

Thank you for purchasing the Memorex audio system.

The serial number of your unit can be found on a label on the bottom of the cabinet. We suggest that you record the serial number in the space provided below in case this information is ever needed at a future date.

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.

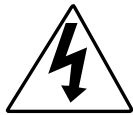
Model Number: MP3124

Serial Number _____

	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
<p>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.</p>		

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

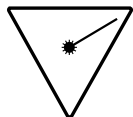
CAUTION: USE OF CONTROLS, ADJUSTMENTS OR PERFORMANCE PROCEDURE HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.



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.

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.

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.

SURGE PROTECTORS:

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

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 damp 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 and 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

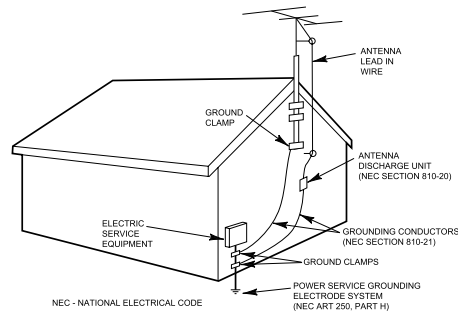
Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.

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

Unpacking and Setup

- Carefully remove the unit from the display carton and remove all packing material from the unit itself.
- The detachable AC power cord is packed in the carton separately from the unit. Make sure that the AC power cord is not accidentally discarded with the carton or packing material.
- Press the CD Door OPEN/CLOSE button to open the CD compartment door. There is a white card in the CD compartment which is intended to prevent the CD pickup from moving during shipment of the product. Remove this card from the CD compartment before use.

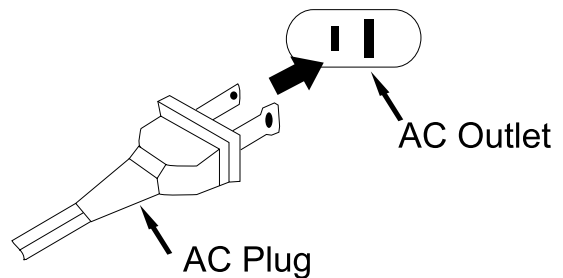
Power Sources

This portable audio system is designed to operate on either 110-120V AC 60Hz house current DC, using 9 'D' batteries and 4 'AA' batteries, not included. Attempting to operate this unit from any other power source may cause damage to the unit, which is not covered by your warranty.

AC Operation

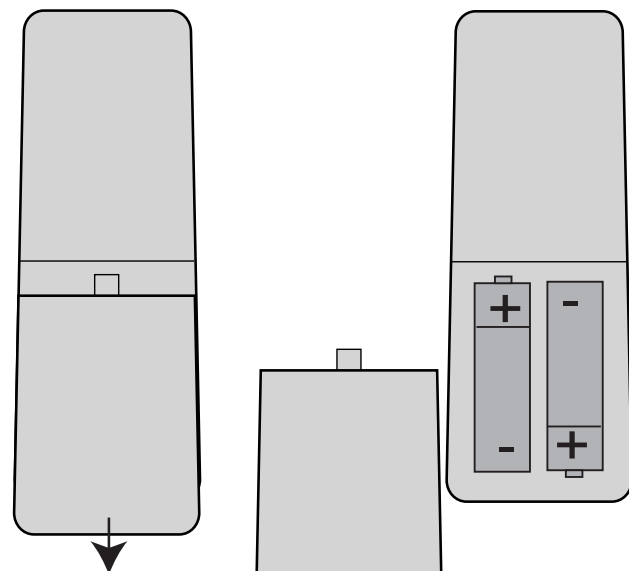
Unwind the AC cord and extend it to its full length. Insert the small end of the AC cord into the AC socket on the back cabinet of the unit. Insert the other end of the AC cord into any convenient 110-120V 60 Hz household outlet.

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.



Battery Installation (Remote Control)

The remote control transmitter is designed to operate with two (2) "AA" size (UM-3) batteries (not included). To install the batteries, slide the battery compartment cover open on the back of the remote control (see figure to the right) and insert two (2) "AA" size (UM-3) batteries observing the polarity (see figure to the right). Replace the battery compartment cover.



3

Battery Operation

The battery compartment is located on the back of the cabinet.

1. Remove the outer battery compartment door by pressing downward on the two tabs as shown in figure 1.
2. Remove the inner battery compartment door by sliding the compartment to the left and then lifting it out with a screwdriver, see figure 2.
3. Insert 4 'AA' size batteries (used for clock/radio preset backup) as shown in figure 3 and then replace the inner battery compartment door.
4. Insert 9 'D' size batteries (used for DC (battery) operation) into the battery compartment as shown in figure 4. Be sure to observe the polarity markings which are engraved inside the battery compartment. If the batteries are inserted incorrectly, the unit will not operate.
5. Replace the battery compartment door.

NOTE: The AC power cord must be disconnected from the AC socket on the back of the unit in order for the unit to operate on battery power.

