

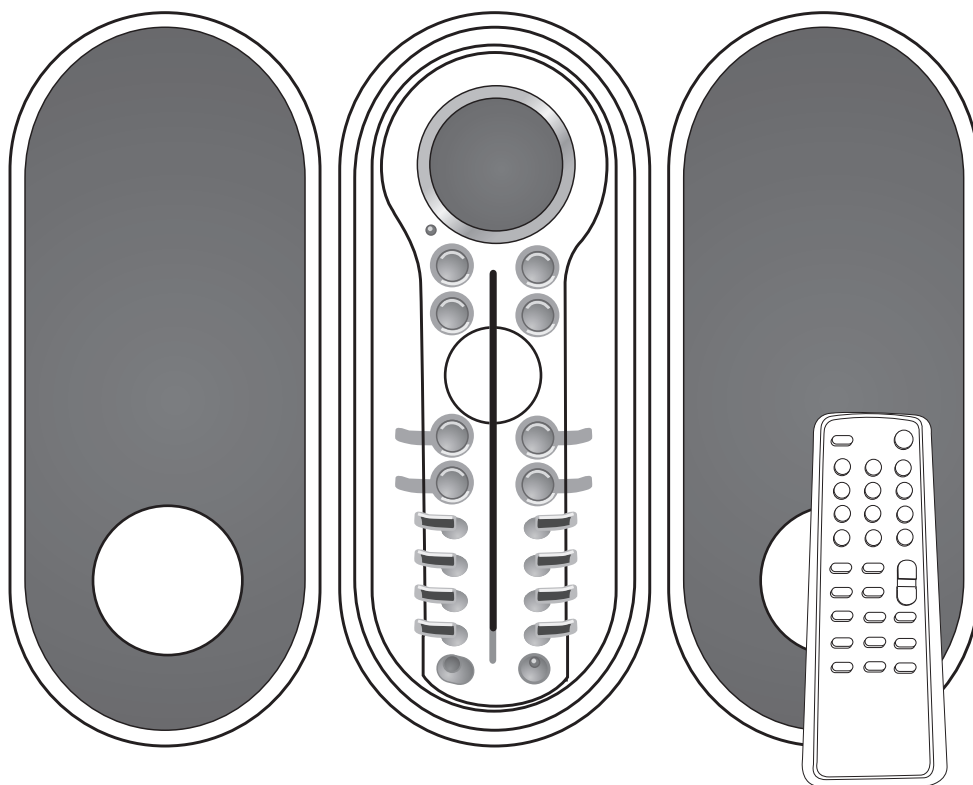
Memorex[®]

Is it live or is it Memorex?[™]

MX4110MP3

User's Guide

Home Audio System with
MP3 CD Player and AM/FM
Stereo Radio



**Before operating this product,
please read these instructions completely.**

Dear Customer,

Please read this manual thoroughly before operating the unit to become more familiar with it and obtain the performance that will bring you continued enjoyment for many years. Keep these instructions handy for future reference.

PLEASE KEEP ALL PACKAGING MATERIAL FOR AT LEAST 90 DAYS IN CASE YOU NEED TO RETURN THIS PRODUCT TO YOUR PLACE OF PURCHASE OR MEMOREX.

For future reference, record the serial number of the unit printed on the rear of the cabinet.

Serial Number _____

	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.		



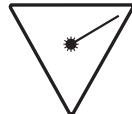
DANGEROUS VOLTAGE

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



ATTENTION

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.



DANGER:

Invisible and hazardous laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.

FCC WARNING:

This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

LASER SAFETY: This unit employs a laser. Only qualified service personnel should attempt to service this device due to possible eye injury.

CAUTION: USE OF CONTROLS, ADJUSTMENTS OR PERFORMANCE PROCEDURE HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

INFORMATION

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there 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, the user is 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 into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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

SURGE PROTECTORS:

It is recommended to use a surge protector for AC connection. Lightning and power surges ARE NOT covered under warranty for this product.

IMPORTANT SERVICE SAFETY INSTRUCTIONS

Before using the unit, be sure to read all operating instructions carefully. Please note that these are general precautions and may not pertain to your unit. For example, this unit may not have the capability to be connected to an outdoor antenna.

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 dry cloth for cleaning.

6. ATTACHMENTS

Do not use attachments not recommended by the product's manufacturer as they may cause hazards.

7. WATER AND MOISTURE

Do not use this product near water—for example: near a bathtub, washbowl, kitchen sink or laundry tub; in a wet basement; or near a swimming pool.

8. ACCESSORIES

Do not place this product on an unstable cart, stand, tripod, bracket or table. The product may fall, causing serious injury 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.

- 8A. An appliance and cart combination should be moved with care. Quick stops, excessive force and uneven surfaces may cause the appliance and cart combination to overturn.

PORTABLE CART WARNING
(symbol provided by RETAC)



9. VENTILATION

Slots and openings in the cabinet and in the back or bottom are provided for ventilation, to ensure reliable operation of the product and to protect it from overheating. 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 never be placed near or over a radiator or heat source. 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.

10. 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 appliance dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.

11. GROUNDING OR POLARIZATION

This product is 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.

12. 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 appliance.

13. LIGHTNING

To protect your product from 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.

14. 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.

15. OVERLOADING

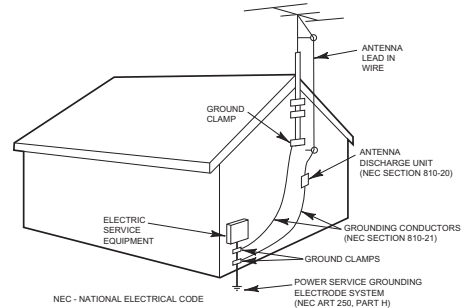
Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.

16. 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 fire or electric shock. Never spill or spray any type of liquid on the product.

17. OUTDOOR ANTENNA GROUNDING

If an outside antenna is connected to the product, be sure the antenna system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electric Code, ANSI/NFPA 70, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge product, size of grounding conductors, location of antenna discharge product, connection to grounding electrodes and requirements for grounding electrode.



EXAMPLE OF ANTENNA GROUNDING AS PER NATIONAL ELECTRICAL CODE

18. 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.

19. REPLACEMENT PARTS

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

20. 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.

21. WALL OR CEILING MOUNTING

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

22. DAMAGE REQUIRING SERVICE

Unplug the product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- When the power-supply cord or plug is damaged.
- If liquid has been spilled or objects have fallen into the product.
- If the product has been exposed to rain or water.
- If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions, as an 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.
- If the product has been dropped or the cabinet has been damaged.
- When the product exhibits a distinct change in performance—this indicates a need for service.

23. HEAT

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

24. NOTE TO CATV SYSTEM INSTALLER

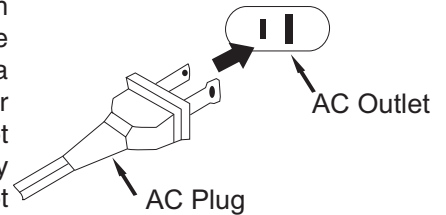
This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

PREPARATION FOR USE

AC OPERATION

Unwind the AC power cord and extend it to its full length. Insert the AC power cord into any convenient 120V 60Hz household outlet.

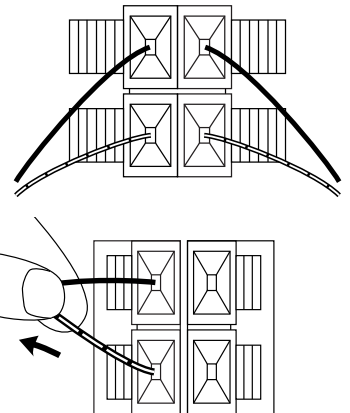
Please note that this unit is equipped with a polarized AC plug which has one blade wider than the other. This is a safety feature to reduce the likelihood of electric shock. This polarized AC plug will only fit in a polarized AC outlet. If you find that you cannot insert this plug into your outlet, you may have an obsolete non-polarized outlet. Please do not try to defeat this safety feature by using a non-polarized adapter or by filing the wider blade to make it fit into your outlet. If this plug does not fit into your outlet, you should contact a qualified licensed electrician to replace your obsolete outlet.



