

JBL

*Harmony*TM



simple setup guide

thank you...

for choosing JBL. For more than fifty years, JBL has been involved in every aspect of musical and film recording and reproduction, from live performances to monitoring the recordings you play in your home, car or office.

We're confident that the **JBL system** you have chosen will provide every note of enjoyment that you expected – and that when you think about purchasing additional audio equipment for your home, car or office, you will once again choose JBL.

Please take a moment to complete the enclosed profile card. It enables us to keep you posted on our latest advancements, and helps us to better understand our customers and to build products that meet their needs and expectations.

JBL Consumer Products

table of contents

Safety Precautions	3	4. Tuner Operation	8
1. Getting Started	4	To Switch Between AM and FM	8
What's Included	4	To Tune to a Particular Station	8
Connect Antennas to Harmony	4	To Set Up to 8 AM and 8 FM Stations in Memory	8
Connect AC Cord	4	To Have the Tuner Search for the Next Strong Station	8
Remote-Control-Battery Installation	4	If a Selected FM Station Is a Little Noisy	8
2. Operation	5	5. Clock and Alarm Operation	9
To Turn Harmony On	5	Setting the Clock	9
Volume	5	To Change the Clock to a 24-Hour Display	9
Mute	5	To Set Alarms	9
3. CD Operation	6	To Turn on Alarms	10
To Skip to a Different Track	6	To Choose Which Music Source Is Turned On	10
To Scan Within the Same Track	6	When the Alarm Activates	10
To Pause the CD	6	To Turn Off Activated Alarm	10
To Stop the CD	6	6. Additional Features	11
To Play the Tracks of a CD in Random Order	6	Additional Remote Functions – Sleep	11
To Repeat the Disc	6	Additional Remote Functions – Display	11
		Auxiliary Input	11
		Connect Cassette Deck, TV or Hi-Fi VCR to Harmony	11
		Specifications	12

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: To prevent electric shock, do not remove the grounding plug on the power cord, or use any plug or extension cord that does not have a grounding plug provided. Make certain that the AC outlet is properly grounded. Do not use an adapter plug with this product.

For more information on electrical safety, see the enclosed safety manual. For more information on electrical safety, see the enclosed safety manual. For more information on electrical safety, see the enclosed safety manual.

1. Read Instructions. All the safety and operating instructions should be read before the product is operated.

2. Retain Instructions. The safety and operating instructions should be retained for future reference.

3. Heed Warnings. All warnings on the product and in the operating instructions should be adhered to.

4. Follow Instructions. All operating and use instructions should be followed.

5. Cleaning. Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

6. Attachments. Do not use attachments not recommended by the product manufacturer, as they may cause hazards.

7. Water and Moisture. Do not use this product near water – for example, near a bathtub, wash bowl, kitchen sink or laundry tub; in a wet basement; or near a swimming pool; and the like.

8. Accessories. Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

9. A Product and Cart Combination Should Be Moved with Care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn.



10. Ventilation. Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.

11. Power Sources. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.

12. Grounding or Polarization. This product may be equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

13. Power-Cord Protection. Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.

14. Nonuse Periods. The power cord of the product should be unplugged from the outlet when left unused for long periods of time.

15. Outdoor Antenna Grounding. If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSINFP4 70, provides information with regard 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 grounding electrode. See Figure 1.

16. Lightning. For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges.

17. Power Lines. An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits, as contact with them might be fatal.

18. Overloading. Do not overload wall outlets, extension cords, or integral convenience receptacles, as this can result in a risk of fire or electric shock.

19. Object and Liquid Entry. Never push objects of any kind into this product through openings, as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

20. Servicing. Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

21. Damage Requiring Service. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- a. The power-supply cord or the plug has been damaged; or
- b. Objects have fallen onto, or liquid has been spilled into, the product; or
- c. The product has been exposed to rain or water; or
- d. The product does not operate normally when following the operating instructions. Adjust only those controls that are covered by the operating instructions, as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation; or
- e. The product has been dropped or damaged in any way; or
- f. The product exhibits a distinct change in performance – this indicates a need for service.