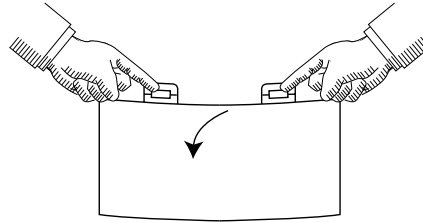


Figure 1

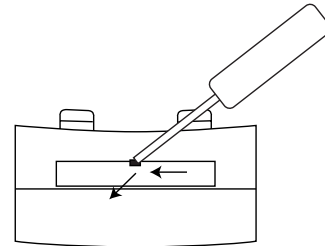


Figure 2

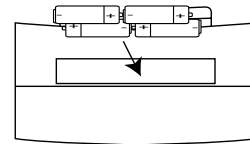


Figure 3

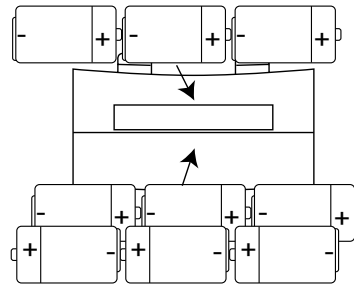


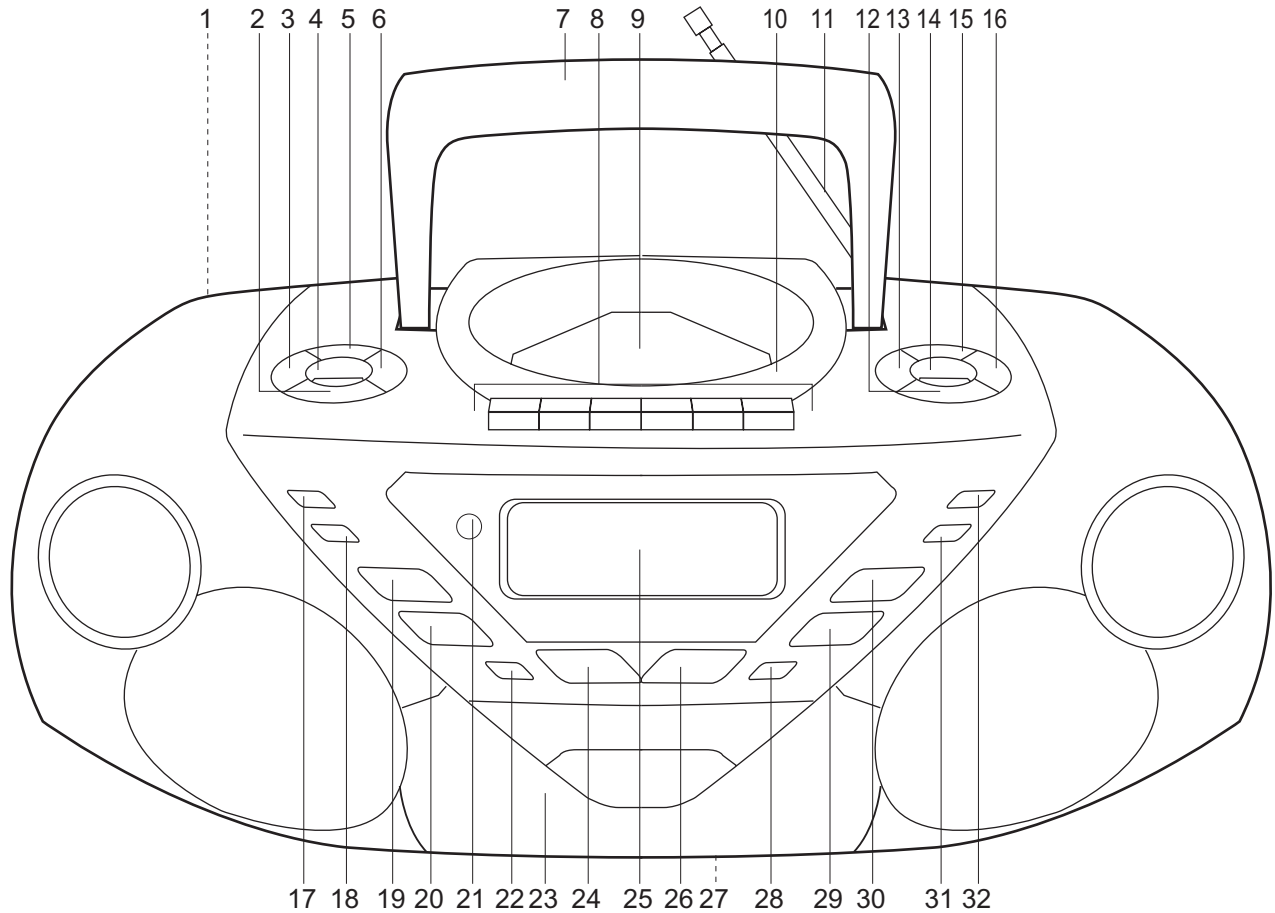
Figure 4

BATTERY PRECAUTIONS

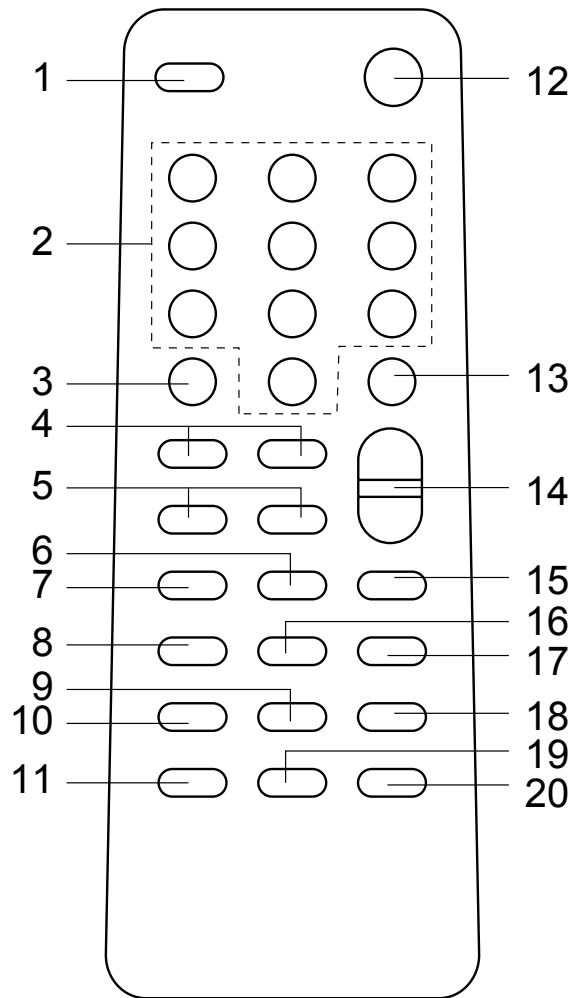
Follow these precautions when using batteries in this device:

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.)

LOCATION OF CONTROLS AND INDICATORS



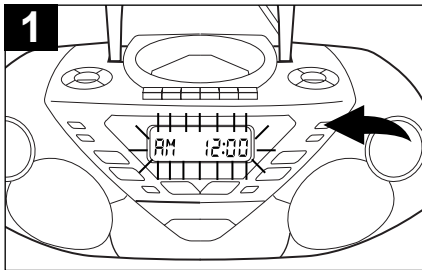
- | | |
|--------------------------------------|--|
| 1. AC Socket (Rear of Unit) | 15. TUNER Function Button |
| 2. VOLUME Down Button | 16. TAPE Function Button |
| 3. POWER/STANDBY Button | 17. PRESET UP/REPEAT Button (1) |
| 4. BBS (Bass Boost System) Button | 18. PRESET DOWN/RANDOM Button (2) |
| 5. VOLUME Up Button | 19. DIRECT/TRACK Button (3) |
| 6. SLEEP Button | 20. NAME/FOLDER(4) |
| 7. Carrying Handle | 21. Remote Sensor |
| 8. Cassette Buttons (left to right): | 22. CHARACTER BACKWARD/CD |
| PAUSE () | Search ◀◀ Button (5) |
| STOP/EJECT (■▲) | 23. Cassette Compartment |
| FAST FORWARD (◀◀) | 24. TUNING DOWN/Skip Reverse (◀◀) Button |
| REWIND (▶▶) | 25. Display |
| PLAY (▶) | 26. TUNING UP/Skip Forward (▶▶) Button |
| RECORD (●) | 27. Battery Compartment (Rear of Unit) |
| 9. CD Compartment Door | 28. CHARACTER FORWARD/CD Search ▶▶ |
| 10. CD Door OPEN/CLOSE Button | Button (6) |
| 11. FM Rod Antenna | 29. CD STOP (■) Button (7) |
| 12. CD Function Button | 30. CD PLAY (▶) Button (8) |
| 13. BAND Button | 31. PAUSE () Button (9) |
| 14. DISPLAY Button | 32. MEMORY/CLOCK SET Button (0) |



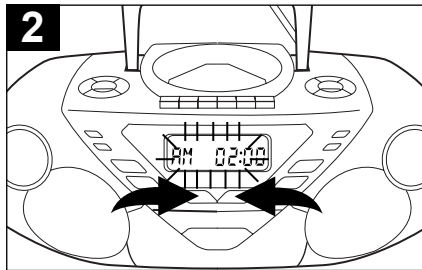
- | | |
|--|-----------------------------|
| 1. MUTE Button | 13. DIRECT/TRACK Button |
| 2. Number Buttons | 14. VOLUME Up/Down Button |
| 3. NAME/FOLDER Button | 15. MEMORY/CLOCK Set Button |
| 4. CHARACTER CD Search ◀◀ and ▶▶ Buttons | 16. PAUSE () Button |
| 5. TUNING/Skip (◀◀) and (▶▶) Buttons | 17. CD STOP (■) Button |
| 6. PRESET UP/REPEAT Button | 18. TAPE Function Button |
| 7. PRESET DOWN/RANDOM Button | 19. X'BASS Button |
| 8. PLAY (▶) Button | 20. DISPLAY Button |
| 9. CD Function Button | |
| 10. TUNER Function Button | |
| 11. BAND Button | |
| 12. POWER Button | |

SETTING THE CLOCK

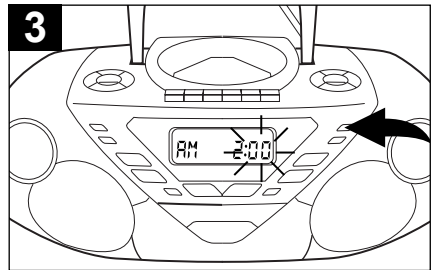
When the unit is first plugged in, the time display will blink. Set the time as follows:



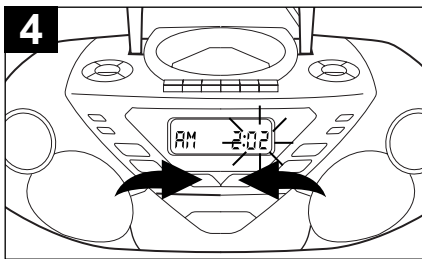
1 Make sure the unit is OFF. Press the MEMORY/CLOCK SET button and the hours will blink.



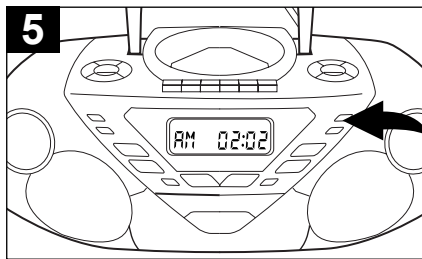
2 Set the correct hour (and AM/PM) using the TUNING UP and DOWN buttons.



3 When finished setting the hour, press the MEMORY/CLOCK SET button again and the minutes will blink.

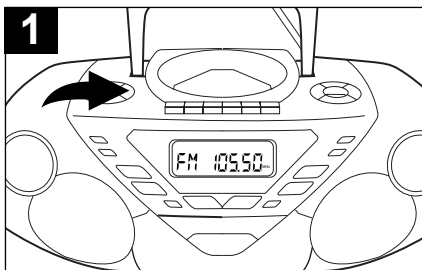


4 Set the correct minute using the TUNING UP and DOWN buttons.

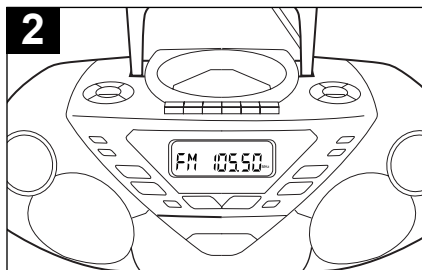


5 When finished setting the hour, press the MEMORY/CLOCK SET button again and the clock will be set.

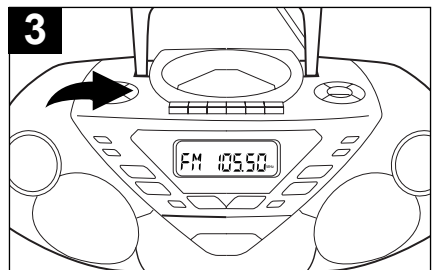
USING THE SLEEP FEATURE



1 Turn the unit on and select a desired source. Press and hold the SLEEP button until the desired Sleep time appears in the display. Sleep time can be set up to 90 minutes.



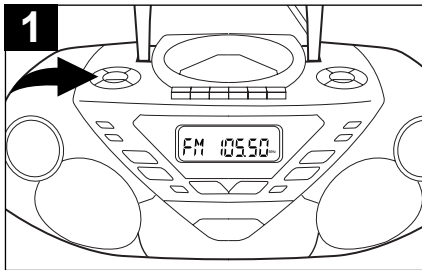
2 The unit will then play the selected source for the minutes selected in step 1 and then shut off.



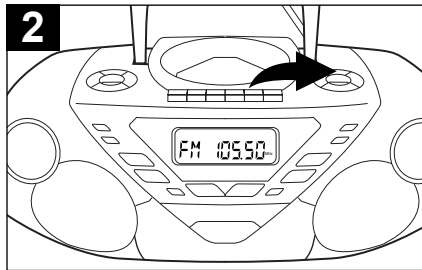
3 To cancel the Sleep time, simply press the SLEEP button again; "SLEEP" will disappear from the display.

OPERATING INSTRUCTIONS

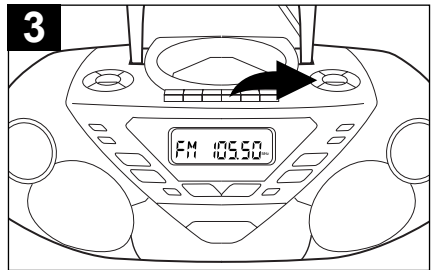
LISTENING TO THE RADIO



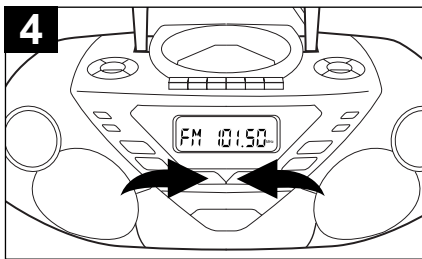
1 Press the POWER/STANDBY button to turn the unit on.