SPEAKER CONNECTION

1. Place the speakers in convenient locations on either side of the unit. Usually a distance of five to eight feet between speakers provides the best stereo effect, but this may vary depending on the size and acoustics of the room.
2. Press the terminal on the rear of the unit to the unlocked position, insert the speaker wire and press the terminal back to the lock position. Connect the striped wires to the red (+) terminals and connect the solid black wires to the black (-) terminals.
3. To connect the speakers, press the terminal down, insert the speaker wire and press the terminal back to the lock position.
4. Pull lightly on the both connections (speaker and main unit) to make sure they are secure.
5. Connect the Speaker Light cable to the Speaker Light jacks on the rear of the unit. These will light up the lamp on the speakers when the unit is on.
6. The left speaker has a subwoofer jack. Plug one end of the audio patch cord to this jack and the other end to the rear of the unit.

SPEAKER CONNECTION

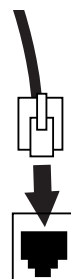


CAUTION: Only connect the speakers which are supplied with the unit. The use of any other or additional speakers may cause damage to the unit. Never operate the unit without the speakers connected.

BACKLIGHT AND SPEAKER LIGHTS

The display's backlight and the speaker lights will always be on when the unit is on.

SPEAKER LIGHT CONNECTION

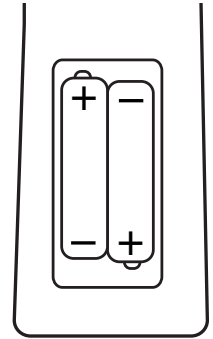


PREPARATION FOR USE (CONTINUED)

BATTERY OPERATION

The battery compartment is located on the rear of the remote control.

1. Remove the battery compartment door by pressing down and sliding the door in the direction of the arrow.
2. Insert two (2) AA size batteries into the battery compartment as shown to the right. Be sure to observe the polarity markings which are engraved inside the battery compartment. If the batteries are inserted incorrectly, the remote control will not operate.
3. Replace the battery compartment door.



BATTERY PRECAUTIONS

Follow these precautions when using batteries in this device:

1. Use only the size and type of batteries specified.
2. Be sure to follow the correct polarity when installing the batteries as indicated in the battery compartment. Reversed batteries may cause damage to the device.
3. Do not mix different types of batteries together (e.g. Alkaline and Carbon-zinc) or old batteries with fresh ones.
4. If the device is not to be used for a long period of time, remove the batteries to prevent damage or injury from possible battery leakage.
5. Do not try to recharge batteries not intended to be recharged; they can overheat and rupture. (Follow battery manufacturer's directions.)

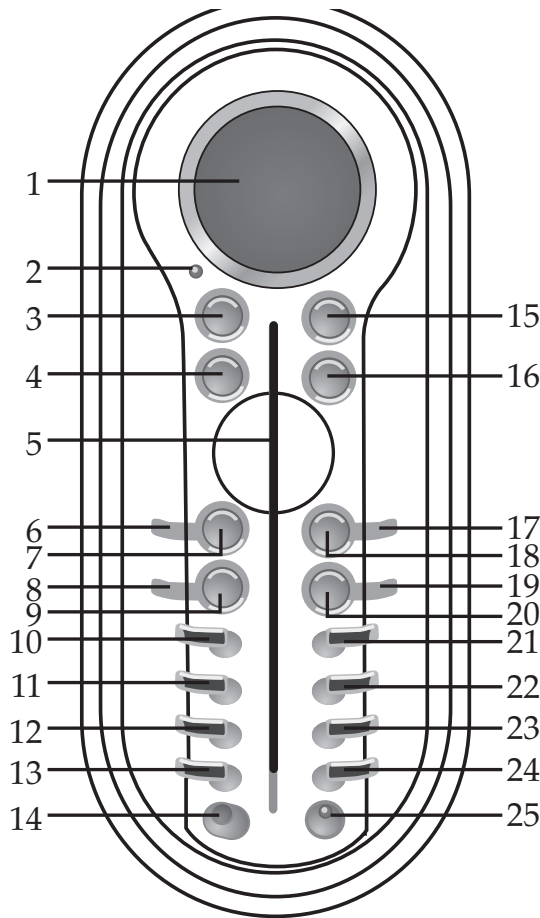
REMOTE SENSOR:

To operate the unit with the remote control, point the remote at the remote sensor on the front of the main unit and press the appropriate button. The remote control has an effective operating range of approximately 15 feet and an angle of no more than 30°.

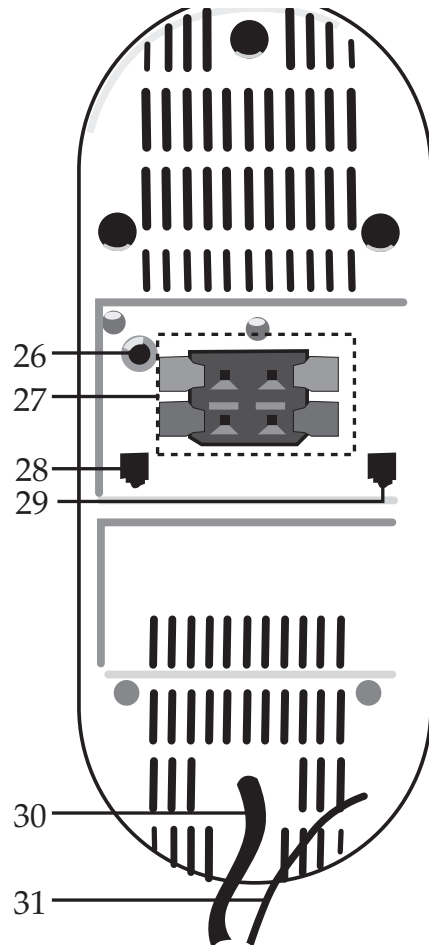
NOTE: Bright sunlight may interfere with the operation of the remote control.

LOCATION OF CONTROLS

FRONT



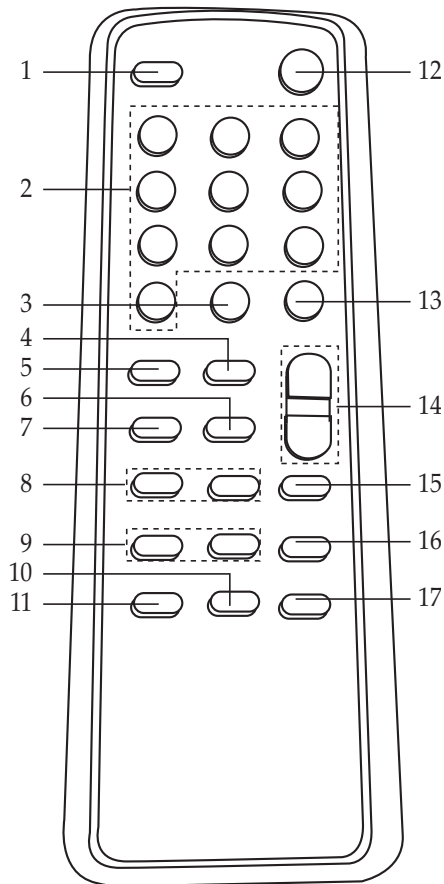
REAR



- | | |
|--------------------------------|--------------------------------|
| 1. Display | 17. FIND/ESP Button |
| 2. Standby Indicator | 18. PLAY/PAUSE (▶)/CD Button |
| 3. POWER Button | 19. PRE-UP (Preset Up) Button |
| 4. CD EJECT Button | 20. Tune/Skip/Search ▶▶ Button |
| 5. CD Compartment | 21. TIMER Button |
| 6. BAND Button | 22. SLEEP Button |
| 7. STOP (■) Button | 23. MUTE Button |
| 8. PRE-DN (Preset Down) Button | 24. EQ Button |
| 9. Tune/Skip/Search ◀◀ Button | 25. Headphones Jack |
| 10. INTRO Button | 26. Subwoofer Jack |
| 11. REPEAT Button | 27. Speaker Terminals |
| 12. RANDOM Button | 28. Right Speaker Light Jack |
| 13. MEM/CLOCK SET Button | 29. Left Speaker Light Jack |
| 14. Remote Sensor | 30. AC Cord |
| 15. VOLUME Up Button | 31. FM Wire Antenna |
| 16. VOLUME Down Button | |

LOCATION OF CONTROLS (CONTINUED)

