

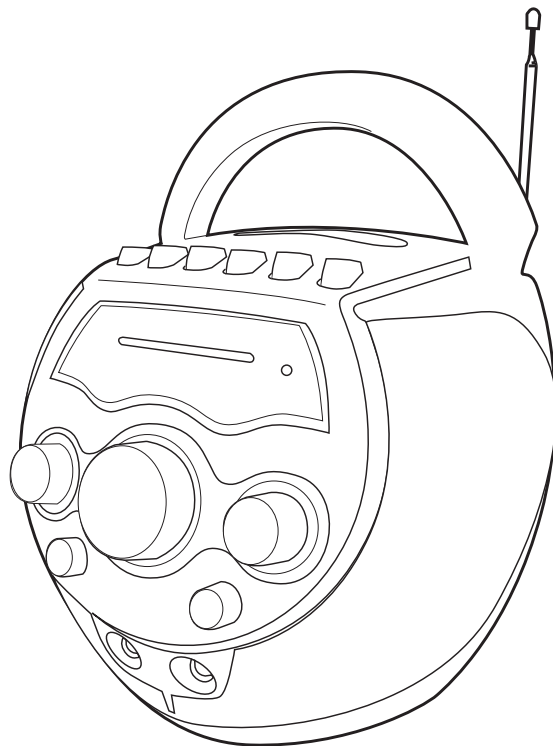
Memorex[®]

Is it live or is it Memorex?[™]

MKS1019

User's Guide

Portable Karaoke with
AM/FM Radio and
Cassette Recorder



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

Dear Customer,

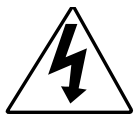
Please read this manual thoroughly before operating the unit to become more familiar with it and obtain the performance that will bring you continued enjoyment for many years. Keep these instructions handy for future reference.

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	
<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>		



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.

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.

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.

Dear Customer:

Selecting fine audio equipment such as the unit you've just purchased is only the start of your musical enjoyment. Now it's time to consider how you can maximize the fun and excitement your equipment offers. This manufacturer and the Electronic Industries Association's Consumer Electronics Group want you to get the most out of your equipment by playing it at a safe level. One that lets the sound come through loud and clear without annoying blaring or distortion-and, most importantly, without affecting your sensitive hearing.

Sound can be deceiving. Over time your hearing "comfort level" adapts to higher volumes of sound. So what sounds "normal" can actually be loud and harmful to your hearing. Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

To establish a safe level:

- Start your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, and without distortion.

Once you have established a comfortable sound level:

- Set the dial and leave it there.

Taking a minute to do this now will help to prevent hearing damage or loss in the future. After all, we want you listening for a lifetime.

We Want You Listening For A Lifetime

Used wisely, your new sound equipment will provide a lifetime of fun and enjoyment. Since hearing damage from loud noise is often undetectable until it is too late, this manufacturer and the Electronic Industries Association's Consumer Electronics Group recommend you avoid prolonged exposure to excessive noise. This list of sound levels is included for your protection.

Decibel

<u>Level</u>	<u>Example</u>
30	Quiet library, soft whispers
40	Living room, refrigerator, bedroom away from traffic
50	Light traffic, normal conversation, quiet office
60	Air conditioner at 20 feet, sewing machine
70	Vacuum cleaner, hair dryer, noisy restaurant
80	Average city traffic, garbage disposals, alarm clock at two feet

THE FOLLOWING NOISES CAN BE DANGEROUS UNDER CONSTANT EXPOSURE:

90	Subway, motorcycle, truck traffic, lawn mower
100	Garbage truck, chain saw, pneumatic drill
120	Rock band concert in front of speakers, thunderclap
140	Gunshot blast, jet engine
180	Rocket launching pad

Information courtesy of the Deafness Research Foundation.



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

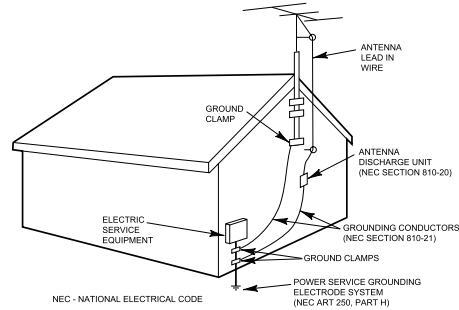
Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.