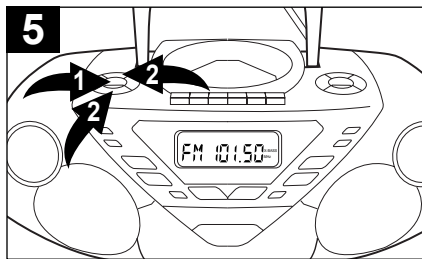
2 Press the TUNER Function button.





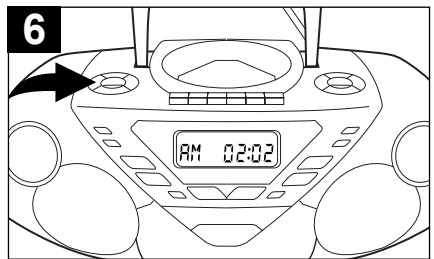
3 Press the BAND button to select a AM or FM band.
NOTE: If you select the FM or band, be sure to raise the FM rod antenna and extend it to its full length.



4 Press the TUNING UP or DOWN button to find the desired station. Sometimes the frequencies are .1 off. For example, to tune in 95.5, you may have to tune to 95.4.



5 For an enhanced Bass sound, press the BBS button ; "X'BASS" will appear in the display. Adjust the VOLUME  as desired.



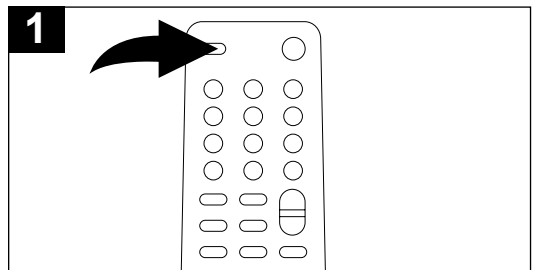
6 When you have finished listening, press the POWER/STANDBY button to turn the unit off, the clock will appear in the display.

Hints for Better Reception

FM - Make sure that the telescopic FM Rod Antenna is raised and extended to its full length. You may have to vary the direction of the antenna to find the strongest signal for each FM station.

AM - The AM ferrite bar antenna is located inside the cabinet. 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.

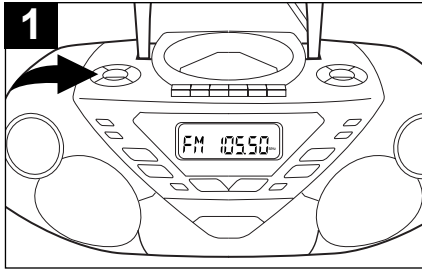
MUTE



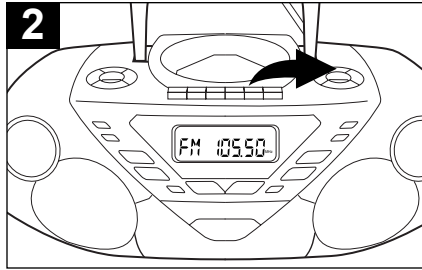
1 To temporarily mute the sound, press the MUTE button, "MUTE" will appear in the display and the sound will be muted. Press the MUTE button again or one of the VOLUME buttons to restore the sound, "MUTE" will disappear in the display.

SETTING RADIO PRESETS

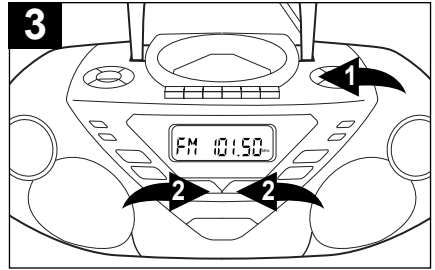
This unit can preset 20 AM and 20 FM radio stations for convenient recall.



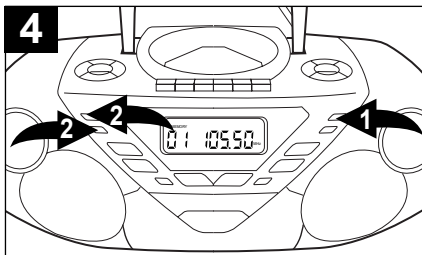
Press the POWER/STANDBY button ❶ to turn the unit on.



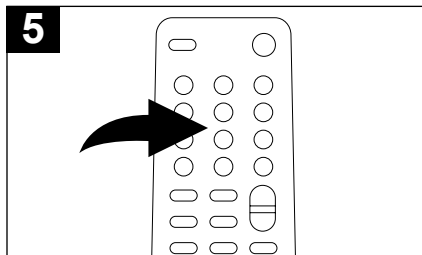
Press the TUNER Function button.



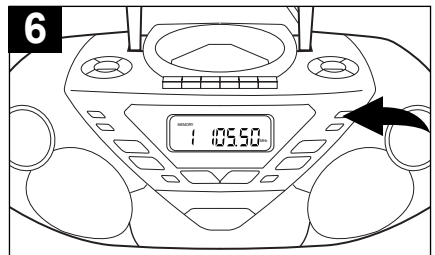
Press the BAND button ❶ to select a AM or FM band. Press the TUNING UP or DOWN button ❷ to find the desired station.



Press the MEMORY/CLOCK SET button ❶. Within 3 seconds, press the PRESET UP or DOWN button ❷ until the desired memory number appears on the display.

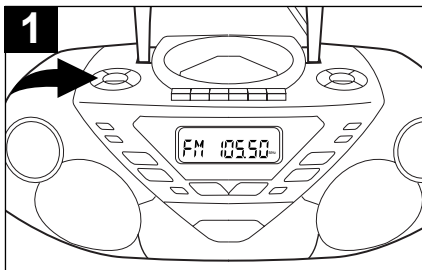


You can also directly select the memory number using the Number buttons on the remote control.

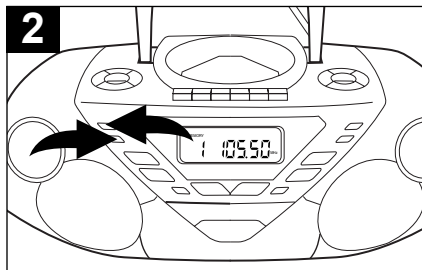


Within 3 seconds, press the MEMORY/CLOCK SET button again to set the station in the selected memory.

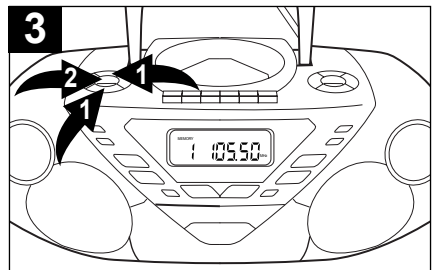
RECALLING RADIO PRESETS



Follow steps 1 to 3 above.



Press the PRESET UP or DOWN button to select a preset or directly select a preset using the Number buttons on the remote control; the station will automatically be tuned in.

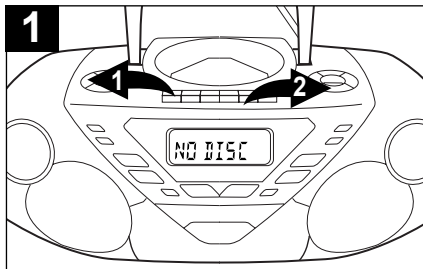


Set the VOLUME ❶ and BBS ❷ as desired.

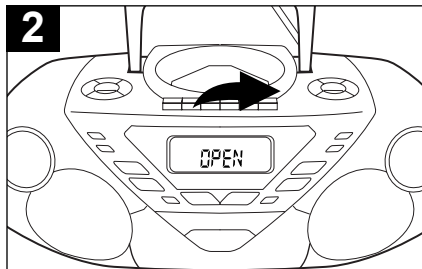
PLAYING COMPACT DISCS

NORMAL PLAYBACK

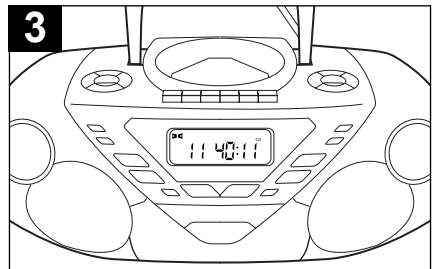
This CD player is designed to play all kinds of Audio Discs and MP3 CD ROMS, such as CD recordables and rewritables. Do not try to play CDI, CDV, DVD or computer CDs.



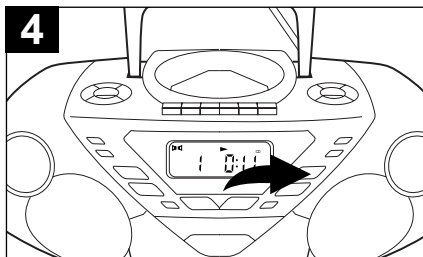
Press the POWER/STANDBY button **1** to turn the unit on. Press the CD Function button **2**.



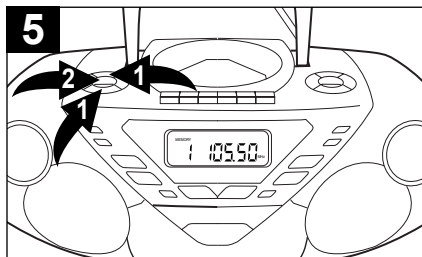
Open the CD compartment lid by pressing the OPEN/CLOSE button.



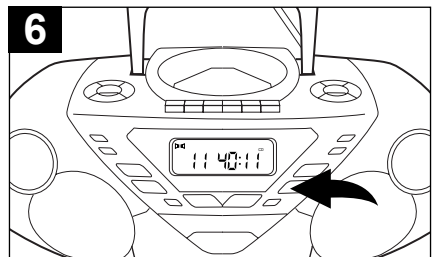
Insert a disc, label side up, into the compartment. Close the CD compartment lid; the total tracks and playing time will appear in the display. (If an MP3 CD is inserted, the total folders and tracks will appear.)



Press the PLAY (▶) button to begin playback; the current track and elapsed playing time will appear in the display.



Set the VOLUME **1** and BBS **2** as desired.



When the disc is through playing, it will stop. Press the STOP (■) button to stop the disc before it is finished.

CD PLAYBACK NOTES:

- See page 13 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 on "finalizing" in your CD recorder's manual.
- This unit is capable of playing standard CDs or 3" singles; no adapter is required.
- If a disc is inserted incorrectly, dirty, damaged or not present at all, "NO DISC" will appear in the display.
- Playback will stop when you open the CD compartment, but it is not recommended to open the compartment before the STOP (■) button is pressed.
- It may take 10 to 30 seconds for the player to read an MP3 CD and begin playback, depending on the number of tracks burned on the CD.