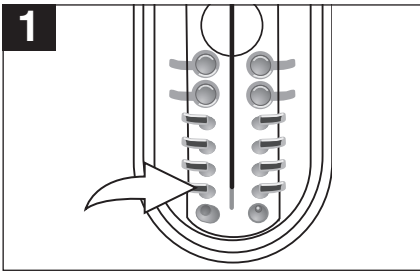
REMOTE



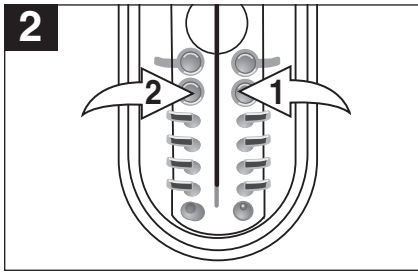
- | | |
|--|----------------------------|
| 1. FIND/ESP/MO/ST (MONO/STEREO) Button | 10. REPEAT Button |
| 2. Direct Track Selection Buttons | 11. INTRO Button |
| 3. EQ Button | 12. POWER Button |
| 4. SLEEP Button | 13. Mute Button |
| 5. TIMER Button | 14. VOLUME Up/Down Buttons |
| 6. PLAY/PAUSE (▶)/CD Button | 15. TUNER/BAND Button |
| 7. STOP (■) Button | 16. MEM/CLOCK SET Button |
| 8. Tune/Skip/Search ▶▶/◀◀ Buttons | 17. RANDOM Button |
| 9. PRESET/DIR DN/UP Buttons | |

OPERATING INSTRUCTIONS

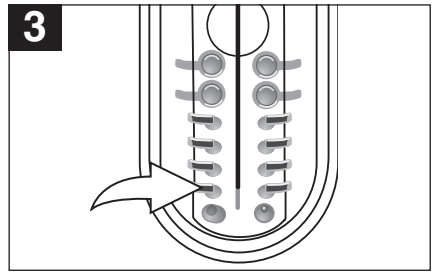
SETTING THE CLOCK



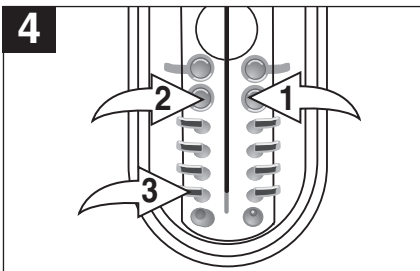
1 With the power off, press and hold the MEM/CLOCK SET button; "12 HOUR" will blink.



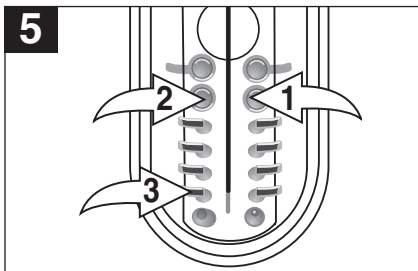
2 Press the Tune/Skip/Search **▶▶ 1** or **◀◀ 2** button to set the unit to the 24 hour (24 HOUR) mode (also known as military time), or 12 hour (12 HOUR) mode.



3 Press the MEM/CLOCK SET button and the hours will blink.

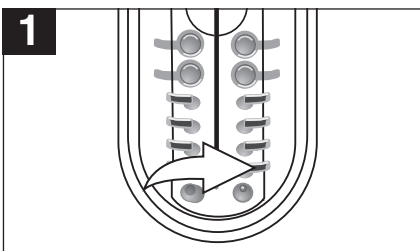


4 Press the Tune/Skip/Search **▶▶ 1** or **◀◀ 2** button to set the current hour, then press the MEM/CLOCK SET button **3** again; the minute digits will blink. If you selected 12H time display be sure to observe the AM or PM indicators to make sure you have set the hour correctly.



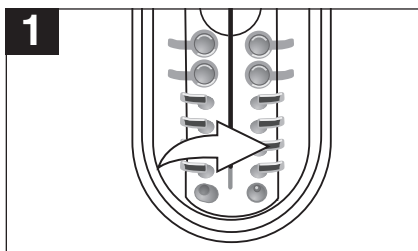
5 Press the Tune/Skip/Search **▶▶ 1** or **◀◀ 2** button to set the current minute. Press the MEM/CLOCK SET button **3** and the time will be set.

PRESET EQ



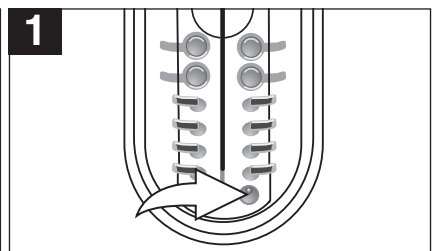
1 With the power on, press the EQ button to cycle through the preset EQ settings or to turn the EQ off. Each press of the EQ button will cycle as follows: CLASSIC, ROCK, POP, JAZZ, Off (PASS).

MUTE



1 To temporarily mute the sound, press the MUTE button; the Volume bars will blink in the display and the sound will be muted. Press the MUTE button again to restore the sound.

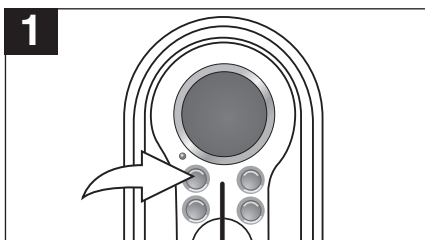
HEADPHONE JACK



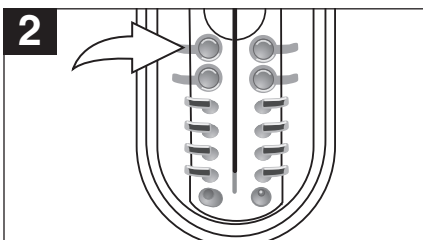
1 To listen to the unit through headphones, simply insert the headphones (not included) into the Headphones jack. The speakers will be disconnected when the headphones are plugged in.

OPERATING INSTRUCTIONS (CONTINUED)

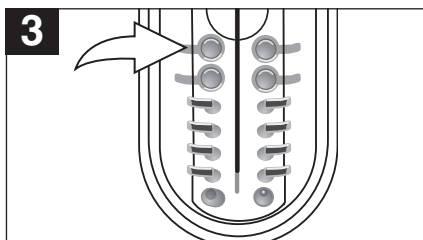
LISTENING TO THE RADIO



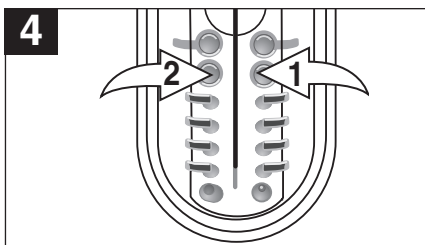
1 Press the POWER button to turn the unit on; the Standby indicator will go out.



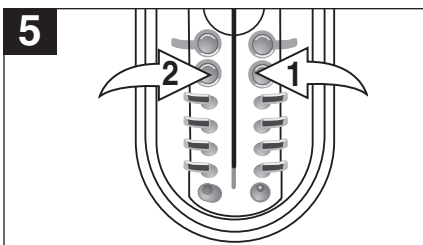
2 Press the BAND button. If switching from CD mode, "TUNER" will appear in the display.



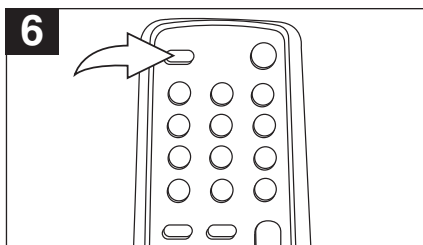
3 Press the BAND button to select AM or FM.
NOTE: If you select the FM band, be sure to extend the FM Wire Antenna.



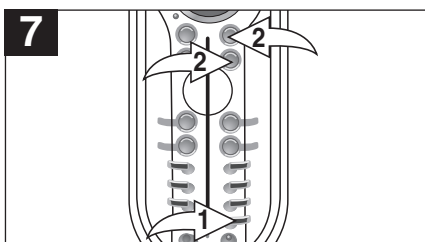
4 **MANUAL TUNING:** Repeatedly press the Tune/Skip/Search ►► ❶ or ◄◄ ❷ button to manually advance the frequency in the display up or down until the desired frequency appears.



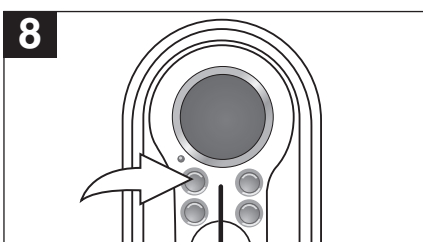
5 **AUTOMATIC TUNING:** Press and hold the Tune/Skip/Search ►► ❶ or ◄◄ ❷ button until the frequency in the display starts to scan, and then release the button; the tuner will search and then stop on the next strong station it finds. Repeat this step until the desired frequency appears in the display.



6 Press the FIND/ESP/MO/ST button on the remote control to select MONO or STEREO. Noise present in Stereo broadcasts can be reduced by listening in Mono.



7 Adjust the EQ button ❶ and VOLUME buttons ❷ as desired.
NOTE: If the FM STEREO band is selected and you have tuned to an FM Stereo station, the Stereo indicator will light in the display.



