hold **Alarm Time (Menu)** until **-SETUP MENU-** is displayed.

**2.** Press **Tune >** three times until **TIME-** is displayed.




**3.** Press **Time –** or **Time +** to select **12 HOUR** or **24 HOUR**.

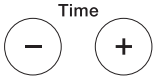
**4.** Press **Alarm Time (Menu)** to exit the setup menu or wait 10 seconds for the setup menu to end automatically.

## Adjusting the display brightness

The brightness level of the display automatically adjusts itself for low and high ambient light conditions. This feature brightens the display for better visibility in high ambient light conditions and dims the display making it less intrusive in low ambient light conditions. High and low brightness settings can be set independently.

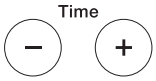
**1.** Press and hold **Alarm Time (Menu)** until **-SETUP MENU-** is displayed.

**2.** Press **Tune >** four times until **BRIGHT HI-** is displayed.




**3.** Press **Time –** or **Time +** to set the high display brightness level to a value from 8-15.

**4.** Press **Tune >** once until **BRIGHT LO-** is displayed.




**5.** Press **Time –** or **Time +** to set the low display brightness level from 1-8.

**6.** Press **Alarm Time (Menu)** to exit the setup menu or wait 10 seconds for the setup menu to end automatically.

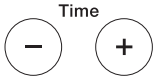
## Setting the room code

Your Wave® radio II comes from the factory ready to operate as a second room (room code B) when connected to a Bose® link enabled Lifestyle® system. If you want to use your Wave® radio II with your Lifestyle® system beyond a second room you will need to change the room code to match that of the remote control you are using for that room.

Refer to your Lifestyle® system owner's guide for more information on room codes.

**1.** Press and hold **Alarm Time (Menu)** until **-SETUP MENU-** is displayed.

**2.** Press **Tune >** six times until **ROOM- B _ _ _ ¯** is displayed. The dashes following the room letter indicate how the microswitches should be set on the Lifestyle® remote control.




**3.** Press **Time –** or **Time +** to select a room code other than room B.

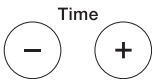
**4.** Press **Alarm Time (Menu)** to exit the setup menu or wait 10 seconds for the setup menu to end automatically.

## Performing a system reset

If you wish, you can restore your Wave® radio II to the original factory settings.

1. Press and hold **Alarm Time (Menu)** until **-SETUP MENU-** is displayed.

2. Press **Tune >** seven times until **RESET ALL- NO** is displayed.




3. Press **Time –** or **Time +** to change **RESET ALL- NO** to **RESET ALL- YES**.

4. When **PRESS 2 TO CONFIRM** appears on the display, press **Presets** button **2**. When the reset is complete, **DEFAULTS RESET** is displayed.

5. Press **Alarm Time (Menu)** to exit the setup menu or wait 10 seconds for the setup menu to end automatically.

## Cleaning

Use only a soft dry cloth to clean the enclosure of your Wave® radio II. If necessary, you may use a soft-bristled attachment to gently vacuum the front of the enclosure. Do not use any liquid cleaning solutiuons, solvents, chemicals, alcohol, ammonia, or abrasives.

⚠ ***CAUTION:*** *Do not allow liquids to spill into any openings in the enclosure. If liquids get into the unit, turn it off immediately. Call Bose® Customer Support as soon as possible to arrange for service. See the list of phone numbers inside the back cover.*

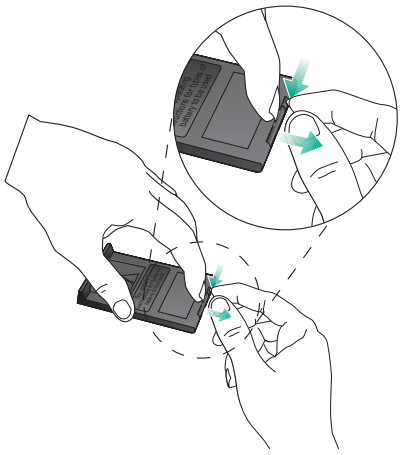
## Replacing the remote control battery

⚠ ***WARNING:*** *Keep the remote control battery away from children. It may cause a fire or chemical burn if mishandled. Do not recharge, disassemble, heat above 212ºF (100ºC), or incinerate. Dispose of a used battery promptly. Replace only with a battery of the correct type and model number.*