22. Replacement Parts. When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.

23. Safety Check. Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

24. Wall or Ceiling Mounting. The product should be mounted to a wall or ceiling only as recommended by the manufacturer.

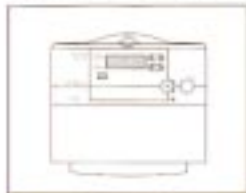
25. Heat. The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

Figure 1. Example of Antenna Grounding as per National Electrical Code, ANSINFP4 70



1. getting started

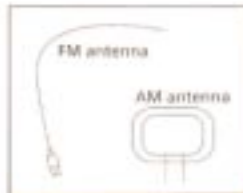
what's included



JBL Harmony.



Remote with battery.

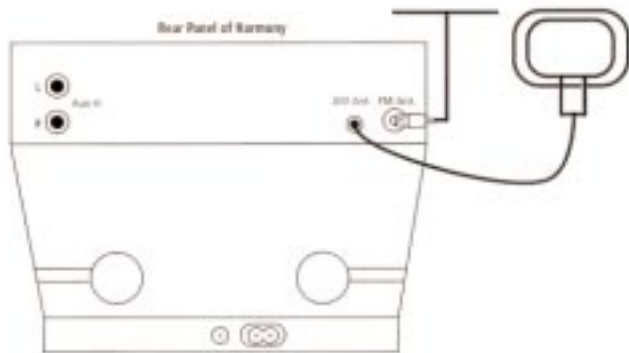


FM and AM antennas.

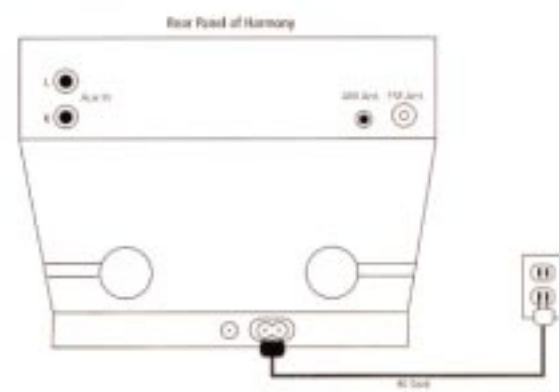


AC cord.

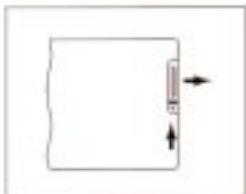
connect antennas to Harmony



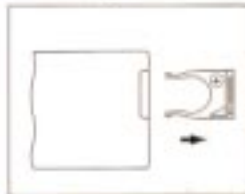
connect AC cord



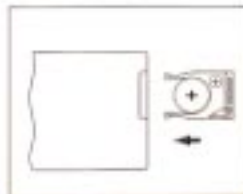
remote-control-battery installation



Push small tab toward battery slot.



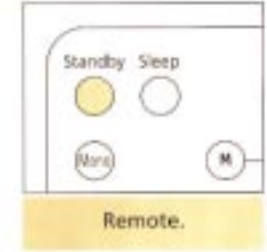
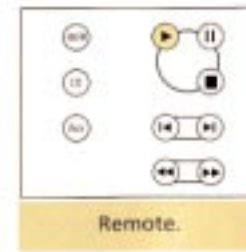
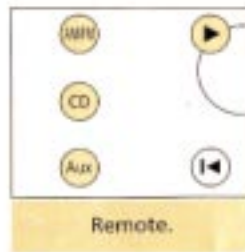
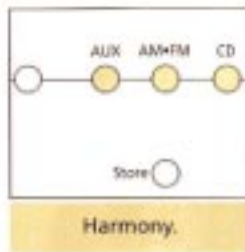
Pull battery drawer out.