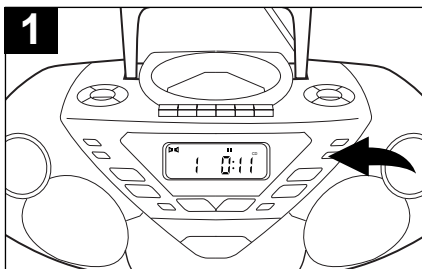
DISPLAY

During playback of a normal CD, press the DISPLAY button once and the remaining time of the track will appear in the display. Press the DISPLAY button again and the total remaining time of the CD will appear. Press again to return to elapsed time.

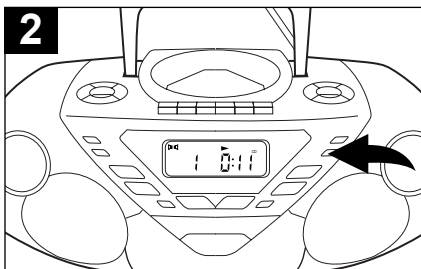
During playback of an MP3 CD, press the DISPLAY button to cycle as follows:

- 1st Press: The file name will appear.
- 2nd Press: The folder name will appear.
- 3rd Press: The Title will appear (if ID3 set)
If no ID3 tags are included for the track, then "NO INFO" will appear. In this case, a 4th press will revert the display back to normal.
- 4th Press: The Artist will appear (if ID3 set)
- 5th Press: The Album will appear (if ID3 set)
- 6th Press: The display will revert back to normal.

CD PAUSE CONTROL

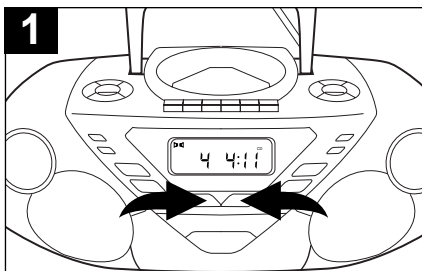


During CD playback, if you wish to Pause the disc momentarily, press the PAUSE (||) button. Playback stops but the disc continues to spin and the Pause indicator appears in the display.

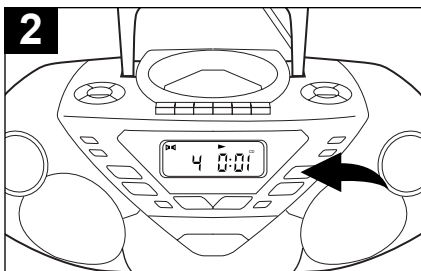


Press the PAUSE (||) button again to release Pause and resume normal CD playback. The sound returns and the Playback indicator appears.

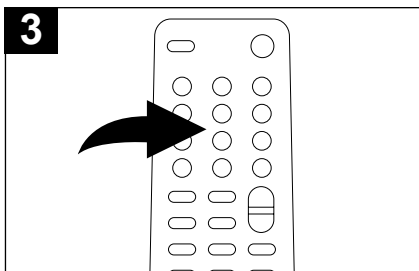
TO BEGIN PLAYBACK FROM A SPECIFIC TRACK



After you insert the disc into the CD player and the total number of tracks appear on the display, you may press the TUNING DOWN/Skip Reverse or TUNING UP/Skip Forward button to select a specific track for playback.

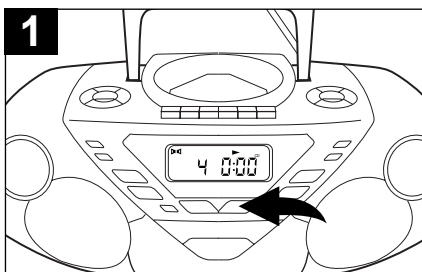


When the desired track number appears in the display, press the PLAY (▶) button. Playback will begin on the track you selected.

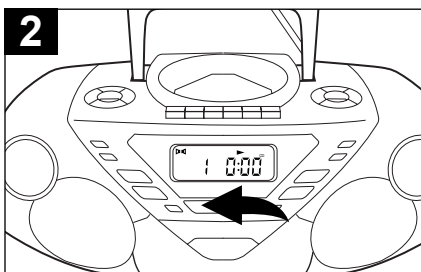


You can also directly select tracks 1 through 9 by using the Number buttons on the remote control. Once selected, they will automatically play. If selecting a track over 9, use the the TUNING DOWN or UP button.

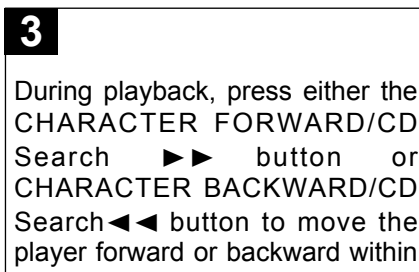
FORWARD/REVERSE SKIP TRACK AND HIGH-SPEED MUSIC SEARCH



During playback, press the TUNING UP/Skip Forward button once to advance the player to the beginning of the next track. Press the TUNING UP/Skip Forward button repeatedly to advance the player to higher number tracks.



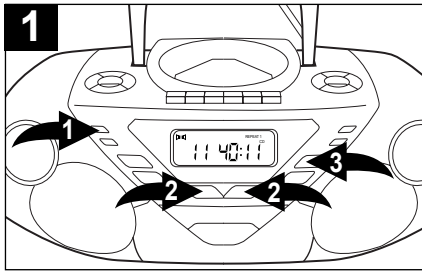
During playback, press the TUNING DOWN/Skip Reverse once to move the player back to the beginning of the previous track. Press the TUNING DOWN/Skip Reverse repeatedly to move the player back to lower-numbered tracks.



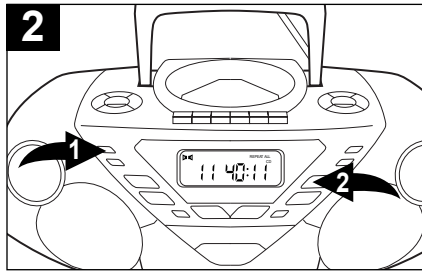
During playback, press either the CHARACTER FORWARD/CD Search ▶▶ button or CHARACTER BACKWARD/CD Search ◀◀ button to move the player forward or backward within a track to locate a specific musical passage. The player will move forward or backward at high speed until the PLAY (▶) button is pressed again; normal playback will resume at that point.



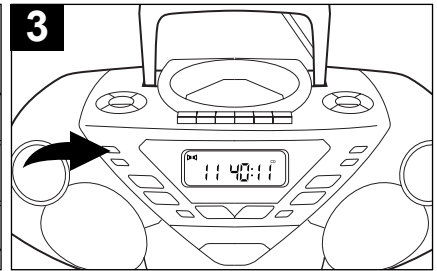
REPEAT PLAYBACK



To repeat a single track, press the PRESET UP/REPEAT button ❶ once "REPEAT 1" will appear in the display. Press the TUNING UP/Skip Forward or TUNING DOWN/Skip Backward buttons ❷ to select the specific track that you wish to repeat. When the desired track number appears in the display, press the PLAY (▶) button ❸ to begin playback. The specific track you selected will be repeated continuously.



To repeat all of the tracks on a disc continuously, press the PRESET UP/REPEAT button ❶ twice; "REPEAT ALL" will appear in the display. Press the PLAY (▶) button ❷ to begin all tracks repeat.

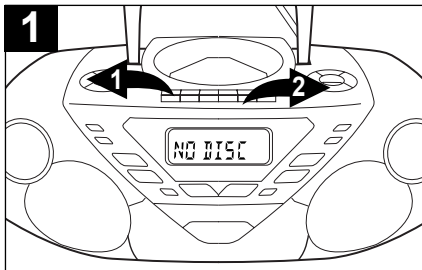


To cancel Repeat Playback, press the PRESET UP/REPEAT button until the Repeat indicator disappears from the display.

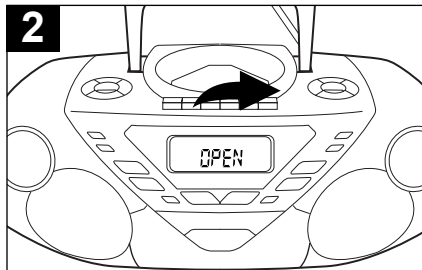
PROGRAMMED PLAYBACK

The CD player in this unit has a 40 track programmable memory that allows you to program up to 40 tracks on any disc for playback in any desired order. You may program 40 different tracks or you may also program certain tracks to play more than once.

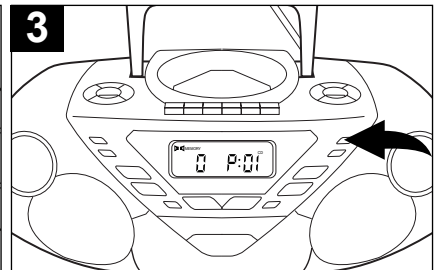
To perform programmed playback, proceed as follows:



Press the POWER/STANDBY button ❶ to turn the unit on and press the CD Function button ❷.

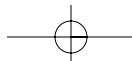


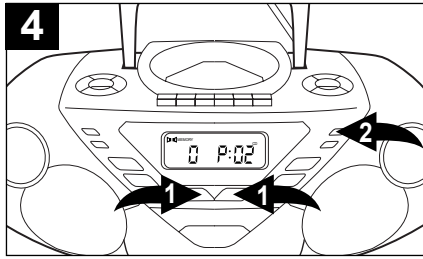
Open the CD Compartment door and insert your disc in the CD player. Close the CD compartment door.



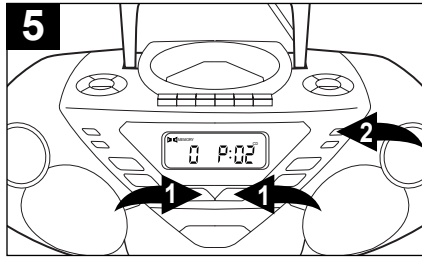
Press the MEMORY/CLOCK SET button; "MEMORY" will appear in the display and the "P:01" will appear.