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.

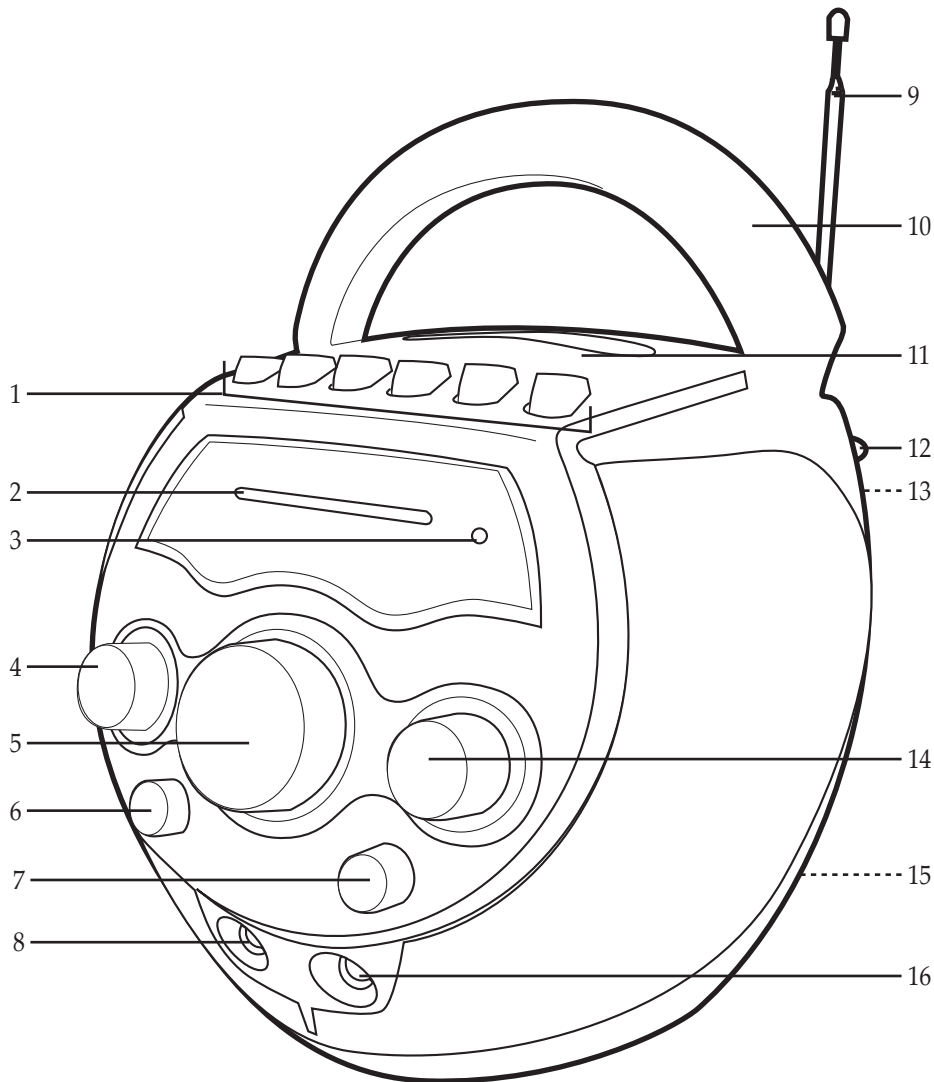
23. HEAT

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.