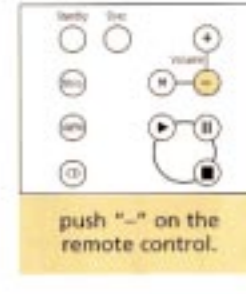
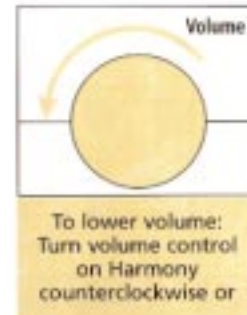
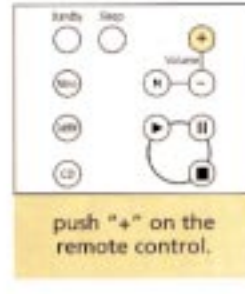
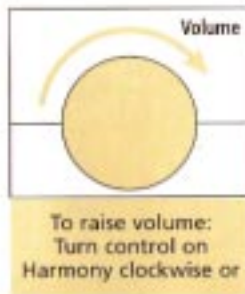
Insert new battery with "+" side up, and slide battery drawer back into remote.

2. operation

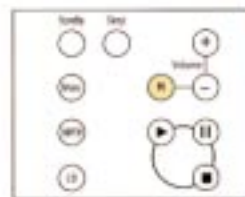
to turn Harmony on, push either "AUX," "AM/FM," "CD," "play" or "Alarm Off" on Harmony or the remote (or push "eject" on Harmony or "Standby" on remote)



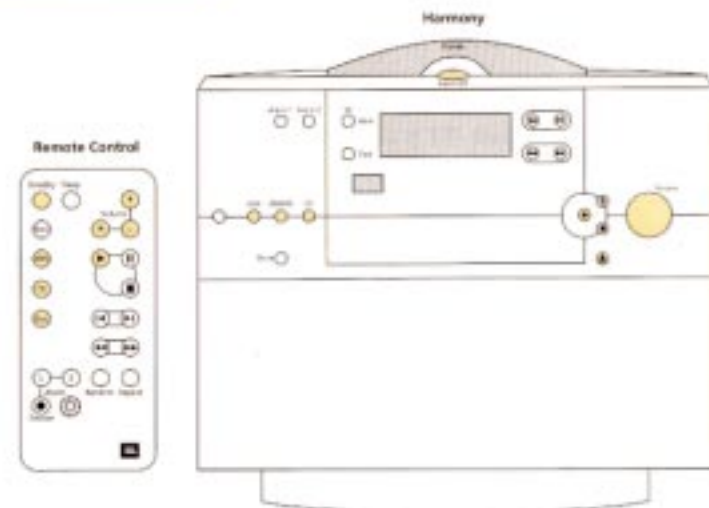
volume



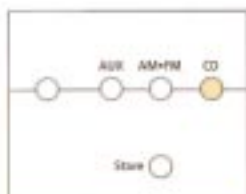
mute



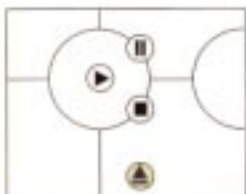
To lower volume completely:
Push "Mute" on the remote
control, causing the power
indicator to flash. When
"Mute" is pushed again,
the volume will return to its
original level.



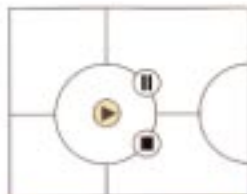
3. CD operation



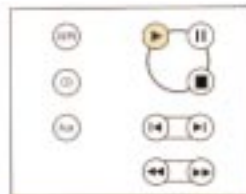
1. Push "CD" on Harmony and/or



push "Eject" on Harmony.
2. Insert CD. Gently push down until CD locks into place.