PROGRAMMED PLAYBACK SECTION CONTINUED ON NEXT PAGE.

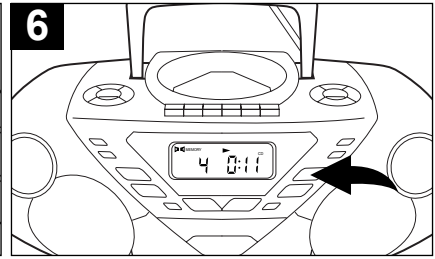




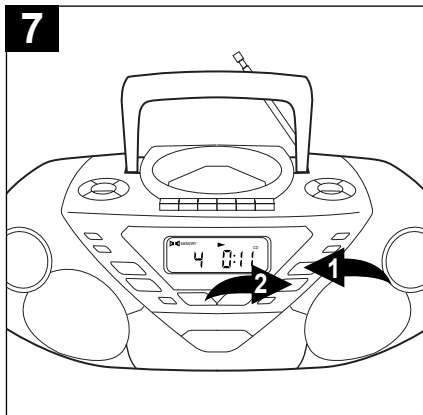
Press the TUNING DOWN/ Skip Reverse or TUNING UP/Skip Forward button ❶ to select the first track that you wish to program. Example: Track 5. When the desired track number (Example: Track 5) appears in the display, press the MEMORY/ CLOCK SET button ❷ again. The display will then show, "P:02" indicating program 2 is ready to be set.



Repeat step 4 until all desired tracks have been programmed (up to 40). You can repeat a track more than once if desired.



After programming up to 40 tracks in the CD Program Memory, press the PLAY (▶) button 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.

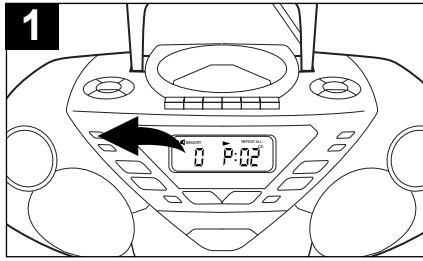


The player will continue to play all of the tracks that you programmed in the order in which you programmed them. When the last programmed track has been played, the player will stop. "MEMORY" will remain in the display and the program is still active. If you press the PLAY (▶) button ❶ again, playback 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, press the STOP (■) button ❷ twice.

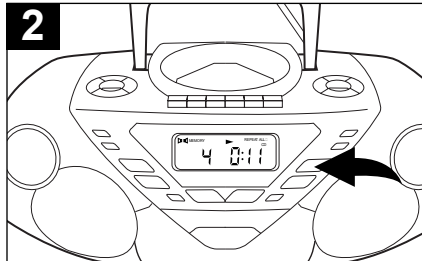
NOTES ON PROGRAM PLAYBACK

- You can review the program by pressing the MEMORY/CLOCK SET button when playback is stopped.
- You can change tracks in a program by simply selecting the desired track using the MEMORY/CLOCK SET button, and then use the TUNING UP or DOWN button to change it.
- Press the STOP (■) button to stop the program before it is finished.
- Each file may be stored in the program memory as many times as desired (up to 40 files).
- If 40 tracks are set, "END" will appear in the display.

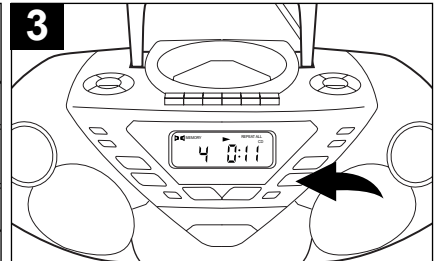
PROGRAMMED REPEAT



It is also possible to use the Program and Repeat functions together to repeat a specific program indefinitely. First, program the tracks you wish to hear in the order you wish to hear them, as described above. Then, press the PRESET UP/REPEAT button twice. Both indicators will appear in the display.



Press the PLAY (▶) 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.



Program Repeat operation will continue indefinitely until you press the STOP (■) button, or turn the unit off.

MP3 FAQs (Frequently Asked Questions)

Please read before playing an MP3 CD.

What is an MP3 file?

An MP3 file is a computer format that makes a usually large music file into a smaller one which is more convenient to download and share.

Can I record my own MP3 CDs?

Yes, but you need a CD recorder, which is available from your local computer store.

Where can I find MP3 files?

MP3 files are available all over the internet.

Can the MP3124 read CD-RW (Rewriteable CDRs)?

Yes it can. However, you must reformat the CD-RW every time you want to record new group of MP3 files. No multi-session recording allowed.

Can the MP3124 read regular music CDs?

Yes it can. However, you cannot mix MP3s and WAV files on the same CD. If you do this CD Player 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 your CD player will ignore those files and read only the MP3 files on the CDR.

Does the MP3124 support multi-session CDRs?

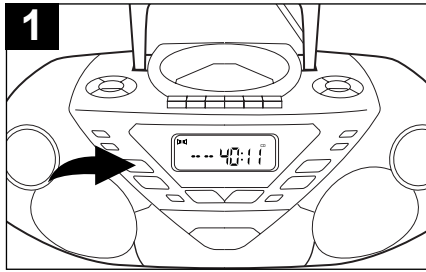
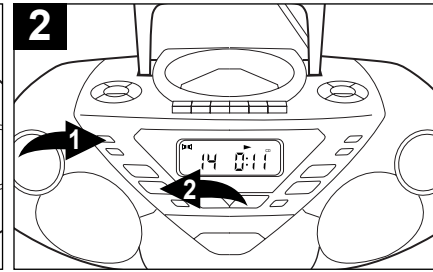
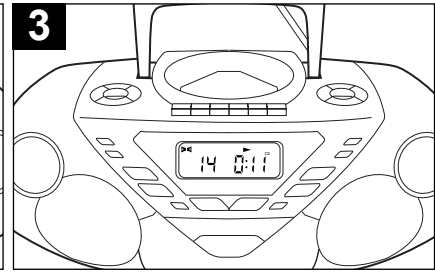
No it will not. It supports only single session recorded CDRs. Single-session means you must burn all your MP3 files on the CDR at once, and they must have an MPEG rate of 32-256Kbps.

Does the MP3124 support subdirectories (subfolders)?

Yes, the MP3124 can read MP3 files from subfolders.

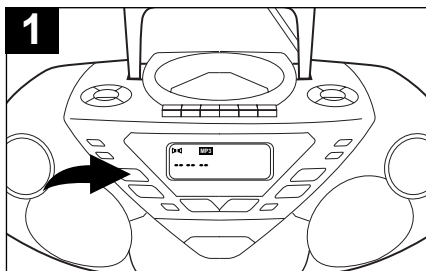
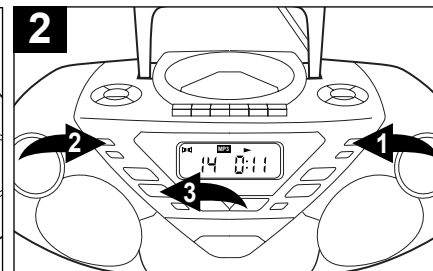
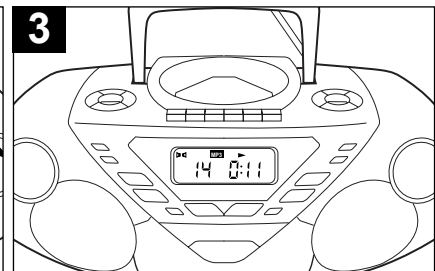
DIRECT/TRACK (STANDARD CD)

If a CD is inserted, you can directly enter the desired track number as follows:

		
<p>Press the DIRECT/TRACK button once; “- - -” will appear in the display,</p>	<p>Select a track by directly entering it. For example, press PRESET UP/ REPEAT(1) ❶ and NAME /FOLDER(4) ❷ buttons to enter in track number 14.</p>	<p>The unit will automatically begin playing back the selected track.</p>

DIRECT/TRACK (MP3 CD)

If an MP3 CD with or without Multiple Directories is inserted, you can directly enter the desired file number as follows:

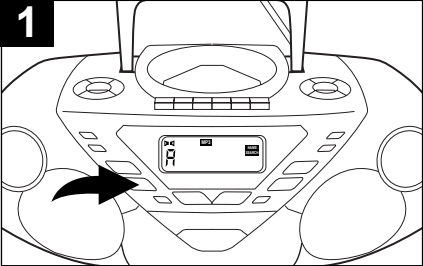
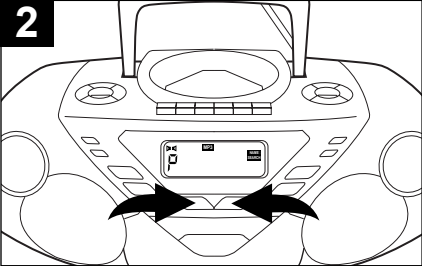
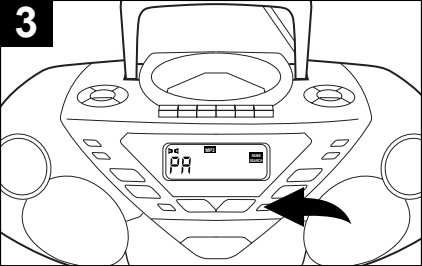
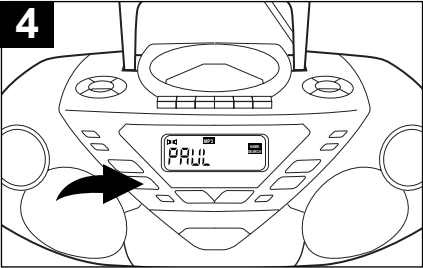
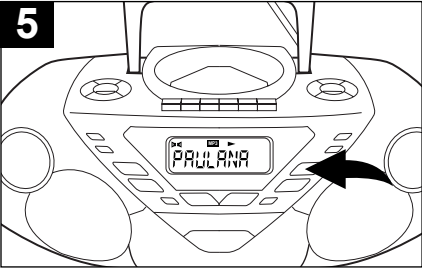
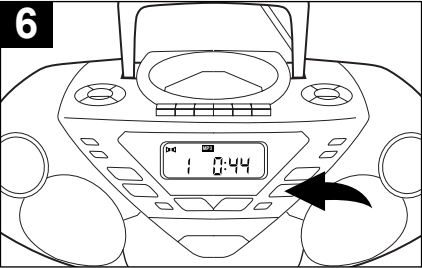
		
<p>Press the DIRECT/TRACK button once; “- - -” will appear in the display,</p>	<p>Within 5 seconds, select a file by directly entering it. For example, press MEMORY/CLOCK SET (0) ❶, then the PRESET UP/ REPEAT(1) ❷ and NAME /FOLDER(4) ❸ buttons to enter in file number 014.</p>	<p>The unit will automatically begin playing back the selected file.</p>

NOTES ON DIRECT/TRACK SELECTION

- When an MP3 CD is inserted and the DIRECT/TRACK button is pressed, you must press a button within 3 seconds after each other, otherwise, the player will revert back to normal operation.
- When entering a DIRECT/TRACK, 3 digits must be entered when using MP3 CDs, and 2 digits must be pressed when using standard CDs.