LOCATION OF CONTROLS



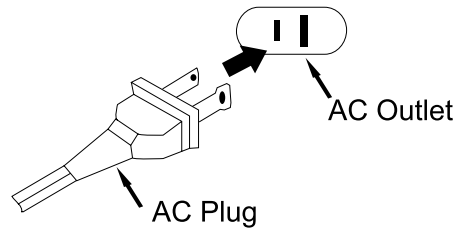
- | | |
|---|--|
| <p>1. Cassette Buttons (right to left):
 PAUSE ()
 STOP/EJECT (■▲)
 F.FWD (▶▶)
 REWIND (◀◀)
 PLAY (▶)
 RECORD (●)</p> <p>2. AM/FM Dial Scale and Pointer</p> <p>3. POWER Indicator</p> <p>4. ECHO Control</p> <p>5. MASTER VOLUME Control</p> <p>6. BALANCE Control</p> | <p>7. FUNCTION (AM/FM/TAPE-RADIO OFF) Control</p> <p>8. MIC 1 Jack</p> <p>9. FM Antenna</p> <p>10. Carrying Handle</p> <p>11. Cassette Compartment</p> <p>12. TUNING Control</p> <p>13. AC Jack (Rear of Unit)</p> <p>14. MIC VOLUME Control</p> <p>15. Battery Compartment (Rear of Unit)</p> <p>16. MIC 2 Jack</p> |
|---|--|

CONNECTIONS

AC:

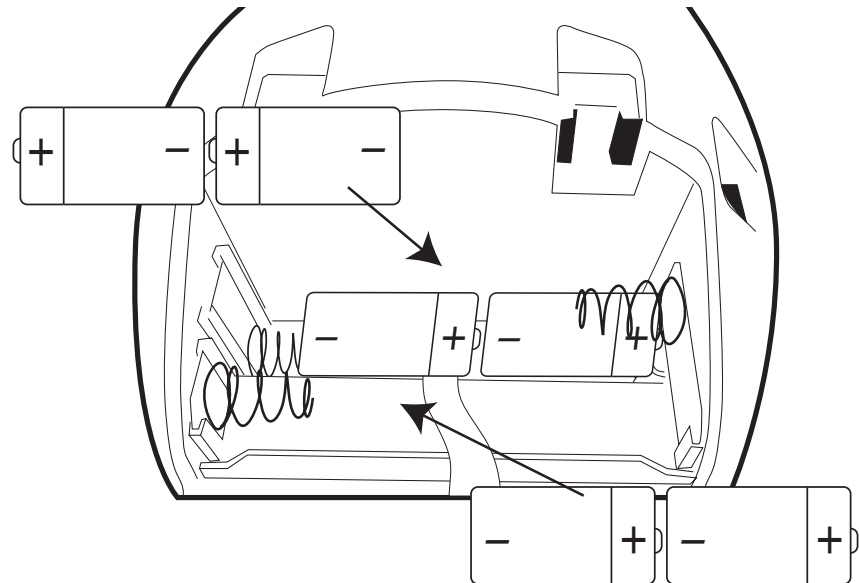
Use the AC polarized line cord included with the unit for operation on AC power. Insert the small end of the AC cord into the AC socket on the back cabinet of the unit. Insert the other end of the AC cord into any convenient 120V 60Hz household outlet.

NOTE: The AC plug supplied with the unit is polarized to help minimize the possibility of electric shock. If the AC plug does not fit into a nonpolarized AC outlet, do not file or cut the wide blade. It is the user's responsibility to have an electrician replace the obsolete outlet.



DC:

Remove the battery cover on the rear of the unit and insert six (6) "C" cell batteries (not included), observing the battery polarity indicated inside the compartment. Replace the Battery Compartment cover.



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, Carbon-zinc and Rechargeable) 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.)

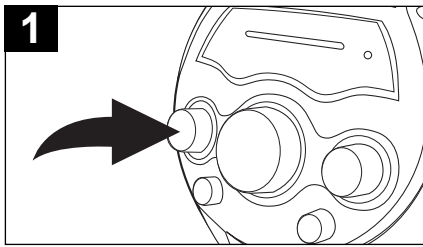
CONNECTING THE MICROPHONE(S)

This unit has two microphone jacks, use one with the supplied microphone, which will allow you to sing along with your favorite songs. Before connecting, make sure the MIC VOLUME control is set to minimum. If only connecting one microphone, connect it to the MIC 1 jack.

Only one microphone is included with this model.