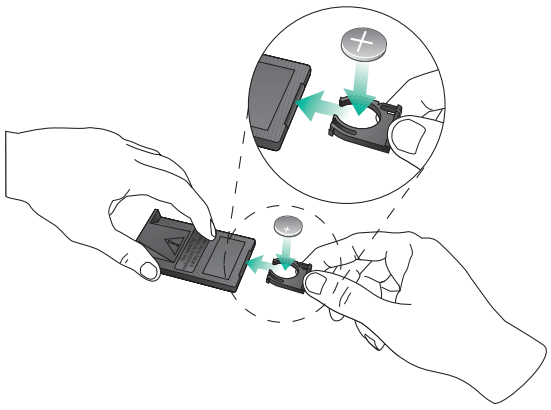
⚠ ***CAUTION:*** *Danger of explosion if battery is incorrectly replaced. Replace only with Duracell, Eveready, Energizer, Maxell, Toshiba, or Shun Wo CR2032 or DL2032, 3-volt Lithium battery.*

To replace the remote battery:

1. Place the remote face down on a flat surface.
2. Using your finger, push the tab lock to the side as shown and hold. Slide the battery compartment open.



3. Remove the old battery and install the new one with the plus (+) symbol facing up.



4. Gently slide the battery compartment closed. It locks automatically

## Troubleshooting

| *Problem* | *What to do* |
|---|---|
| System does not function | • Make sure the power cord is fully plugged into an operating electrical outlet.<br>• Press **On/Off** to see if the display lights. |
| No sound | • Turn the volume up.<br>• Disconnect headphones.<br>• Check connections for an auxiliary source.<br>• Press **AUX** to listen to an external source connected to the **AUX IN** input.<br>• Make sure the external source is turned on. |
| Remote control is inconsistent or does not work | • Operate the remote control closer to the unit.<br>• Check that the remote control battery is installed with positive (+) polarity facing up.<br>• Replace the remote control battery.<br>• Check for interference from room lighting, sunlight, or dust or dirt on lens.<br>• Try the unit in a different location. |
| AM reception is weak | • Adjust the internal antenna by rotating the unit slightly one way and then the other.<br>• Move the unit farther from a TV, refrigerator, fluorescent lamps, halogen lamps, dimmer switches, or other electronic equipment that generates electrical noise.<br>• If neither suggestion works, you may be in an area of weak AM signal coverage. |
| FM reception is weak | • Extend the power cord as much as possible. The power cord acts as an FM antenna.<br>• Try an external antenna. Call Bose® Customer Service to order an external FM antenna. |

## Customer service

If you lose your remote, additional remotes are available from Bose® Customer Service. For additional help in solving problems, contact Bose Customer Service. See the phone numbers listed inside the back cover of this guide.

## Limited warranty

Your Bose Wave® radio II is covered by a limited transferable warranty. Details of the limited warranty are provided on the product registration card that is included in the carton. Please complete the information section on the card and mail it to Bose. Failure to do so will not affect your limited warranty rights.

## Technical information

### AC power rating

120V~ 50/60Hz 60W

### Dimensions

14.6" W x 8.6" D x 4.2" H (36.8 cm x 21.9 cm x 10.6 cm)

### Weight

8.7 lb (3.9 kg)

### A

AC power 4
AC power rating 22
acoustic waveguide 6
alarm volume level 11
alarms, using the 12
AM 9
AM reception 22
AM/PM (12-hour) time 5, 17, 18
ambient light conditions 17, 19
audio device, connecting 15
audio equipment, other 15
automatic shutoff (Sleep) 8
AUX IN connector 13, 15
auxiliary source 8, 22

### B

backup memory 5, 10
battery replacement 21
Bose® link 13, 14, 17, 19
brightness level 17, 19

### C

cleaning 21
clock display 8
clock setup mode 5
clock time 5, 8
clock time format 5, 18
clock, setting the 5
computer 15
connecting other equipment 13
connections 22
customer service 22
customizing operation 17

### D

dimensions 22
dimmer switches 22
dipole antenna 13
display 8, 11, 22
display brightness 17, 19

### E

electrical noise 22
electrical outlet 22
external equipment 13
external FM antenna 9, 13, 22
external source 13, 22

### F

factory settings 6, 17, 20
factory snooze time setting 12
fluorescent lamps 22
FM 9
FM antenna 5, 13, 22
FM reception 5, 9, 13, 22
FM source 9
frequency band 9

### H

halogen lamps 22
headphones 13, 14, 22
help in solving problems 22

### I

internal antenna 22

### L

Lifestyle® systems 13, 14, 17, 19
listening level 14, 15
listening to FM/AM radio 9
location, selecting a 4

### M

military (24-hour) time 5, 17, 18
multi-room expansion 14

### N

no sound 22

### O

operating information 8

### P

personalizing 17
poor reception 13
power 4
power cord 4, 5, 9, 13, 22
power outage 5, 10
preset number 10
presets 10
press and hold operations 7