MP3 SELECTING MP3 FILES BY NAME

You can search for a MP3 file name as follows:

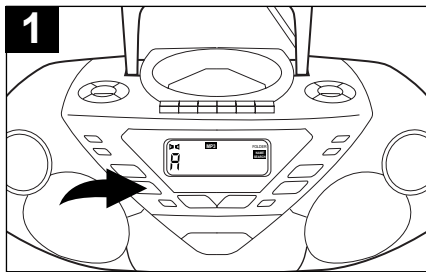
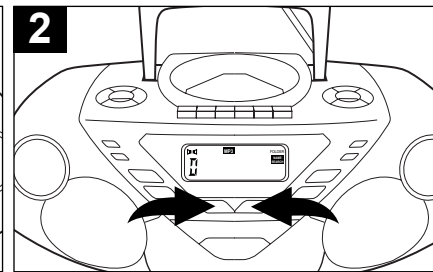
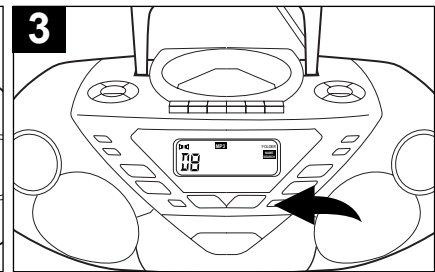
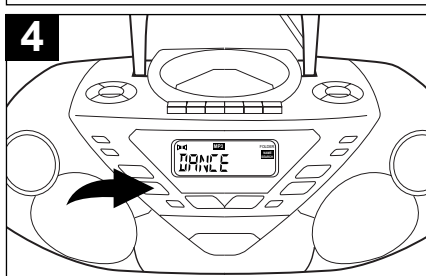
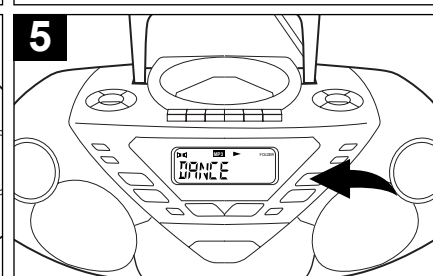
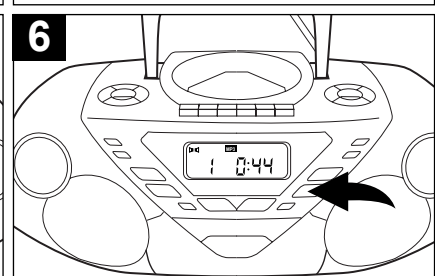
		
<p>Press the NAME/FOLDER button once; "NAME SEARCH" will appear in the display.</p>	<p>Press the TUNING UP or DOWN button to select the first letter/number of the file name.</p>	<p>Press the CHARACTER FORWARD button and the cursor will advance one to allow you to enter the next letter/number.</p>
		
<p>Repeat steps 2 and 3 to select as many letters/numbers as desired (up to 8). When the desired letters have been entered, press the NAME/ FOLDER button again.</p>	<p>The unit will search and will briefly show the track number, and then the file name. If this is the desired file, press the PLAY (▶) button to begin playback of this track.</p>	<p>Press the CD STOP (■) button to stop playback.</p>

NOTES ON SELECTING MP3 FILES BY NAME

- If you make an error while entering a file name, simply press the CHARACTER BACKWARD button to go back and fix.
- NAME/FOLDER does not have a function when using standard CDs.
- You do not have to enter the complete file name, simply enter the first few characters if desired.
- If you input a file name that does not exist, "--NONE--" will appear in the display.

MP3 SELECTING MP3 FOLDERS BY NAME

You can search for a MP3 folders as follows:

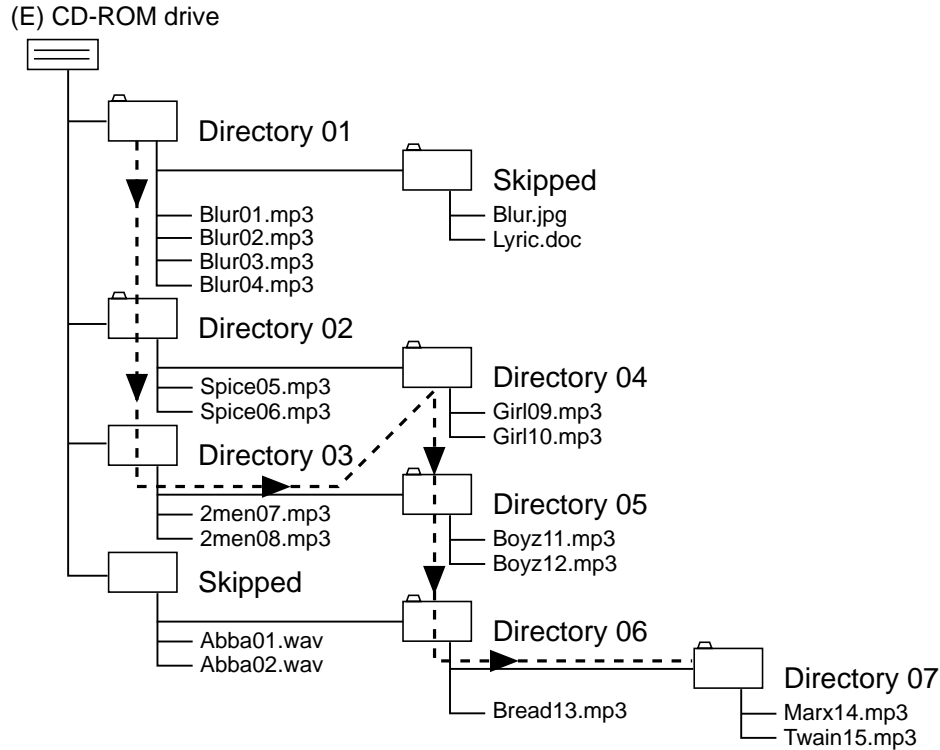
		
<p>Press and hold the NAME/FOLDER button until "FOLDER" and "NAME SEARCH" will appear in the display.</p>	<p>Press the TUNING UP or DOWN button to select the first letter/number of the folder name.</p>	<p>Press the CHARACTER FORWARD button and the cursor will advance one to allow you to enter the next letter/number.</p>
		
<p>Repeat steps 2 and 3 to select as many letters/numbers as desired (up to 8). When the desired letters have been entered, press the NAME/ FOLDER button again.</p>	<p>The unit will search and will briefly show the track number where the folder begins, and then the folder name. If this is the desired folder, press the PLAY (▶) button and the first track of this folder will play.</p>	<p>Press the CD STOP (■) button to stop playback.</p>

NOTES ON SELECTING MP3 FOLDERS BY NAME

- If you make an error while entering a folder name, simply press the CHARACTER BACKWARD button to go back and fix.
- NAME/FOLDER does not have a function when using standard CDs.
- You do not have to enter the complete folder name, simply enter the first few characters if desired.
- If you input a folder name that does not exist, "--NONE--" will appear in the display.

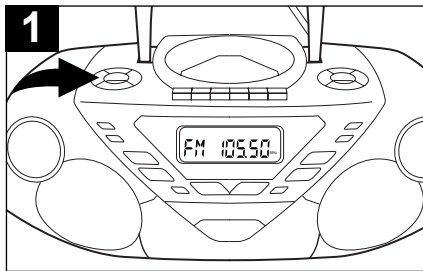
SINGLE SESSION

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 Folders/Albums. Check the added notes to help you understand the MP3 CD unit display and the playback sequence of folders/albums and tracks on a single session MP3 CD.

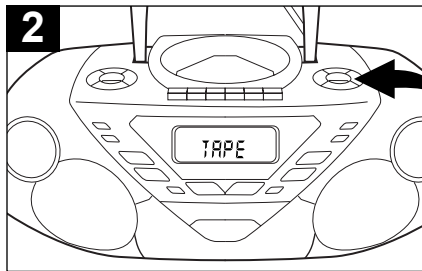


- The arrow pathway shows the sequence of MP3 directory and file playback.
- This example has a total of 7 MP3 directories.
- Based on this layout, the first file will be "Blur01.mp3" and the last file will be "Twain15.mp3".
- When the MP3 CD is inserted into the CD player, the first digit in the display will be the folders, and the second digit will be the total number of tracks.
- "Skipped" denotes a directory which contains non-audio files only, e.g. jpg, wav, etc. These cannot be detected nor played on this player. When an album contains mixed format files, the non-MP3 files will be skipped.

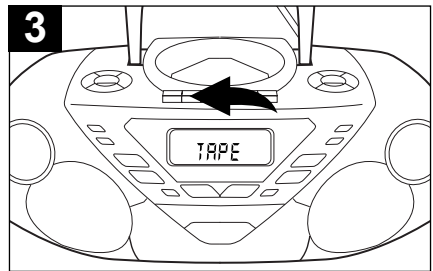
PLAYING CASSETTE TAPES



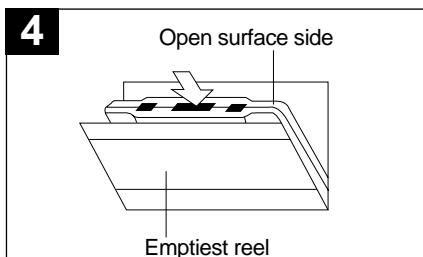
1 Press the POWER/STANDBY button to turn the unit on.