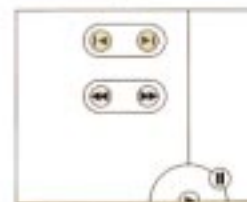


3. Push "Play" on Harmony or

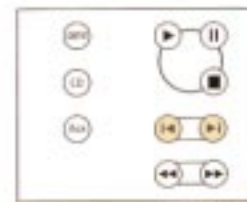


the remote control. (The drawer will close automatically.)

to skip to a different track

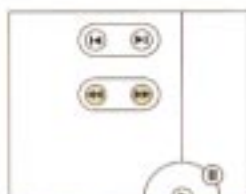


4. Push "Previous" or "Next" on Harmony or

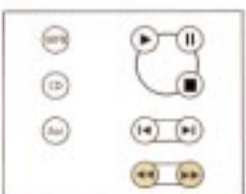


the remote control until the number of the desired track appears in the display.

to scan within the same track

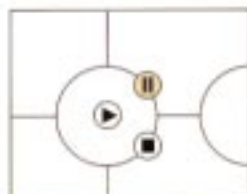


Push "Scan Forward" or "Scan Backward" on Harmony or

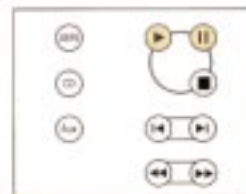


the remote control.

to pause the CD

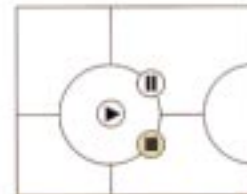


Push "Pause" on Harmony or

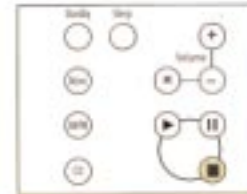


the remote control. Push "Play" to resume playing the CD.

to stop the CD

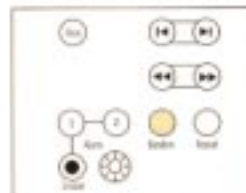


Push "Stop" on Harmony or



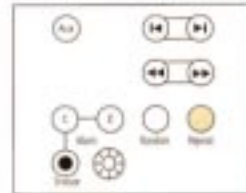
the remote control.

to play the tracks of a CD in random order



Push "Random" on the remote. Harmony will automatically delete each track it has played.