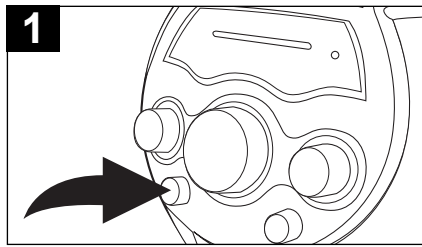
OPERATION

ECHO CONTROL



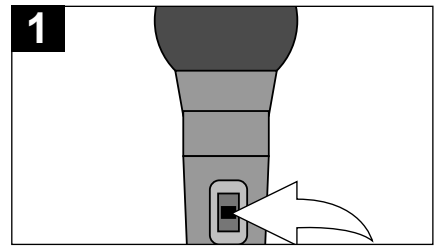
Rotate the ECHO control clockwise to increase the echo or counterclockwise to decrease the echo.

BALANCE CONTROL



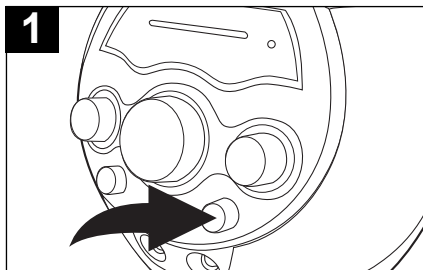
Rotate the BALANCE control clockwise to decrease the left speaker's sound or counterclockwise to decrease the right speaker's sound

MIC ON/OFF SWITCH

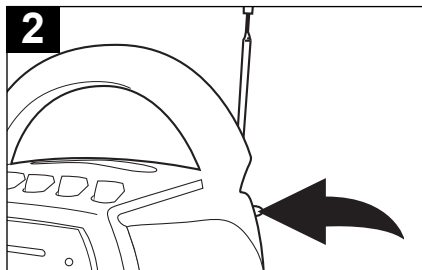


To turn the microphone on, slide the ON/OFF switch, located on the side of the microphone, to the ON position. To turn the microphone off, slide the ON/OFF switch to the OFF position.

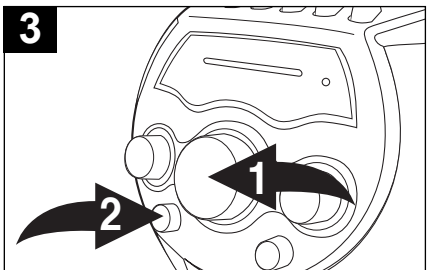
RADIO OPERATION



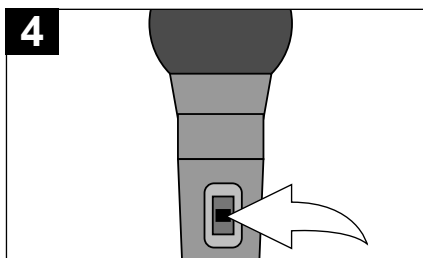
Rotate the FUNCTION control to the AM or FM position; the Power indicator will light.



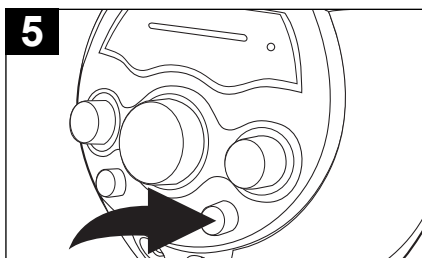
Rotate the TUNING control to select a station.



Adjust the MASTER VOLUME ❶ and BALANCE ❷ controls as desired.



If desired, plug in one or two microphones and slide the ON/OFF switch, located on the side of the microphone, to the ON position. Adjust the MIC VOLUME control as desired. Sing or speak with the radio.



Slide the FUNCTION control to the TAPE/RADIO OFF position to turn the unit off.

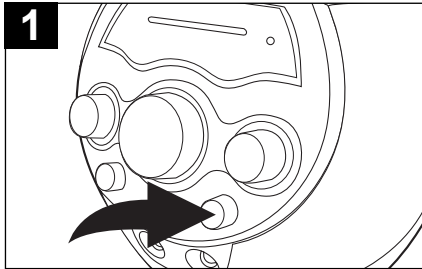
ANTENNAS

AM – This unit has a built-in ferrite rod antenna, which provides adequate reception in most areas. If reception is weak, turn the unit to improve reception.