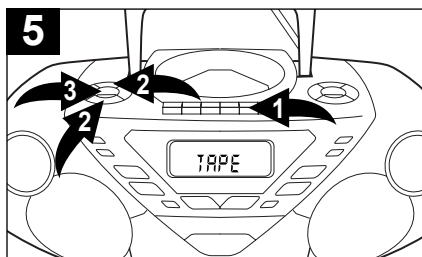
2 Press the TAPE Function button.



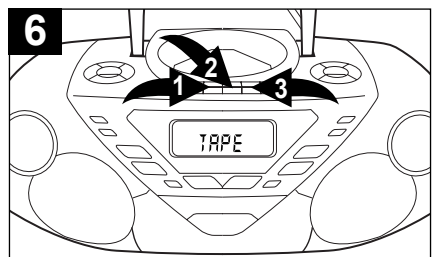
3 Press the Stop/Eject (■▲) button to open the Cassette Door.



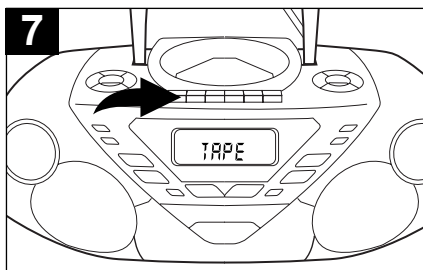
4 Insert a pre-recorded cassette into the slots in the Cassette Door with the open end facing up and the full reel on the right side. Close the cassette door.



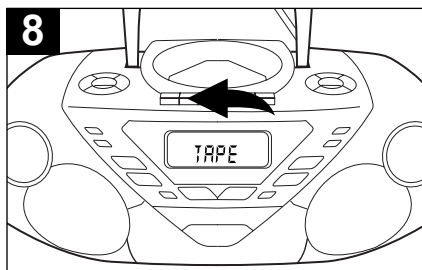
5 Press the PLAY (◀) button ① to begin playback. Adjust the VOLUME ② and BBS ③ as desired.



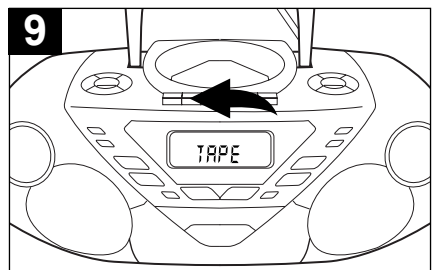
6 To advance or rewind the tape rapidly, press either the F.FWD (◀◀) ① or REWIND (▶▶) ② button. When you reach the desired point, press the PLAY (▶) button ③ to resume normal playback.



7 To pause playback momentarily, press the PAUSE (||) button. The tape movement stops but the tape motor is still running. Press the PAUSE (||) button again to release Pause and resume normal playback.



8 To stop playback before the tape ends, press the STOP/EJECT (■▲) button. The PLAY button is released and the tape motor shuts off.

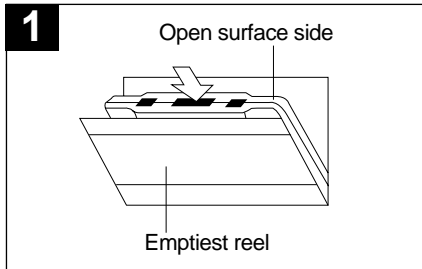


9 When the tape reaches the end, the auto-stop mechanism activates, the PLAY button is released and the tape motor shuts off. Press the STOP/EJECT (■▲) button to open the Cassette Door and remove the tape.

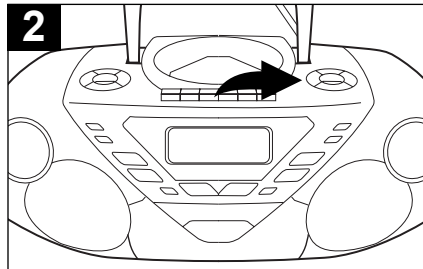
MAKING A TAPE RECORDING

The tape recorder in this system allows you to make direct recordings from the radio or CD player to a blank cassette in the tape compartment. An automatic recording volume level control (ALC) circuit will automatically control the volume level of your recordings to prevent distortion. You may change the settings of the volume or the Stereo-Wide controls during a tape recording, as these controls have no effect on the material being recorded onto the tape.

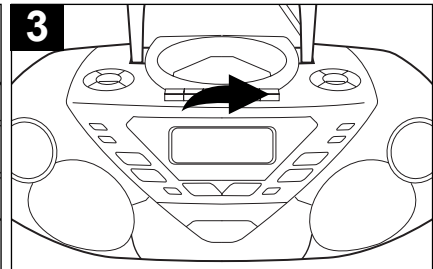
To make a tape recording, proceed as follows:



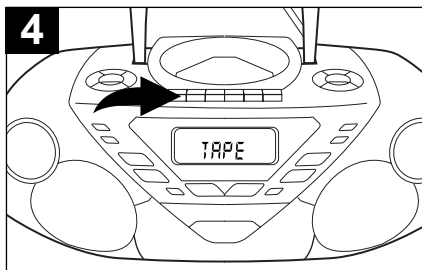
Open the Cassette Door and insert a good quality blank cassette tape into the slots on the door, with the open end facing up and the full reel on the right-hand side. Close the Cassette Door.



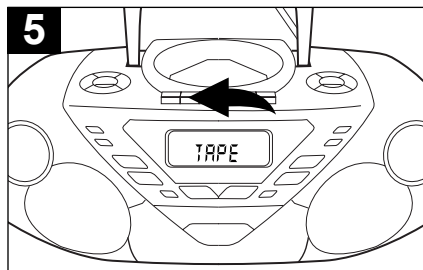
Press the desired Function button to select the function you wish to record, either radio or CD, and operate that function according to its own instructions.



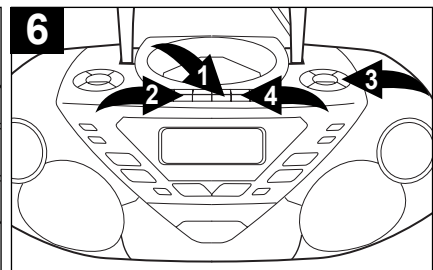
When you are ready to begin recording, press the RECORD (●) button. The PLAY (◀) button will also engage. The tape will begin moving and all of the material from your selected source will be recorded on the tape.



To avoid recording unwanted material, such as radio commercials, use the PAUSE (||) button to stop the recording temporarily. Release the PAUSE (||) button to begin recording again.



When you are finished recording, press the STOP/EJECT (■▲) button to stop the tape.



If you wish to listen to your recording immediately, press the cassette REWIND (▶▶) button ① until the tape rewinds to the beginning, then press the STOP/EJECT (■▲) button ②. Press the TAPE Function button ③ and press the PLAY (◀) button ④ to begin playback.

CARE AND MAINTENANCE

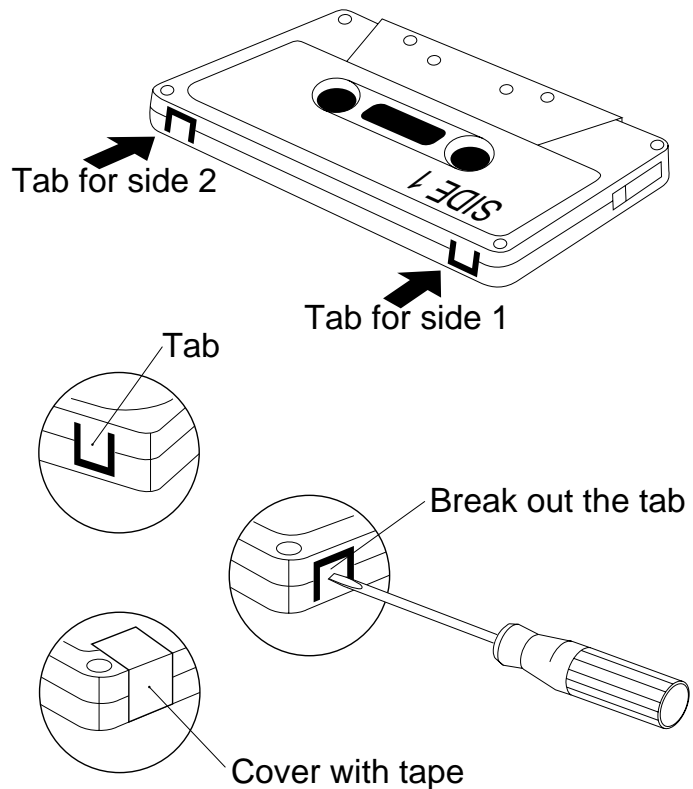
SAFEGUARD AGAINST ACCIDENTAL ERASURE

When a new recording is made, any program material previously recorded is automatically erased and only the new recording remains. To safeguard valuable recordings from being erased accidentally, the cassette and the deck are equipped with a special device.

On the back of the cassette there is an erase prevention tab on each side. To prevent accidental erasing, break out these tabs with a screwdriver. If only one side of the tape is to be protected, break out the tab on the left side with the side desired facing you.

To record on a tape in which the tab has been broken, place a piece of adhesive tape over that area.

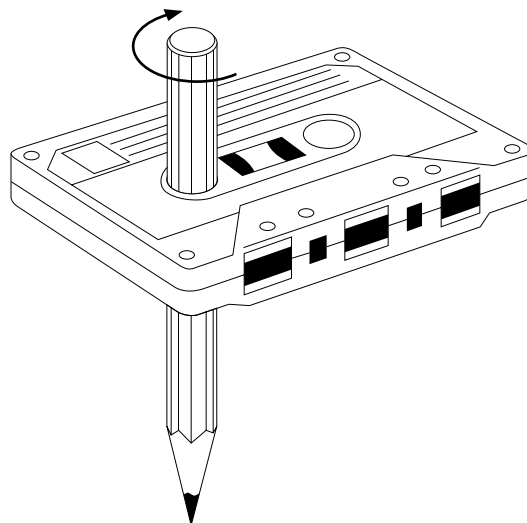
NOTE: When a tab is broken out, the record button cannot be depressed.