to repeat the disc

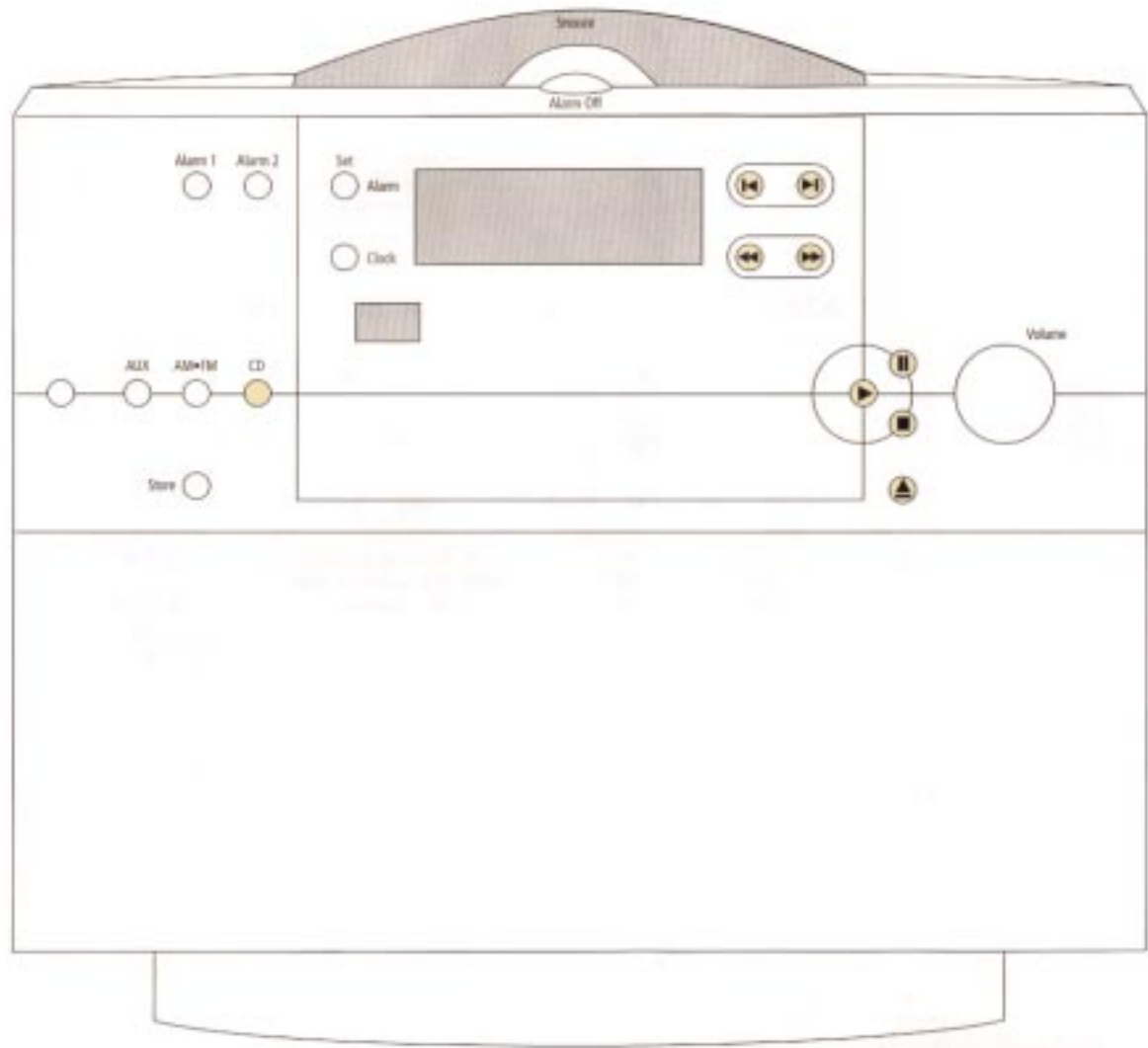
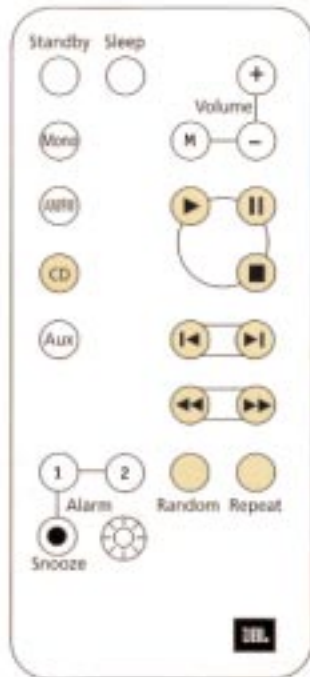


Push "Repeat" on the remote. Push "Repeat" again to repeat a single track only. The "Repeat" indicator will flash.

Note: If "Random" and "Repeat" are both engaged, the CD player will randomly play the disc, deleting all played tracks, until the disc is finished. It will then randomly play the disc again.

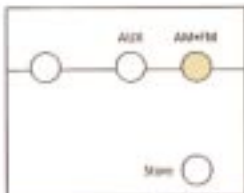
Harmony

Remote Control

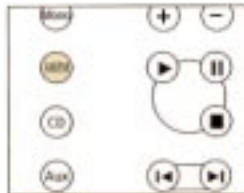


4. tuner operation

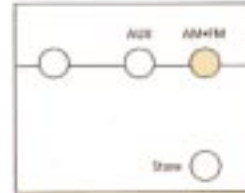
to switch between AM and FM



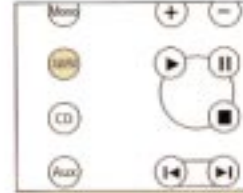
Push "AM/FM" on Harmony or



the remote control.



Push "AM/FM" on Harmony or

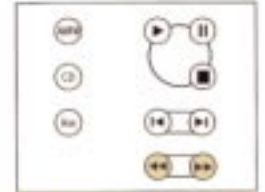


the remote control.

to tune to a particular station



Push ◀ or ▶ on Harmony or

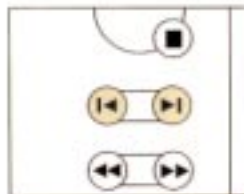


the remote control. To search rapidly, hold down the ◀ or ▶ button.

to set up to 8 AM and 8 FM stations in memory



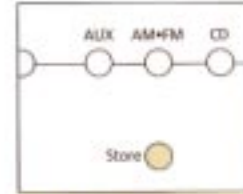
1. Push ◀ or ▶ on Harmony



or remote to choose desired preset location.