8 Press the POWER button to turn the unit off; the Standby indicator will light.

Hints for Better Reception

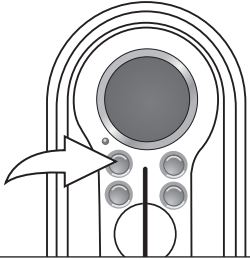
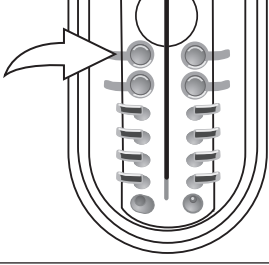
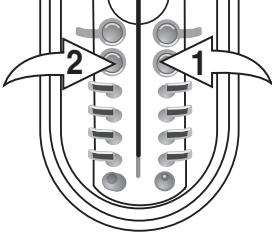
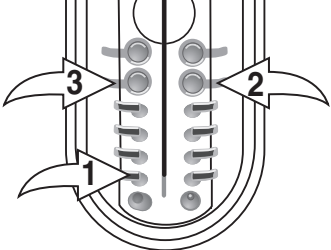
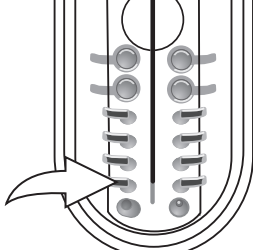
AM—The AM ferrite bar antenna is located inside the unit. It may be necessary to turn the unit slightly so that the internal antenna is pointing in the direction of the AM transmitter. You may have to experiment to find the position that provides the strongest reception for each of your favorite AM stations.

FM—Extend the FM wire antenna for best FM reception.

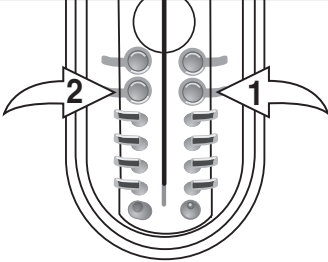
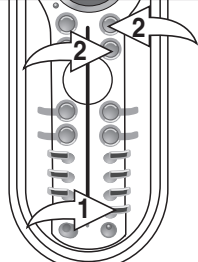
OPERATING INSTRUCTIONS (CONTINUED)

SETTING RADIO PRESETS

This unit can preset 10 AM and 10 FM radio stations for convenient recall.

<p>1</p> 	<p>2</p> 	<p>3</p> 
<p>Press the POWER button to turn the unit on; the Standby indicator will go out.</p>	<p>Press the BAND button. If switching from CD mode, "TUNER" will appear in the display. Press the BAND button to select AM or FM.</p>	<p>Press the Tune/Skip/Search ►► ❶ or ◀◀ ❷ button to select a station.</p>
<p>4</p> 	<p>5</p> 	<p>6</p> <p>3 ↔ 5</p>
<p>Press the MEM/CLOCK SET button ❶. Within six seconds, press the PRESET UP ❷ or DOWN ❸ button until the desired memory number appears on the display.</p>	<p>Press the MEM/CLOCK SET button again to set the station in the selected memory.</p>	<p>Repeat steps 3 through 5 to program up to 10 stations in each band, if desired. If the main power supply is interrupted, the memory presets will be erased.</p>

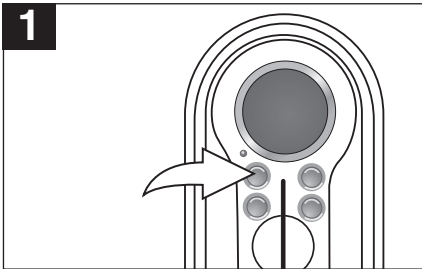
RECALLING RADIO PRESETS (10 EACH BAND)

<p>1</p> <p>1 ↔ 2</p>	<p>2</p> 	<p>3</p> 
<p>Follow steps 1 and 2 above.</p>	<p>Press the PRESET UP ❶ or DOWN ❷ button to select a preset; the station will automatically be tuned in.</p>	<p>Adjust the EQ button ❶ and VOLUME buttons ❷ as desired.</p>

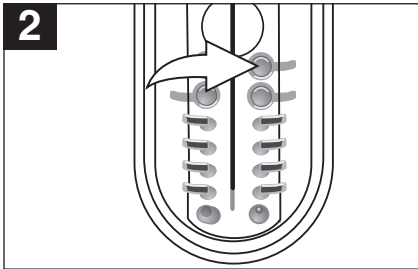
OPERATING INSTRUCTIONS (CONTINUED)

PLAYING COMPACT DISCS

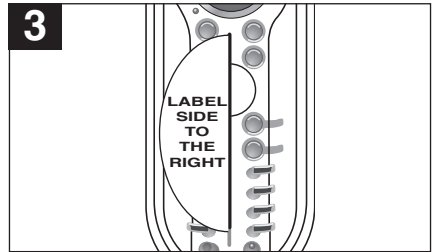
This CD player is designed to play all kinds of Audio Discs and MP3 CD ROMS, such as CD recordables and rewritables. Do not try to play CDI, CDV, DVD or computer CDs in this unit.



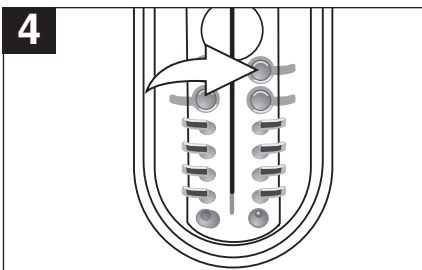
1 Press the POWER button to turn the unit on; the Standby indicator will go out.



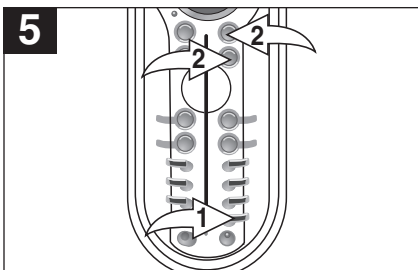
2 If in the Tuner mode, press the PLAY/PAUSE (▶||) button; "CD" will appear in the display.



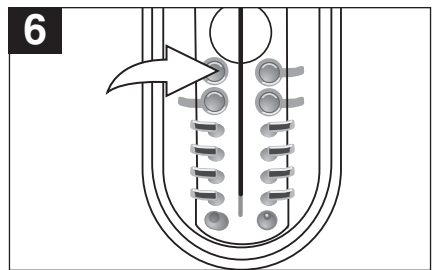
3 Insert a CD with the label side facing the right. The CD player will read the table of contents on the disc; the total number of tracks and total playing time (total tracks and folders will also appear, if using MP3) will appear in the display.



4 Press the PLAY/PAUSE (▶||) button to begin playback on Track 1.



5 Adjust the EQ button ① and VOLUME buttons ② as desired. Playback will continue until all tracks on the disc have been played.



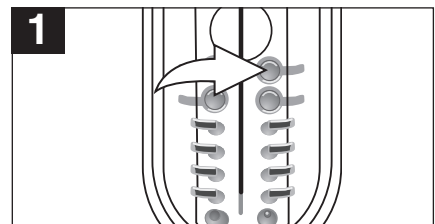
6 To stop playback before the disc ends, press the STOP (■) button. The disc will stop and the display will show the total number of tracks and playing time on the disc.

CD PLAYBACK NOTES:

• **DO NOT play 3" singles in this unit or it may cause damage to the unit.**

- See page 14 for more information on MP3's.
- When recording ("burning") CDs, make sure the session is "finalized", or simply record ("burn") only one session. You can find more information in your recorder's manual.
- If a disc is inserted incorrectly, dirty, damaged or not present at all, it will eject.
- If a disc is not recorded properly, it will eject.
- It may take 10 to 30 seconds for the player to read an MP3 CD, depending on the number of tracks burned on the CD.

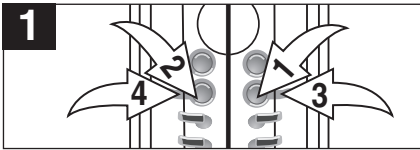
CD PAUSE CONTROL



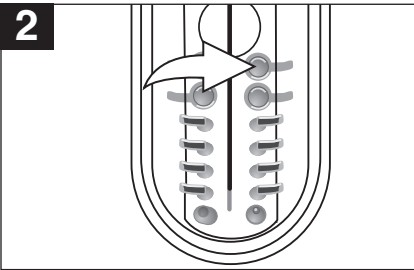
1 During CD playback, if you wish to pause the disc momentarily, press the PLAY/PAUSE (▶||) button. Playback stops but the disc continues to spin and the time display will blink. Press again to resume playback.