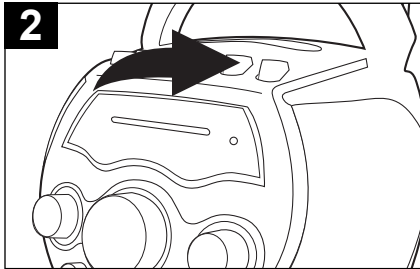
FM – This unit has an FM rod antenna. If reception is weak, extend and rotate the rod antenna.

CASSETTE TAPE OPERATION

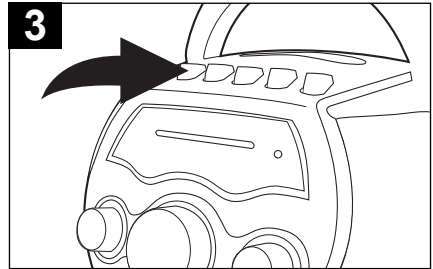
PLAYING CASSETTE TAPES



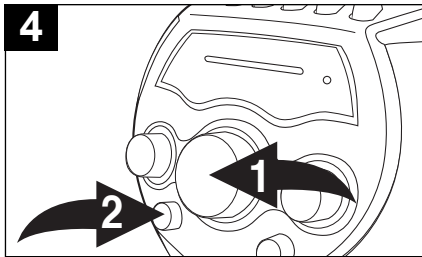
Slide the **FUNCTION** control to the **TAPE/RADIO OFF** position.



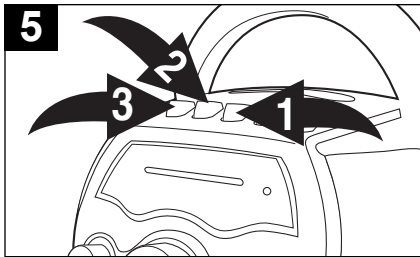
Press the **STOP/EJECT** (■▲) button to open the **Cassette Door** and insert a cassette with the open end facing the front of the unit. Close the **Cassette Door**.



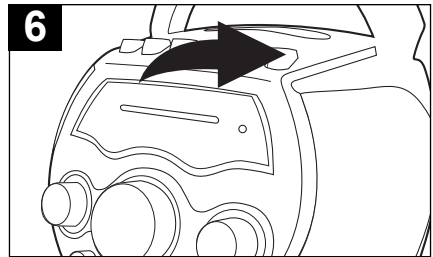
Press the **PLAY** (▶) button to begin playback.



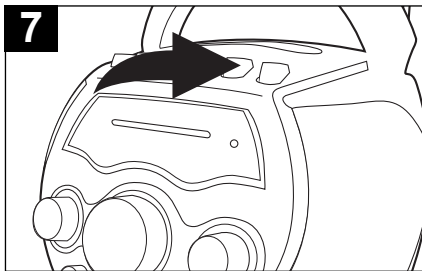
Adjust the **MASTER VOLUME** ❶ and **BALANCE** ❷ controls as desired.



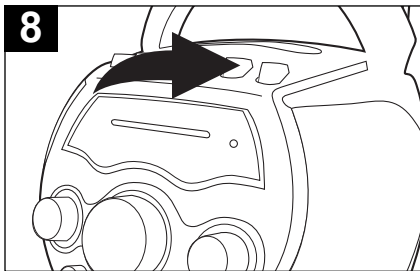
To advance or rewind the tape rapidly, press either the **F.FWD** (▶▶) ❶ or **REWIND** (◀◀) ❷ button. When you reach the desired point, press the **PLAY** (▶) button ❸ to resume normal playback.



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.



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



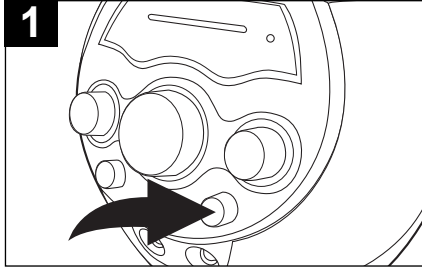
When the tape reaches the end, the auto-stop mechanism activates, the **PLAY** (▶) button is released and the tape motor shuts off. Press the **STOP/EJECT** (■▲) button to open the **Cassette Door** and remove the tape.