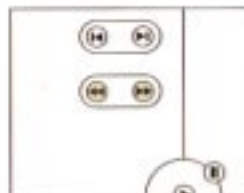


2. Tune to station that you wish to place in memory.

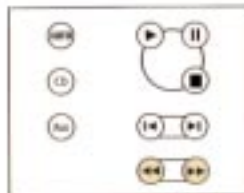


3. Push "Store" on Harmony.
4. To skip between preset stations push ◀ or ▶.

to have the tuner search for the next strong station

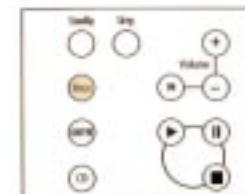


Push and hold ◀ or ▶ for one second on Harmony or

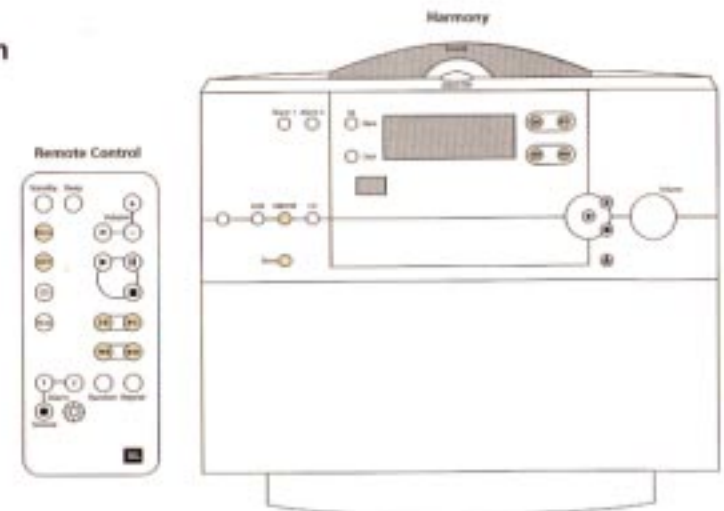


the remote. Release the button when scanning begins. The tuner will automatically advance to the next station that has a strong signal.

if a selected FM station is a little noisy

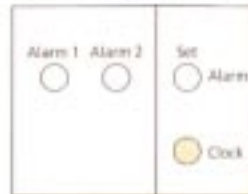


Push "Mono" on the remote. This will play the selected station without any stereo separation, but there will be much less background noise.



5. clock and alarm operation

setting the clock



1. Press and release the "Clock Set" button.

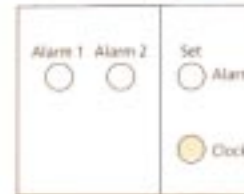


2. While "Set" is displayed, push ►► to adjust the minute.



3. Push ◀◀ to adjust the hour.

to change the clock to a 24-hour display



1. Push and release the "Clock Set" button.
 2. While "Set" is displayed, push and hold the "Clock Set" button for one second.
 3. Repeat the procedure to change back to a 12-hour display.