OPERATING INSTRUCTIONS (CONTINUED)

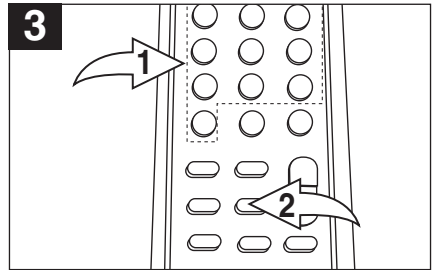
TO BEGIN PLAYBACK FROM A SPECIFIC TRACK



1 While in the CD mode, insert a disc into the CD player. Then the unit will read the table of the contents on the disc; After the total number of tracks appear, press either the Tune/Skip/Search **1** or **2** button to select a specific track for playback. You can use the PRESET UP **3** or DOWN **4** buttons to select an album/folder, if using MP3.

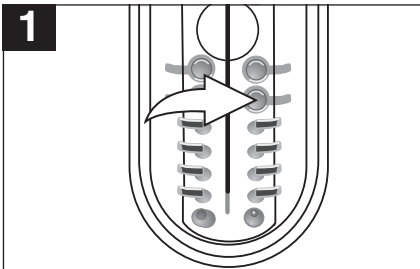


2 When the desired track (and folder if using MP3) appears, press the PLAY/PAUSE (**2**) button. Playback will begin on the track you selected.

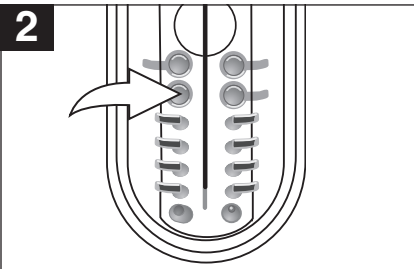


3 You can also use the Direct Track Selection buttons **1** on the remote to directly select a track, then press the PLAY/PAUSE (**2**) button.

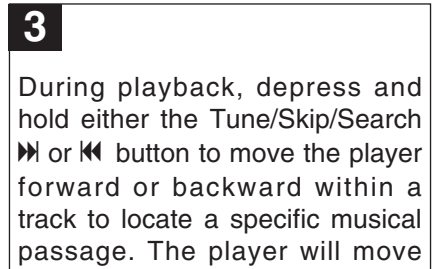
FORWARD/REVERSE SKIP TRACK AND HIGH-SPEED MUSIC SEARCH (**3**/**4**)



1 During playback, press the Tune/Skip/Search **3** button once to advance the player to the beginning of the next track. Press the Tune/Skip/Search **3** button repeatedly to advance the player to higher numbered tracks.

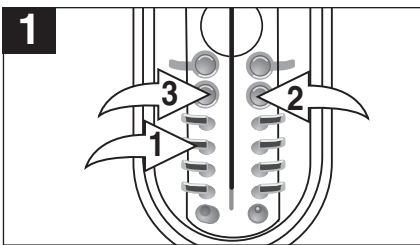


2 During playback, press the Tune/Skip/Search **4** button once to move the player back to the beginning of the current track. Press the Tune/Skip/Search **4** button repeatedly to move the player back to lower numbered tracks.

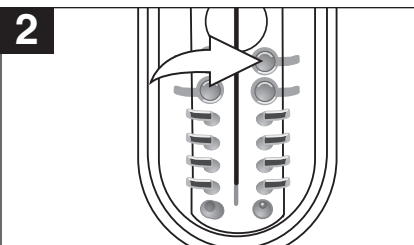


3 During playback, depress and hold either the Tune/Skip/Search **3** or **4** button to move the player forward or backward within a track to locate a specific musical passage. The player will move forward or backward at high speed as long as the button is depressed. When you release the Tune/Skip/Search **3** or **4** button, normal playback will resume.

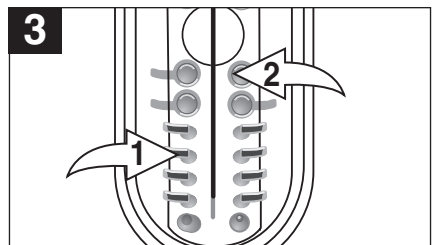
REPEAT PLAYBACK



1 To repeat a single track, while in the Stop mode, press the REPEAT button **1** once; "REP" will appear in the display. Press the Tune/Skip/Search **2** or **3** button to select the specific track that you wish to repeat.

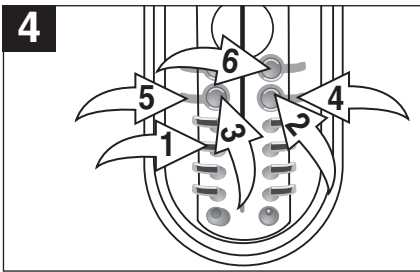


2 When the desired track number appears in the display, press the PLAY/PAUSE (**2**) button to begin playback. The specific track you selected will be repeated continuously.

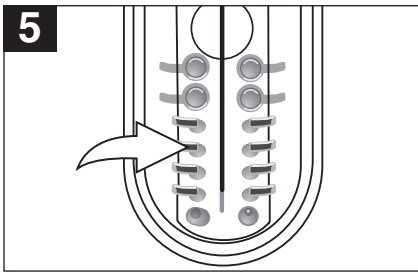


3 To repeat all of the tracks on a disc continuously, while in the stop mode, press the REPEAT button **1** twice; "REP ALL" will appear in the display. Press the PLAY/PAUSE (**2**) button to begin all tracks repeating.

OPERATING INSTRUCTIONS (CONTINUED)



To repeat all files in a album/folder (MP3 CD only), press the REPEAT button ❶ three times; “REP ALBUM” will appear in the display. Press the Tune/Skip/Search ►► ❷ or ◀◀ ❸ button to select the specific directory that you wish to repeat or Press the PRESET Up ❹/Down ❺ button to select the desired folder/album to repeat. Press the PLAY/PAUSE (►||) button ❻ to repeat play the album/folder.

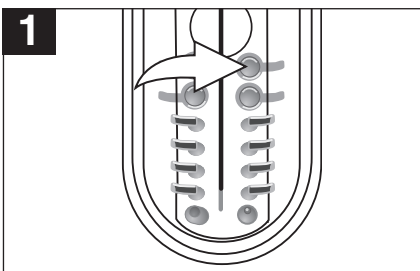


To cancel Repeat Playback, press the REPEAT button until “REP” disappears from the display.

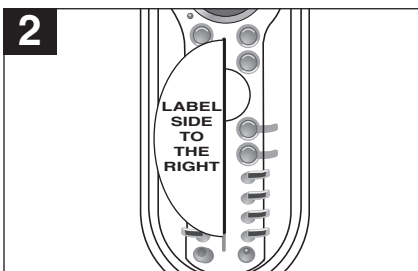
PROGRAMMED PLAYBACK

The CD player in this unit has a 64 track programmable memory that allows you to program up to 64 tracks on any disc for playback in any desired order. You may program 64 different tracks or you may also program certain tracks to play more than once.

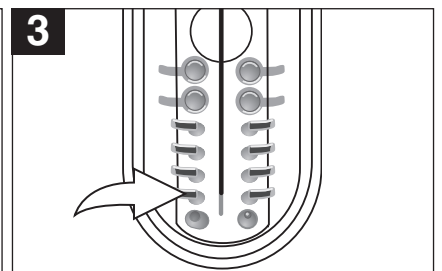
To perform programmed playback, proceed as follows:



1 While in tuner mode, press the PLAY/PAUSE (►||) button; “CD” will appear in the display.



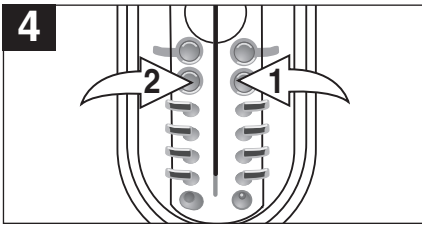
2 Insert a CD with the label side facing the right. The CD player will read the table of contents on the disc; the total number of tracks and total playing time on the disc will appear in the display.



3 Press the MEM/CLOCK SET button. “00” (track number), “P-01” (program number) and “MEMORY” will appear in the display.

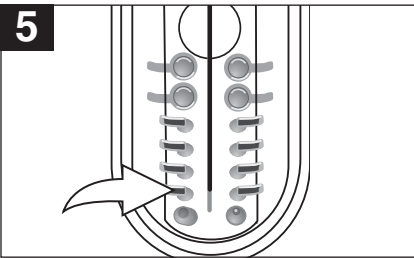
PROGRAMMED PLAYBACK SECTION CONTINUED ON NEXT PAGE.