TO SING ALONG

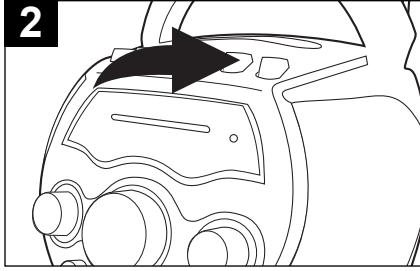
If you would like to sing along with a tape, simply play the tape, insert one or two microphones and sing along!

CASSETTE TAPE OPERATION (CONTINUED)

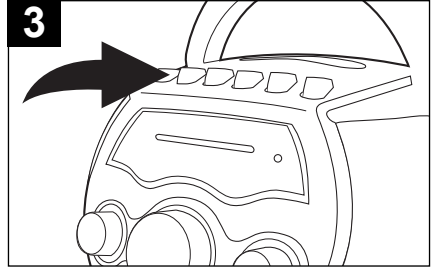
RECORDING FROM THE RADIO OR MICROPHONE (NON-KARAOKE)



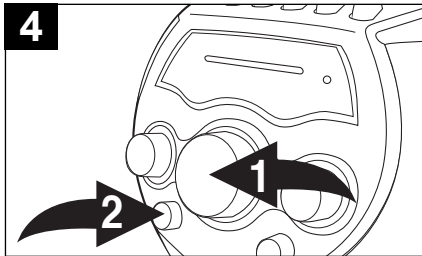
Slide the **FUNCTION** control to the **TAPE/RADIO OFF** position if recording from a microphone or the **FM/AM** position if recording from the radio.



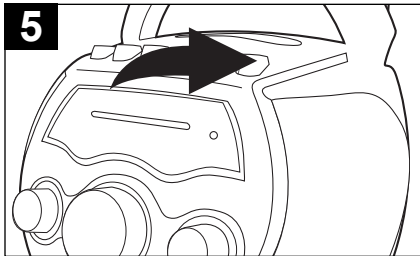
Press the **STOP/EJECT** (■▲) button to open the Cassette Door and insert a blank cassette with the open end facing the front of the unit. Close the Cassette Door.



When ready to record, press the **RECORD** (●) button (the **PLAY** (▶) button will automatically depress).



Adjust the **MASTER VOLUME** ❶ and **BALANCE** ❷ controls as desired. This does not affect the recording due to the ALC circuit.

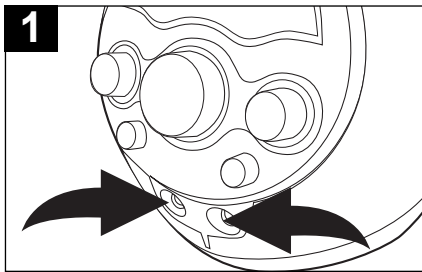


To pause recording momentarily, press the **PAUSE** (||) button. The tape movement stops but the tape motor is still running. Press the **PAUSE** (||) button again to release pause and resume recording.

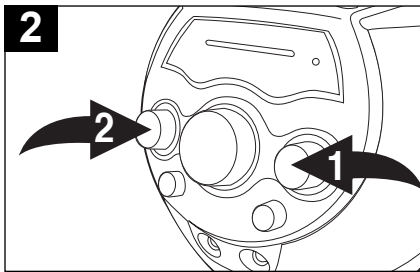
NOTES:

- Refer to **SAFEGUARD AGAINST ACCIDENTAL ERASURE** section (page 9) if the **RECORD** button cannot be pressed.
- Keep the microphones away from the unit to avoid feedback.

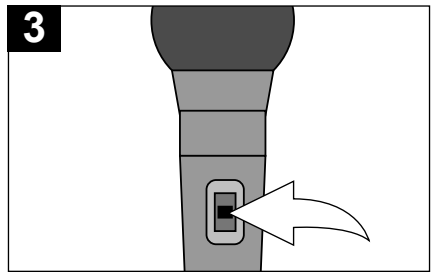
KARAOKE RECORDING FROM THE RADIO OR MICROPHONE(S)



Insert one or two microphones into the **MICROPHONE** jacks shown above, then repeat steps 1 to 3 on top of page.