to set alarm 1



1. Push "Alarm Set" until "Alarm 1" flashes in the display.



2. While "Set" is displayed, push ►► to adjust the minute.



3. Push ◀◀ to adjust the hour.

to set alarm 2



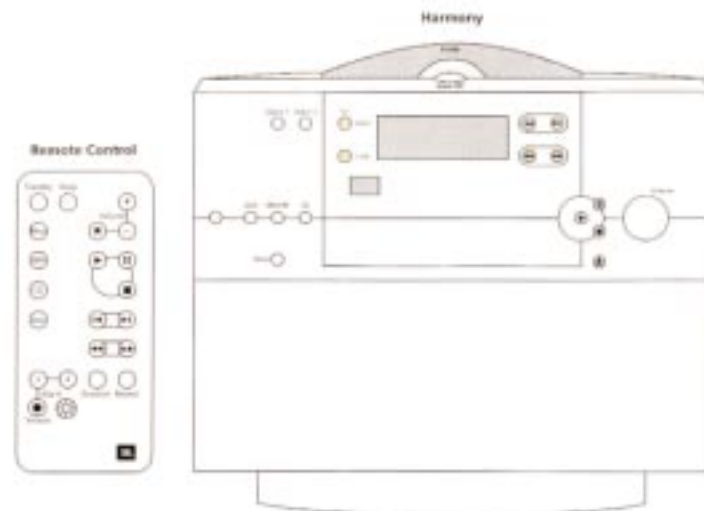
1. Push "Alarm Set" until "Alarm 2" flashes in the display.



2. While "Set" is displayed, push ►► to adjust the minute.



3. Push ◀◀ to adjust the hour.



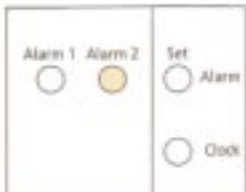
5. clock and alarm operation, cont.

to turn on alarm 1



1. Push "Alarm 1" on Harmony or the remote until the 🎵 appears in the display to wake to music or until the 🎶 appears to wake to tone alarm.
2. Push until symbols disappear to turn off the alarm.

to turn on alarm 2

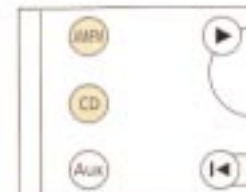


1. Push "Alarm 2" on Harmony or the remote until the 🎵 appears in the display to wake to music or until the 🎶 appears to wake to tone alarm.
2. Push until symbols disappear to turn off the alarm.

to choose which music source is turned on when the alarm activates

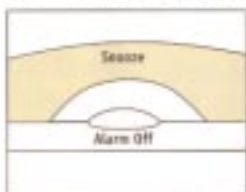


1. Set the alarm time as described earlier.
2. Make sure that 🎵 is chosen as the alarm mode.

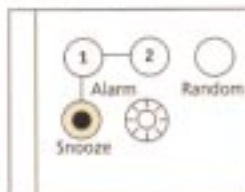


3. Push "AM/FM" or "CD" to choose the wake-up source.
4. Turn Harmony off.

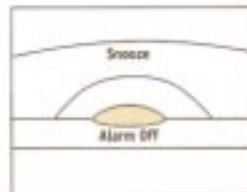
to turn off activated alarm



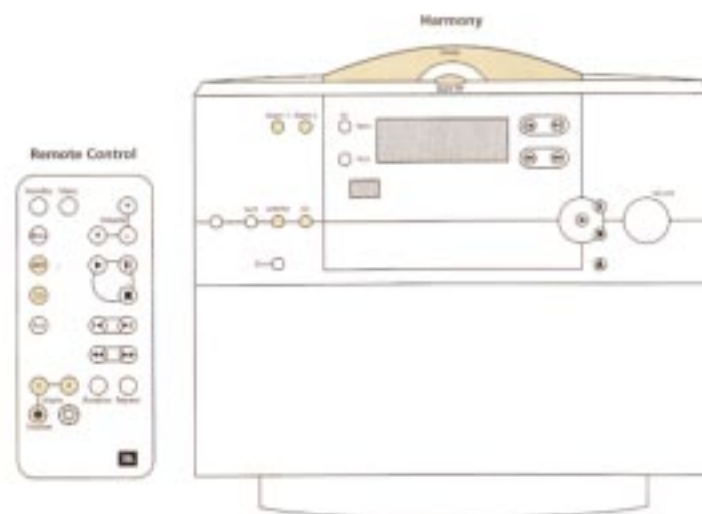
1. Push "Snooze" on Harmony or



- the remote to temporarily shut off alarm. The alarm will sound again in 5 minutes.