OPERATING INSTRUCTIONS (CONTINUED)

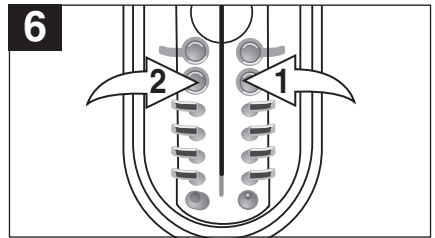


Press the Tune/Skip/Search **▶▶** **1** or **◀◀** **2** button to select the first track that you wish to program.

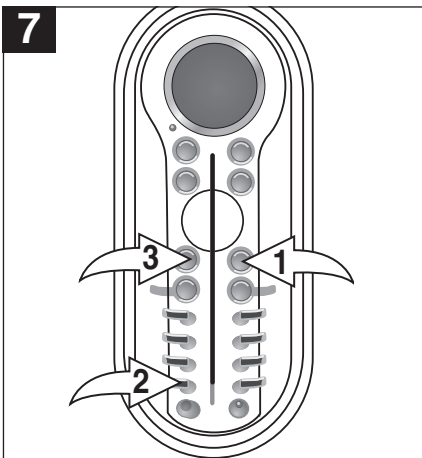
MP3: If using an MP3, you will first select the album/folder, then press the MEM/CLOCK SET button to confirm, then select the first desired track inside the album/folder.



When the desired track number appears in the display, press the MEM/CLOCK SET button again.



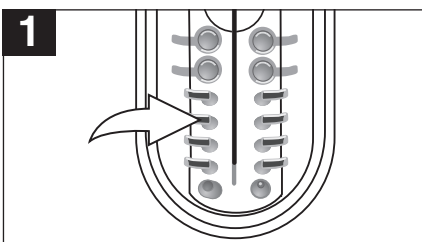
Repeat steps 4 and 5 until you have programmed up to 64 track numbers into the CD Program Memory. When the memory is full, the first select track number & "P-01" will appear in the display again.



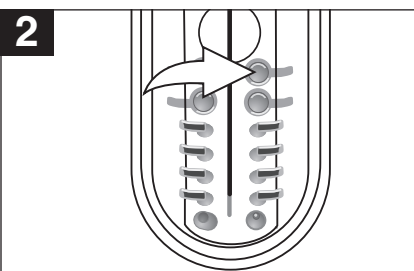
After programming up to 64 tracks in the CD Program Memory, press the PLAY/PAUSE (**▶||**) button **1** to begin programmed playback. "MEMORY" will appear in the display and playback will begin on the first track that you programmed. The player will continue to play all of the tracks that you programmed in the order in which you programmed them. When the last programmed track has been played, the player will stop and the display will again show the total number of tracks/playing time on the disc. If you press the MEM/CLOCK SET button **2** and then press the PLAY/PAUSE (**▶||**) button **1** again, playback will start on the first track you programmed and will continue until all the programmed tracks have been played. To cancel the Programmed Playback mode, while in the Stop mode, press the MEM/CLOCK SET button **2** to enter the program mode, and then press the STOP (**■**) button **3**.

NOTE: To check the programmed tracks, while in the Stop mode, press the MEM/CLOCK SET button repeatedly to view the programmed tracks.

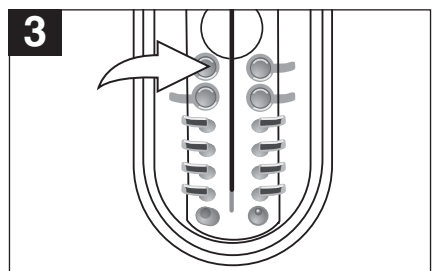
PROGRAMMED REPEAT



It is also possible to use the Program and Repeat functions together to repeat a specific program indefinitely. First, make a program as described above, then press the REPEAT button twice to enter the Repeat-All mode. Both the MEMORY and REPEAT indicators will appear in the display.



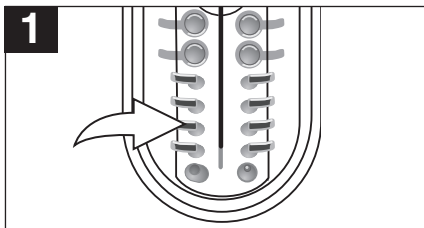
Press the PLAY/PAUSE (**▶||**) button to begin programmed repeat playback. The player will play the tracks you selected in the order in which you programmed them. When the last track in the program has been played, the entire program will begin again.



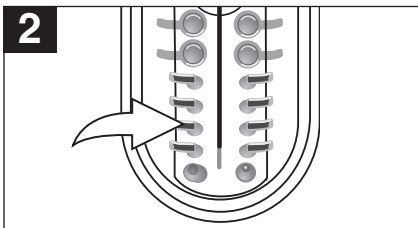
Programmed Repeat operation will continue indefinitely until you press the STOP (**■**) button.

OPERATING INSTRUCTIONS (CONTINUED)

RANDOM PLAYBACK

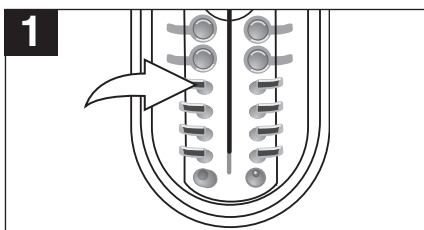


1
To play the tracks on the CD in a random order, while in the Stop mode, press the RANDOM button. "RANDOM" will appear in the display and the tracks will play automatically in a random order.

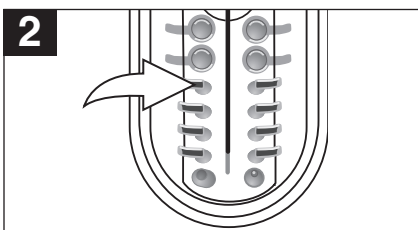


2
To cancel random playback, press the RANDOM button until "RANDOM" disappears from the display.

INTRO PLAYBACK



1
To play the first 10 seconds of each track, press the INTRO button. "INTRO" will appear in the display and the unit will play the first 10 seconds of each track.



2
To cancel intro and continue with normal playback, press the INTRO button until "INTRO" disappears from the display.

ESP (ELECTRONIC SKIP PROTECTION)

This feature protects against loss of sound caused by vibrations and shocks. Continuous playback is ensured once some of the music has been stored into memory.

ESP will automatically be activated when listening to MP3 CDs. You cannot deactivate ESP while listening to an MP3 CD. However, you can deactivate it when playing a standard CD by simply pressing the FIND/ESP button; the ESP indicator will disappear from the display.

NOTE:

While playing back a standard CD, if the "ESP" indicator has disappeared from the display, press the FIND/ESP button to turn on the "ESP" again.

OPERATING INSTRUCTIONS (CONTINUED)

MP3 FAQs—Frequently Asked Questions Please read before playing an MP3 CD.

Does the unit support packet write CD-RW?

Yes, it can. You can add or delete MP3 files without reformatting. It appears like a PC hard drive.

Can the unit read regular music CDs?

Yes, it can. However you can not mix MP3s and WAV files on the same CD. If you do this, the unit will play only the MP3 files.

Can I use the MP3 extension for non-audio data files?

No, this may result in serious malfunction and harmful noise interference.

Can I mix MP3 files with other file types on the CDR?

Yes, but this unit will ignore those files and read only the MP3 files on the CDR.

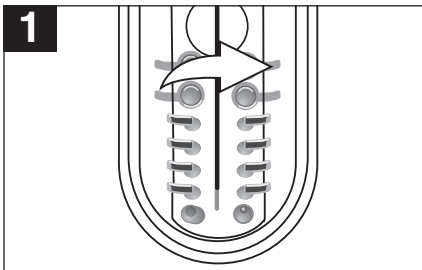
Does the unit support multi-session CDRs?

If the MP3 CD is not finalized, you can burn a new group of MP3 files until the CD is full.

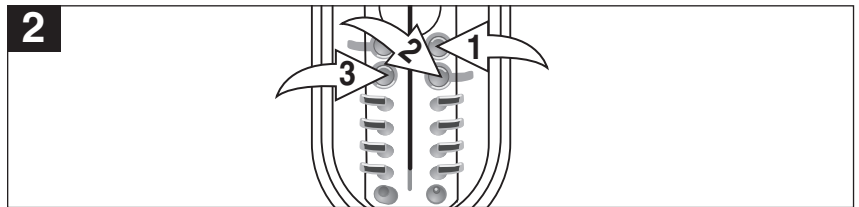
Does the unit support subdirectories (subfolders)?