Adjust the **MIC VOLUME** control ❶ as desired. Increasing this control will increase the volume of the respective microphone. Adjust the **ECHO** control ❷ to add an echo effect to your voice. The **ECHO** control ❷ is variable so add as much or as little reverb as desired.



Slide the **ON/OFF** switch, located on the side of the microphone, to the **ON** position. Sing or talk into the microphone(s) and both the audio and the microphone(s) will be recorded onto the cassette tape.

CARE AND MAINTENANCE

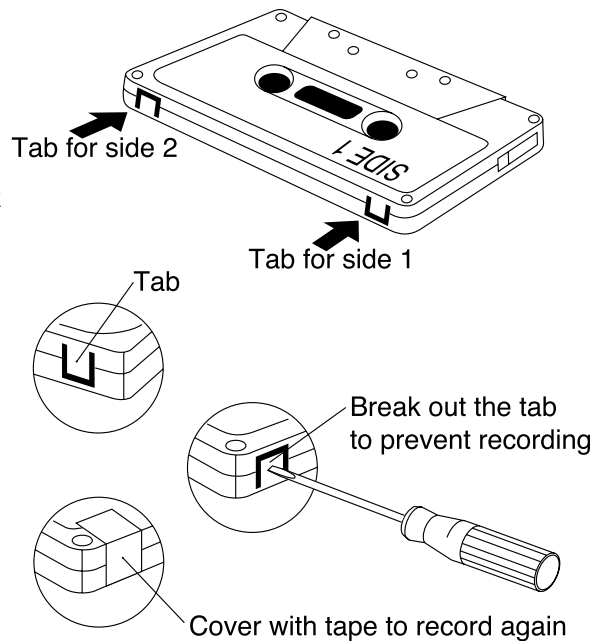
SAFEGUARD AGAINST ACCIDENTAL ERASURE

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.

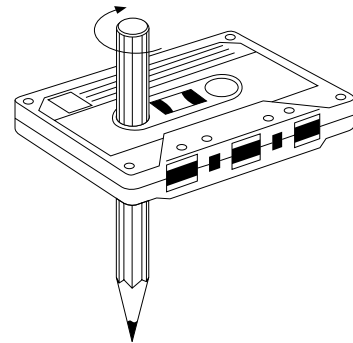
NOTE: When a tab is broken out, the record button cannot be depressed.



CASSETTE TAPE RECOMMENDATIONS

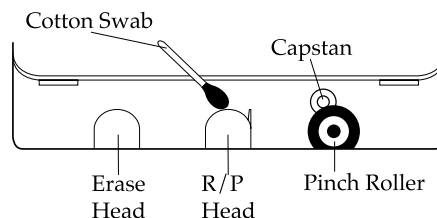
Standard tape lengths have 15 (C-30), 30 (C-60) and 45 (C-90) minutes of recording time on each side. Longer length tapes of 60 (C-120) minutes of recording time on each side are not recommended. Use only high quality tapes. If a problem develops, check the unit first with another cassette to determine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

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



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 any cleaning material to fall into the tape assembly.

TROUBLESHOOTING GUIDE

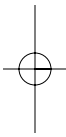
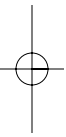
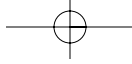
Should this unit exhibit a problem, check the following before seeking service:

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: FM Rod Antenna is not fully extended.	Fully extend FM Rod Antenna.
	AM: Unit is not positioned correctly.	Rotate unit until best reception is obtained.
AM or FM, no sound.	FUNCTION control not on AM or FM.	Rotate to select AM or FM .
	Volume at minimum.	Increase volume.
Cassette Player		
No sound.	FUNCTION control not set to TAPE.	Rotate to the TAPE position.
	Volume at minimum.	Increase volume.
Sound distorted.	Dirty head.	Clean the head.
Speed varies.	Tape old.	Replace the tape.
	Cassette tape worn out.	Replace the tape.
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.
Karaoke		
Feedback is heard when singing.	Microphone is too close to unit or MIC VOLUME is too high.	Move microphone away from unit or decrease MIC VOLUME.
General		
No sound.	Power cord disconnected.	Connect power cord.

**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.



Memcorp, Inc.
Weston, FL
Printed in Hong Kong

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