2. Push "Alarm Off." The alarm will then reset and activate again at the set time the next day.



6. additional features

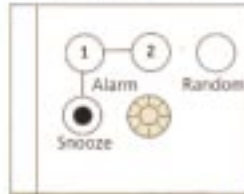
additional remote functions

sleep



Push "Sleep" to turn the unit off after the selected amount of time in 10-minute increments for up to 90 minutes. To turn off sleep mode, push "Sleep" until "00" is indicated in display.

display ☀

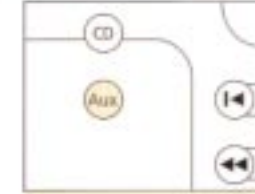


Push ☀ to turn off the CD time display or tuner display. When Harmony is off, pushing ☀ will light up the clock display for five seconds.

auxiliary input

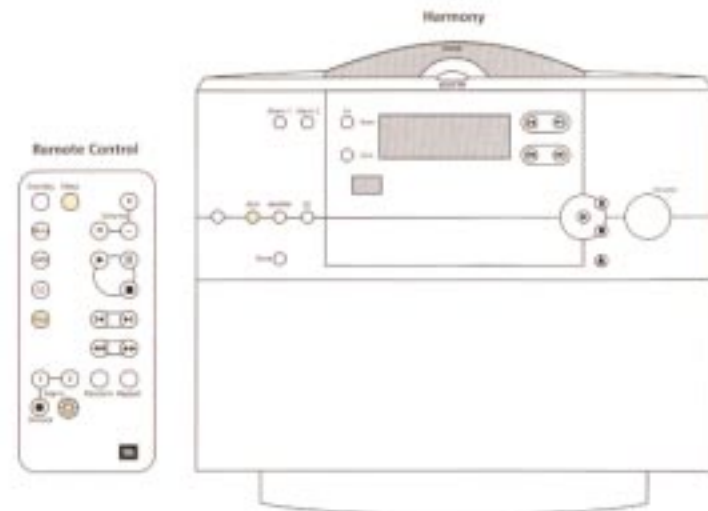
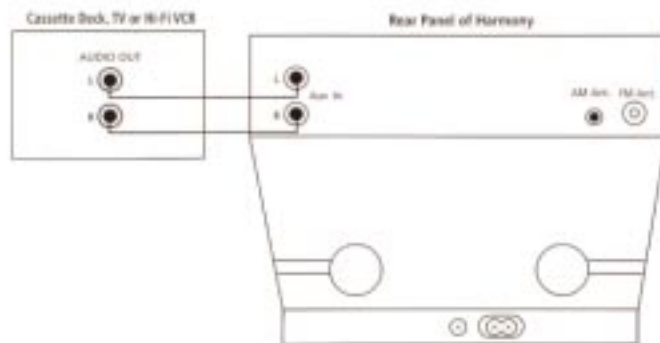


Harmony provides an auxiliary audio input.



This input allows for the hookup of a cassette deck, hi-fi VCR, CD changer, computer or another audio source.

connect cassette deck, TV or hi-fi VCR to Harmony



specifications

Power Output:

40 watts total system power @ .1% THD
10 watts/channel
20 watts/subwoofer

Frequency Response:

60Hz – 20kHz (–6dB)

Auxiliary Input Impedance:

47k ohms

Auxiliary Input Sensitivity:

500mV

Dimensions (H x W x D):

10-1/4 x 12-3/8 x 9-1/2"
260 x 314 x 241mm

Weight:

14.8 lbs
6.6 kg

Optional:

Cigarette-lighter cable for 12V DC power source
Part # AFA0080-001



JBL Consumer Products

80 Crossways Park West, Woodbury, NY 11797
8500 Balboa Boulevard, Northridge, CA 91329
1-800-336-4JBL (4525) (USA only) www.jbl.com

© 1997 JBL, Incorporated.

JBL is a registered trademark of JBL, Incorporated.

Printed in USA 10/97 Part No. HARMONYOM

H A Harman International Company

YOM 0154-001