### Q

quick recall 10

### R

radio alarm 11
radio frequency 9
radio station 9, 10
rapid adjustment 5
rear panel 13, 14, 15
refrigerator 22
registration card 22
remote control 7
remote control battery 21, 22
restore audio 7
room code, setting 17, 19

### S

second room 19
setting alarm 11
setup menu 17, 19
shipping carton 4
sleep timer setup mode 8
snooze 12
snooze control 17
snooze time 12, 18
sounding alarm 12
station frequency 9, 10
stereo cable 15
stereo headphone connector 13
stereo input connector 13
stopping a sounding alarm 12
stored presets 10
storing a radio station 10
system operation 6
system reset 20
system settings 6, 8, 17, 18, 19, 20
system setup mode 20

### T

talk radio broadcasts 10
TALK RADIO mode 10
tapered waveguide 6
technical information 22
time increment 18
troubleshooting 22
tuning the radio 9
turning alarm on and off 12
turning the radio on 9
TV 15, 22

### U

unpacking 4

### V

VCR 15
video game 15
volume level 8, 15, 22

### W

wake to a FM/AM radio, setting 11
wake-up time 11
warranty 22
waveguide speaker technology 6
weak AM reception 22
weak FM reception 22
weak reception 9
weight 22

### USA Customer Support

Bose Corporation, The Mountain
Framingham, MA 01701-9168
1-800-367-4008

### USA Customer Service

Bose Corporation, 1 New York Ave.
Framingham, MA 01701-9168
1-508-766-1900

### Canada Customer Support

Bose Ltd., 1-35 East Beaver Creek Rd.
Richmond Hill, Ontario L4B 1B3
1-800-465-2673

### European Office

Bose Products B.V., Nijverheidstraat 8
1135 GE Edam, Nederland
TEL 0299-390111
FAX 0299-390114

### Australia

Bose Pty Limited,
Unit 3, 2 Holker Street,
Newington NSW, 2127
TEL +61 (0)2 8737 9999
FAX +61 (0)2 8737 9924

### Deutschland

Postfach 1468
48504 Nordhorn
TEL 0130-2673555
FAX 05921-724250

### France

6, Rue Saint Vincent
78100 Saint Germain en Laye
TEL 01-3061 6363
FAX 01-3061 4105

### Nederland

Bose B.V., Nijverheidstraat 8
1135 GE Edam, Nederland
TEL 0299-390111
FAX 0299-390114

### United Kingdom Customer Support

Freepost EX 151
Exeter EX1 1ZY
TEL 0800 614 293
FAX 0870 240 2013

### Bose China

Bose Electronics (Shanghai Co., Ltd)
2203-2205 22F, West Gate Tower
1038 West Nanjing Road
MeiLongzhen Plaza
Shanghai 200041,
Peoples Republic of China
TEL 86 21 62713800

### Bose Hong Kong

Bose Limited
Suite 2410-11 Shell Tower
Times Square
1 Matheson Street
Causeway Bay, Hong Kong
TEL 852 2110 3330

### Bose Taiwan

Worldwide House
Room 905, Floor 9
131 Min Sheng East Road
Section 3
Taipei, Taiwan
TEL 886 2 2514 7676

### Bose India

Bose Corporation India Private Limited
4th Floor, Shriram Bhartiya Kala Kendra
1 Copernicus Marg
New Delhi 110 001,
India
TEL 91 11 2307 3825 / 26 /27
India Toll Free: 1600 11 2673
Website: www.boseindia.com

### Atlas Hi-Fi Pte. Ltd.

68 Orchard Road
#03-19/21 Plaza Singapura
Singapore 238839,
Republic of Singapore
TEL 65-6-339-0966

### The Asavasopon Co. Ltd.

50-52 Siphya Road
Mahaprudtharam, Bangrak
Bangkok 10500,
Thailand
TEL 66-2-234-6467

### PT Audio Pratama

JL. Lodan Raya No. 1
Block CO/CN
Jakarta 14430,
Indonesia
TEL 62-21-659-8719

### CSI Corporation

Seki Building
23, 2-Ga Namsan-Dong
Joong-Gu
Seoul 100-042,
South Korea
TEL 82-2-344-635-114

### Eleksis Marketing Corporation

269 Connecticut Street
Greenhills East
Mandaluyong City
Metro Manila 1550,
Philippines
TEL 63-2-724-9566

### G&M International L.L.C.

P.O. Box 1229
Dubai
United Arab Emirates
TEL 971-4-2669-000

### Sound Imports

Shop 40
The Mall of Rosebank
Cradock Avenue
Rosebank 2196,
South Africa
TEL 27-11-880-1933

### World Wide Web

www.bose.com

BOSE®

Better sound through research®

©2005 Bose Corporation, The Mountain,
Framingham, MA 01701-9168 USA
282989 AM Rev.00 CCM-001471