Yes, the unit can read MP3 files from subfolders.

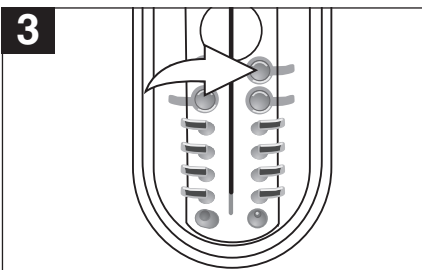
SELECTING SONGS BY MP3 TITLE



Press the FIND/ESP button; the track display will appear with the letter A. The Find indicator (🔍) will blink in the display.



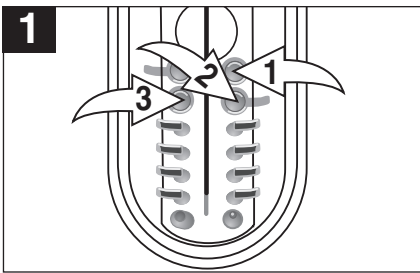
Select the starting letter of the desired track using the Tune/Skip/Search **▶▶ ①** or **◀◀ ②** button. "NONE" will appear in the display when there are no tracks that start with the selected letter. To select the others tracks which with the same starting letter, press and hold the Tune/Skip/Search **▶▶ ①** or **◀◀ ②** button until the selected starting letter blinks in the display then release. Use the Tune/Skip/Search **▶▶ ①** or **◀◀ ②** button to select the others tracks which starting with the same letters. Press PLAY/PAUSE (**▶||**) button **③** to start playing the desired track or to return to select the other letters. Press and hold the Tune/Skip/Search **▶▶ ①** or **◀◀ ②** button until the selected starting letter lights solid in the display, then release. Use the Tune/Skip/Search **▶▶ ①** or **◀◀ ②** button to select other starting letters.



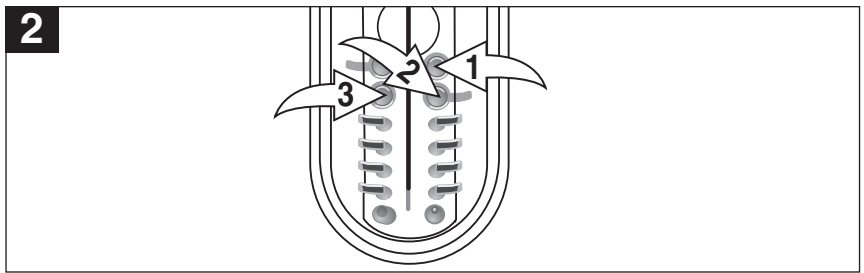
When the desired track appears in the display, press the PLAY/PAUSE (**▶||**) button to start playback.

OPERATING INSTRUCTIONS (CONTINUED)

SELECTING SONGS BY MP3 ALBUM/FOLDER



Press the FIND/ESP button ❶ twice; the album/folder display will appear with the letter A. The Find indicator (🔍) and "ALBUM" will light in the display. Select the starting letter of the desired album/folder using the Tune/Skip/Search ►❷ or ◀❸ button.



When the desired album/folder appears in the display, press hold the Tune/Skip/Search ►❶ or ◀❷ button to enter the Folder/Album. When the "ALBUM" disappears from the display, release the Tune/Skip/Search ►❶ or ◀❷ button. Select the desired tracks by using the Tune/Skip/Search ►❶ or ◀❷ button. When the desired track appears, press the PLAY/PAUSE (▶❸) button to start playback of the desired track or press and hold the Tune/Skip/Search ►❶ or ◀❷ button until "ALBUM" appears again, then release to return to the select the MP3 ALBUM/FOLDER.

SINGLE SESSION

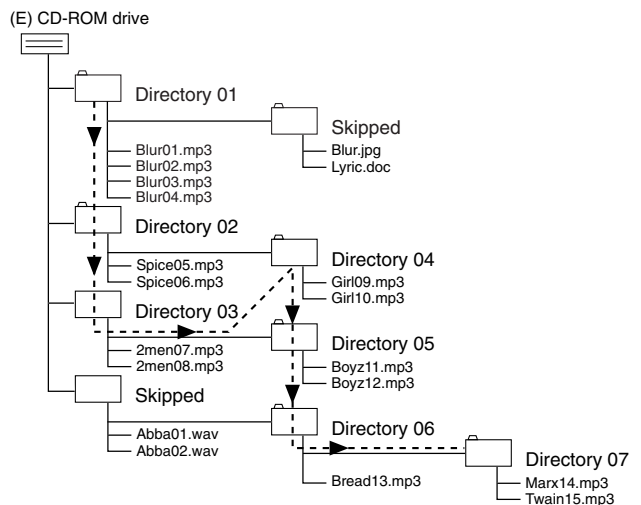
The following chart is an example of a **Windows Explorer** display that will appear on your computer monitor for a single session MP3 CD ROM with directories/albums. Check the added notes to help you understand the MP3 CD unit display and the playback sequence of directories/albums and tracks on a single session MP3 CD.

MULTI SESSION

The computer user does not need to finalize the CDR disc as music is burned on the CD. Because of this, the music can be downloaded at different times until the whole CD is full.

NOTES:

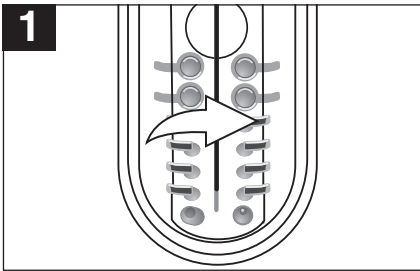
- The arrow pathway shows the sequence of MP3 directory and file playback.
- This example has a total of seven MP3 directories.
- Based on this layout, the first file will be "Blur01.mp3" and the last file will be "Twain15.mp3".
- "Skipped" denotes a directory which contains non-audio files only, e.g. jpg, wav, etc. These cannot be detected nor played on this unit. When an album contains mixed format files, the non-MP3 files will be skipped.



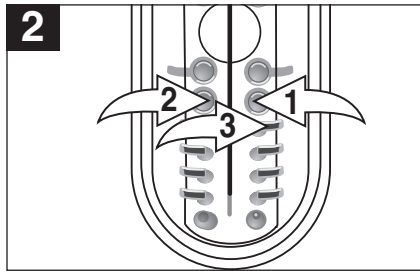
OPERATING INSTRUCTIONS (CONTINUED)

SETTING THE TIMER

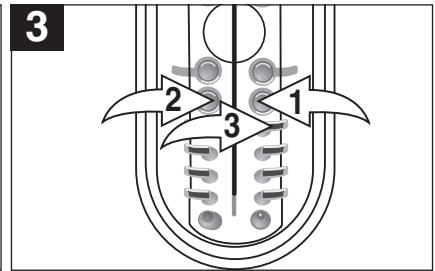
Set the timer to turn the unit on and off to the Tuner or CD mode at a preset time as follows:



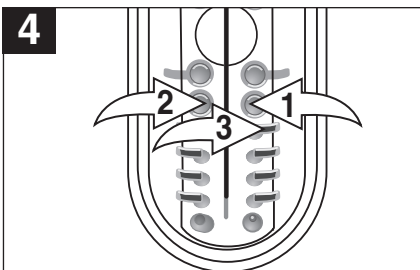
Press and hold the **TIMER** button until the timer appears and the hour digits blink in the display; release the **Timer** Button and you are now ready to set the timer on time.



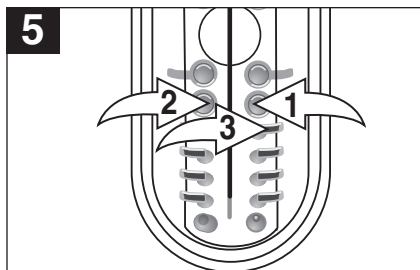
Press the **Tune/Skip/Search** **▶▶** ❶ or **◀◀** ❷ button to set the timer on hour, then press the **TIMER** button **Ⓢ** again; the minute digits will blink. Be sure to observe the **AM** or **PM** indicators to make sure you have set the hour correctly.



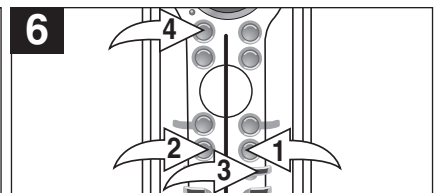
Press the **Tune/Skip/Search** **▶▶** ❶ or **◀◀** ❷ button to set the timer on minute. Press the **TIMER** button **Ⓢ** and the timer off hours will blink.