CASSETTE TAPE RECOMMENDATIONS

Standard tape lengths have 15 (C-30), 30 (C-60) and 45 (C-90) minutes of recording time on each side. Longer length tapes of 60 (C-120) minutes of recording time on each side are not recommended. Use only high quality tapes. If a problem develops, check the unit first with another cassette to determine if the problem is with the cassette, and not with the unit.

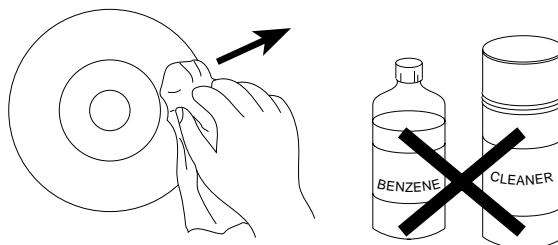
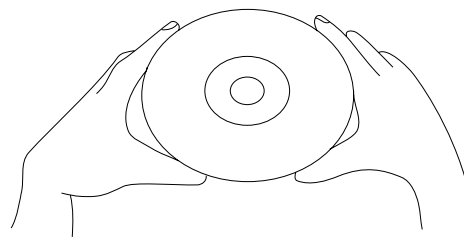
If there is any slack in the tape in the cassette, it should be removed before inserting the cassette. Place a pencil in one of the hubs and rotate toward the outside of the cassette until all slack is taken up.



CARE AND MAINTENANCE

Caring for Compact Discs

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

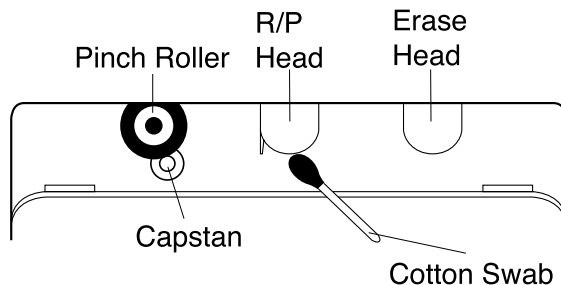


- This unit is designed to play only compact discs bearing the identification logo as shown here. Other discs may not conform to the CD standard and may not play properly.
- Compact Discs should be stored in their cases after each use to avoid damage.
- Do not expose compact discs to direct sunlight,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



Cleaning the unit

- To prevent fire or shock hazard, disconnect your unit from the AC power source when cleaning.
- The finish on your unit may be cleaned with a dust cloth and cared for as other furniture. Use caution when cleaning and wiping the plastic parts.
- Mild soap and a damp cloth may be used on the front panel.
- Periodic cleaning of the tape heads, capstan and pinch roller is necessary to maintain good sound reproduction. Clean them after every 100 hours of use or less if playback has deteriorated. Use a cotton swab moistened with head cleaning solution or isopropyl alcohol, then wipe dry with another swab.



NOTE: Never use metal objects on or near the tape heads. Do not allow cleaning material to fall into the tape assembly.

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.
	FM: Telescopic antenna is not properly adjusted.	Reorient FM telescopic antenna.
	AM: Unit is not positioned correctly.	Rotate unit until best reception is obtained.
AM or FM, no sound.	TUNER Function button not pressed.	Press the TUNER Function button.
	Volume at minimum.	Increase Volume.
Cassette Player		
No sound.	TAPE Function button not pressed.	Press the TAPE Function button.
	Volume at minimum.	Increase Volume.
Sound distorted.	Dirty head.	Clean the head.
Speed varies.	Tape old or worn.	Replace the tape.
	Batteries are low.	Replace the batteries.
Cassette Recorder		
Will not record.	Erase prevention tab removed.	Cover hole with adhesive tape.
Distorted sound on playback.	Defective tape or dirty tape head.	Replace tape or clean tape head.
Compact Disc Player		
CD Player will not play.	CD Function button not pressed.	Press the CD Function button.
	CD is not installed or installed upside-down.	Insert CD with label side up.
CD skips while playing.	Disc is dirty or scratched.	Wipe disc with cloth or use another disc.
General		
No Sound.	Power cord disconnected.	Connect power cord.
	No batteries.	Insert batteries.

**FOR ADDITIONAL SET-UP OR OPERATING ASSISTANCE, PLEASE VISIT OUR WEBSITE AT WWW.MEMCORPINC.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 INT'L AT 1-800-321-6993.



**LIMITED WARRANTY
AUDIO**

We at MEMOREX believe you will be pleased with your new Product. Please read this Warranty carefully. Memorex warrants this product to be free from manufacturing defects including original parts and workmanship for a period of ninety (90) days from the date of original purchase in, and if used in, the United States.

Should you find your unit is not operating properly during the terms of full coverage of this warranty, ninety (90) days, you should contact your original place of purchase for an exchange with a valid receipt. If necessary, Memorex will provide one of the following options (at Memorex's discretion), providing the manufacturing defect is verified along with the date of purchase.

- Repair service for ninety (90) days from date of original purchase at no charge for labor and parts at their authorized warranty service facility, providing the manufacturing defect is verified along with the date of purchase.
- Replacement of defective unit with either a new, refurbished, or equivalent model at no charge for ninety (90) days from date of original purchase.

This warranty is void if the product is:

- A) Damaged through negligence, abuse, misuse, accident, or acts of God.
- B) Used in commercial applications or rentals.
- C) Modified or repaired by anyone other than Memorex or their expressly authorized representative.
- D) Damage resulting from the improper connection to equipment of other manufacturers.

This warranty does not cover:

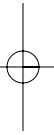
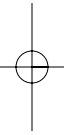
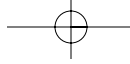
- A) Cost incurred in the shipping of the product to and from the Memorex authorized repair facility listed.
- B) Damage or improper operation caused by the failure to follow the operating instructions provided with the product.
- C) Routine adjustments to the product, which can be performed by the customer as outlined in the owner's manual.
- D) Signal reception problems caused by external factors.
- E) Products not purchased in the United States.
- F) Damage to the products used outside the United States.
- G) Damage to audio cassette tapes.
- H) Damage to Compact Discs.

In the event that service is required under this warranty, please visit our WEBSITE at www.memcorpinc.com or contact CUSTOMER SERVICE at 1-800-919-3647 for instructions.

THIS WARRANTY IS NON-TRANSFERABLE AND APPLIES SOLELY TO THE ORIGINAL PURCHASER AND DOES NOT EXTEND TO SUBSEQUENT OWNERS OF THE PRODUCT. ANY APPLICABLE IMPLIED WARRANTIES, INCLUDING THE WARRANTY OF MERCHANTABILITY, ARE LIMITED IN DURATION TO A PERIOD OF THE EXPRESSED WARRANTY AS PROVIDED HEREIN BEGINNING WITH THE DATE OF THE ORIGINAL PURCHASE AT RETAIL AND NO WARRANTIES, WHETHER EXPRESSED OR IMPLIED SHALL APPLY TO THE PRODUCT THEREAFTER. MEMOREX MAKES NO WARRANTY AS TO THE FITNESS OF THE PRODUCT FOR ANY PARTICULAR PURPOSE OR USE.

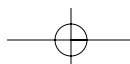
THE EXTENT OF MEMOREX'S LIABILITY UNDER THIS LIMITED WARRANTY IS THE REPAIR OR REPLACEMENT PROVIDED ABOVE AT THE SOLE DISCRETION OF MEMOREX. IN NO EVENT SHALL MEMOREX'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY THE PURCHASER. UNDER NO CIRCUMSTANCES SHALL MEMCORP BE LIABLE FOR ANY LOSS, DIRECT, INDIRECT, INCIDENTAL, FORESEEN, UNFORESEEN, SPECIAL, OR CONSEQUENTIAL DAMAGE ARISING OUT OF OR IN CONNECTION WITH THE USE OF THIS PRODUCT. THIS WARRANTY IS VALID ONLY IN THE UNITED STATES. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, HOWEVER, YOU MAY HAVE OTHER RIGHTS WHICH MAY VARY FROM STATE TO STATE. SOME STATES DO NOT ALLOW LIMITATIONS ON IMPLIED WARRANTIES OR EXCLUSION OF CONSEQUENTIAL DAMAGE, THEREFORE THESE RESTRICTIONS MAY NOT APPLY TO YOU.

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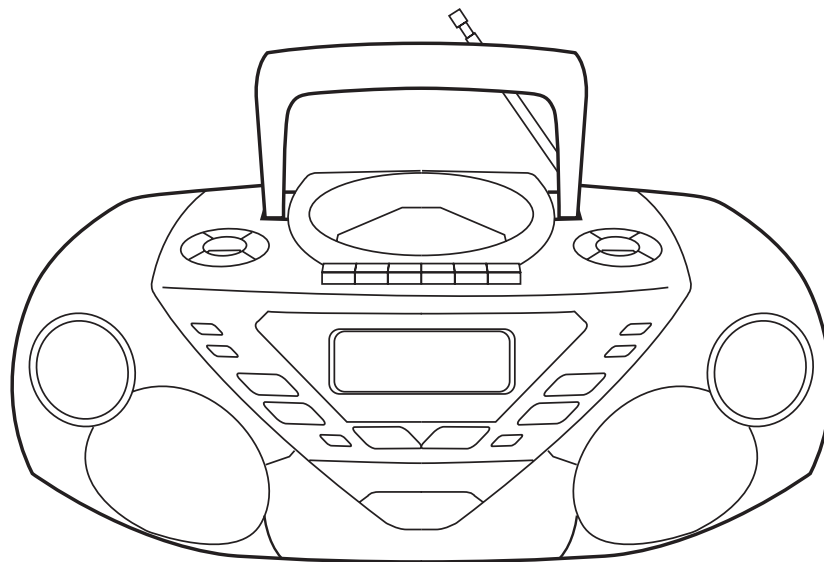


Memorex[®]

PORTABLE STEREO DIGITAL SOUND SYSTEM WITH MP3 PLAYER

MODEL: MP3124

**BEFORE OPERATING THIS PRODUCT, PLEASE READ THESE
INSTRUCTIONS COMPLETELY.**



OPERATING INSTRUCTIONS