Press the **Tune/Skip/Search** **▶▶** ❶ or **◀◀** ❷ button to set the timer off hour, then press the **TIMER** button **Ⓢ** again; the minute digits will blink. Be sure to observe the **AM** or **PM** indicators to make sure you have set the hour correctly.



Press the **Tune/Skip/Search** **▶▶** ❶ or **◀◀** ❷ button to set the timer off minute. Press the **TIMER** button **Ⓢ** and the wake mode will blink. Press the **Tune/Skip/Search** **▶▶** ❶ or **◀◀** ❷ button to set the wake mode (**Tuner** or **CD**). Press the **TIMER** button **Ⓢ** and the wake volume will blink.



Press the **Tune/Skip/Search** **▶▶** ❶ or **◀◀** ❷ button to set the wake volume level. Press the **TIMER** button **Ⓢ** and the timer will be set. The display will show the **Timer ON** time, **Timer OFF** time, **Wake mode** (**Tuner** or **CD**) and the wake volume level, then it will return to **CD**, **Tuner** or **Standby** mode. If in **CD** mode, press the **Power** button **Ⓟ** to turn the unit to **Standby** mode, otherwise, the **CD** will not start playback when it reaches the **Timer** on time.

To deactivate, press the **TIMER** button **Ⓢ** while in the off mode (“⏻” will disappear from the display). To activate the timer, press the **TIMER** button **Ⓢ** while in the off mode (“⏻” will appear in the display).

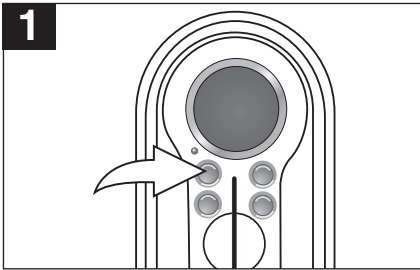
NOTES:

- If you set an off time that is the same as the on time, the display will read “ERROR” and you will need to set the time again
- If the inserted disc’s total tracks time is shorter than the **Timer**’s on & off time, when the timer is activated, the unit will playback the tracks on the disc then it will stop.

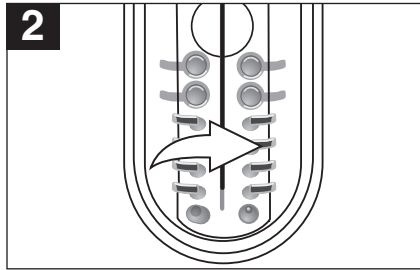
OPERATING INSTRUCTIONS (CONTINUED)

ACTIVATING THE SLEEP FUNCTION

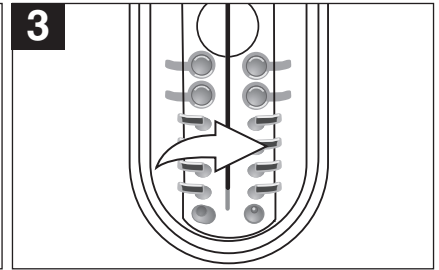
Set the sleep timer as follows:



1 Press the POWER button to turn the unit on and tune the desired radio station or insert a CD as previously instructed.



2 Press the SLEEP button; "90" and "SLEEP" will appear in the display.



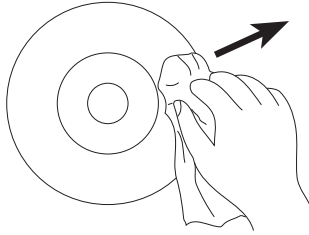
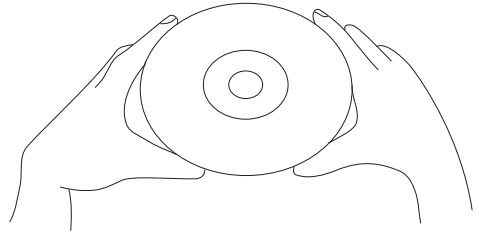
3 Within three seconds, press the SLEEP button a second time to set the unit to turn off after 80 minutes. Each additional press will decrease the sleep time by 10 minutes. Press the SLEEP button repeatedly until "SLEEP" disappears from the display to deactivate the Sleep feature.

NOTE: After you have set the desired Sleep time, it will start counting down. The player will stop and return to Standby mode when it reaches the Sleep time. To view the rest of the sleep time, press the SLEEP button once; the display will show the rest of the sleep time for three seconds in the display.

CARE AND MAINTENANCE

Caring for Compact Discs

- Treat the compact disc carefully. Handle the compact disc only by its edges. Never allow your fingers to come in contact with the shiny, unprinted side of the compact disc.
- Do not attach adhesive tape, stickers, etc. to the compact disc label.
- Clean the compact disc periodically with a soft, lint-free, dry cloth. Never use detergents or abrasive cleaners to clean the compact disc. If necessary, use a CD cleaning kit.
- If a compact disc skips or gets stuck on a section of the compact disc, it is probably dirty or damaged (scratched).
- When cleaning the compact disc, wipe in straight lines from the center of the compact disc to the outer edge of the compact disc. Never wipe in circular motions.



- This unit is designed to play only compact discs bearing the identification logo as shown here. Other compact discs may not conform to the CD standard and may not play properly.
- Compact discs should be stored in their cases after each use to avoid damage.
- Do not expose compact discs to direct sunlight, high humidity, high temperatures or dust, etc. Prolonged exposure or extreme temperatures can warp the compact disc.
- Do not stick or write anything on either side of the compact disc. Sharp writing instruments, or the ink may damage the surface.



TROUBLESHOOTING GUIDE

Should this unit exhibit a problem, check the following before seeking service:

Symptom	Possible Cause	Solution
Radio		
Noise or sound distorted on radio broadcasts.	Station not tuned properly for AM or FM.	Retune the AM or FM broadcast station.
	AM: Unit is not positioned correctly.	Rotate unit for best reception.
	FM: Wire antenna is not extended.	Extend FM wire antenna.
FM Stereo indicator does not light.	Poor FM signal being received.	Retune station or try another station that broadcasts in stereo.
	Station is not broadcasting in stereo.	Change stations.
		Press the FIND/MO/ST/ESP button to change to stereo mode.
AM or FM, no sound.	TUNER is not selected.	Press the BAND button to select Tuner.
	Volume at minimum.	Increase volume.
Compact Disc Player		
CD Player will not play.	CD is not selected.	Press the Play/Pause (▶)/CD button to select CD.
	CD is not installed or is installed incorrectly.	Insert CD with label facing the right.
CD skips while playing.	Disc is dirty or scratched.	Wipe disc with cloth or use another disc.
Disc cannot be read and eject from the player	Some MP3 discs cannot be read or played due to the disc or record quality.	Try another MP3 disc.
General		
No power.	AC power cord is not connected.	Connect AC power cord.
Remote not working.	Batteries not inserted, or inserted incorrectly.	Insert batteries correctly.

**FOR ADDITIONAL SET-UP OR OPERATING ASSISTANCE, PLEASE VISIT OUR WEBSITE AT
WWW.MEMOREXELECTRONICS.COM
OR CONTACT CUSTOMER SERVICE AT 1-800-919-3647.**

PLEASE KEEP ALL PACKAGING MATERIAL FOR AT LEAST 90 DAYS IN CASE YOU NEED TO RETURN THIS PRODUCT TO YOUR PLACE OF PURCHASE OR MEMOREX.

FOR PARTS AND ACCESSORIES, CONTACT FOX INTERNATIONAL AT 1-800-321-6993.

SPECIFICATIONS

GENERAL

Power SourceAV 120V , 60 Hz
Battery for the Remote2 x AA (LR6) size Alkaline batteries

Left & Right Speakers.....2 x 4 ohms.
Output Power of the Left & Right Speaker 2 x 5W

Subwoofer Speaker.....13 ohms
Output Power of the Subwoofer Speaker5 W

RADIO SECTION

Frequency (FM).....87.5 - 108 MHz
Frequency (AM)520 - 1710 KHz

CD SECTION

Disc Diameter4.72" (120mm)

**NEVER INSERT 3.15" (80MM) SINGLE CDs INTO THE CD COMPARTMENT AS IT
WILL DAMAGE THE UNIT.**

Optical Source.....Semiconductor

D/A Conversion.....1-bit DAC eight times oversampling

MPEG Rate.....32-384Kbps

Sampling Frequency8/11.025/12 KHz for MPEG2.5

.....16/22.05/24KHz for MPFG 2

..... 32/44.1/48KHz for MPEG 1

MP3 PlaybackISO9660 format compatible

Memcorp, Inc.
Weston, FL
Printed in Hong Kong

Visit our website at www.memorexelectronics.com