

Memorex®

**CALLER ID TELEPHONE/DUAL ALARM
CLOCK WITH AM/FM RADIO**

MODEL: MC4285

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



OPERATING INSTRUCTIONS

IMPORTANT SAFETY INSTRUCTIONS

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on this product.
3. Do not use this product near water- for example, near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool.
4. Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious injury and serious damage to the product.
5. 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 unless proper ventilation is provided.
6. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill or spray any type of liquid on the product.
7. To reduce the risk of electric shock, do not disassemble this product, but take it to a qualified service personnel under the following conditions:
 - A. If liquid has been spilled into the product.
 - B. If the product has been exposed to rain or water.
 - C. 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.
 - D. If the product has been dropped or the cabinet has been damaged.
 - E. If the product exhibits a distinct change in performance.
8. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
9. Do not use the telephone to report a gas leak in the vicinity of the leak.
10. Do not allow anything to rest on the telephone cord. Do not locate this product where the cord will be abused by persons walking on it.
11. Never install telephone wire during a lightning storm.
12. Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
13. Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
14. Use caution when installing or modifying telephone lines.
15. Use only the power cord and batteries indicated in this manual. Do not dispose of batteries in a fire. They may explode. Check with local codes for possible special disposal instructions.

SAVE THESE INSTRUCTIONS

IMPORTANT SAFETY INSTRUCTIONS (CONTINUED)

1. If your local telephone exchange only accepts Pulse dialing, you may have to switch the Tone/Pulse switch to Tone to access certain services that require Tone signalling (such as home banking). After the initial line is connected to the number you are calling, switch the Tone/Pulse switch to Tone to access Tone signalling. When you have completed your call, please switch the Tone/Pulse switch back to Pulse.
2. Hearing aid compatibility - Your telephone is compatible for use with hearing aids.

FCC and Phone Company Information

Your telephone company is required by the Federal Communications Commission to allow you to connect FCC registered telephones to their lines. The FCC requires you to provide information, if requested by the local telephone company, about the connection of an FCC registered telephone to their lines. They may ask you for the FCC registration number and the ringer equivalence number (REN); both are at the bottom of the base. They may also ask for the Universal Service Order Code (USOC), which is RJ-11C.

The REN is used to determine the quantity of devices which may be connected to the telephone line. Excessive REN's on the telephone line may result in the devices not ringing in response to an incoming call. In most, but not all areas, the sum of the REN's should not exceed five (5.0). To be certain of the number of devices that may be connected to the line, as determined by the total REN's, contact the telephone company to determine the maximum REN for the calling area.

Should your equipment cause trouble on your line which may harm the telephone network, the telephone company shall, where practical, notify you that temporary discontinuance of service may be required. Where prior notice is not practicable and the circumstances warrant such action, the telephone company may temporarily discontinue service immediately. In case of such temporary discontinuance, the telephone company must: (1) promptly notify you of such temporary discontinuance; (2) afford you the opportunity to correct the situation; (3) inform you of your right to bring a complaint to the Commission pursuant to procedures set forth in Part 68 of FCC Rules and Regulations.

The telephone company may make changes in its communication facilities, equipment operations or procedures where such action is required in the operation of its business and not consistent with FCC Rules and Regulations. If these changes are expected to affect the use or performance of your telephone equipment, the telephone company must give you adequate notice in writing, to allow you to maintain uninterrupted service.

This equipment cannot be used on telephone company provided coin service.

Connection to Party Line Service is subject to state tariffs.

Any changes or modifications not expressly approved by (state party responsible for compliance) can void the user's authority to operate the equipment.

IMPORTANT SAFETY INSTRUCTIONS (CONTINUED)

CAUTION:

To reduce the risk of fire or injury to persons, read and follow these instructions:

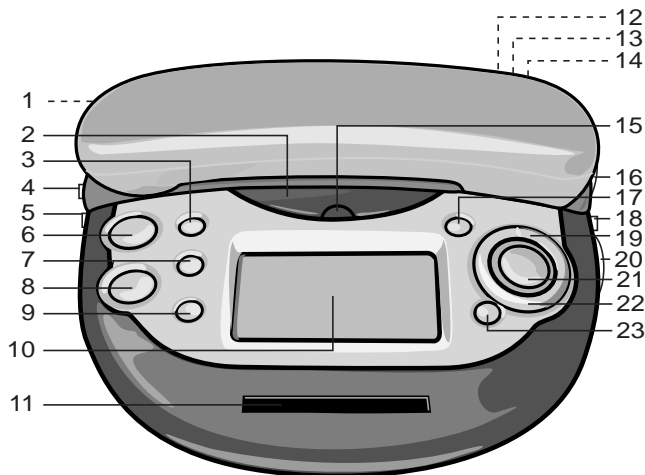
1. Use only the following type and size battery: 9V Battery.
2. Do not dispose of the battery(ies) in a fire. The cell may explode. Check with local codes for possible special disposal instructions.
3. Do not open or mutilate the battery. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
4. Exercise care in handling batteries in order not to short the battery with conducting materials such as rings, bracelets, and keys. The battery or conductor may overheat and cause burns.
5. Do not attempt to recharge the battery(ies) provided with or identified for use with this product. The batteries may leak corrosive electrolytes or explode.
6. Do not attempt to rejuvenate the battery(ies) provided with or identified for use with this product by heating them. Sudden release of the battery electrolyte may occur causing burns or irritation to eyes or skin.
7. When replacing batteries, all batteries should be replaced at the same time. Mixing fresh and discharged batteries could increase internal cell pressure and rupture the discharged battery(ies). (Applies to products employing more than one separately replaceable primary battery.)
8. When inserting batteries into this product, the proper polarity or direction must be observed. Reverse insertion of batteries can cause charging, and that may result in leakage or explosion. (Applies to product employing more than one separately replaceable primary battery).
9. Remove the battery from this product if the product will not be used for a long period of time (several months or more) since during this time the battery could leak in the product.
10. Discard "dead" battery as soon as possible since "dead" batteries are more likely to leak in a product.
11. Do not store this product, or the battery provided with or identified for use with this product in high-temperature areas. Batteries that are stored in a freezer or refrigerator for the purpose of extending shelf life should be protected from condensation during storage and defrosting. Batteries should be stabilized at room temperature prior to use after cold storage.

IMPORTANT:

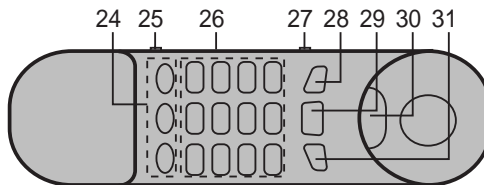
PLEASE KEEP ALL PACKAGING MATERIAL FOR AT LEAST 90 DAYS IN CASE YOU NEED TO RETURN THIS PRODUCT TO YOUR PLACE OF PURCHASE OR MEMOREX.

LOCATION OF CONTROLS

BASE



HANDSET



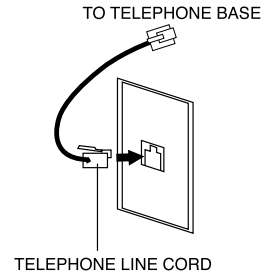
- | | |
|---|-------------------------------|
| 1. Battery Compartment (Bottom of Unit) | 16. VOLUME Control |
| 2. SNOOZE Button | 17. SET Button |
| 3. ALARM 1 Button | 18. BAND (AM/FM) Switch |
| 4. RINGER (HI/LO/OFF) Switch | 19. REVIEW (▲) Button |
| 5. DISPLAY (HI/LO) Switch | 20. TUNING Control |
| 6. ALARM OFF Button | 21. DIAL Button |
| 7. ALARM 2 Button | 22. REVIEW (▼) Button |
| 8. RADIO ON/OFF Button | 23. DELETE Button |
| 9. SLEEP Button | 24. Memory Buttons (M1,M2,M3) |
| 10. Display | 25. Handset VOLUME Switch |
| 11. Radio Dial Scale and Pointer | 26. Key Buttons (0-9,#,*) |
| 12. HANDSET Jack (Rear of Unit) | 27. Tone/Pulse Switch |
| 13. PHONE LINE Jack (Rear of Unit) | 28. STORE Button |
| 14. DC IN Jack (Rear of Unit) | 29. REDIAL Button |
| 15. NEW CALL Indicator | 30. FLASH Button |
| | 31. MEMORY Button |

INSTALLATION

This unit can be used on a desk or other level surface away from excessive heat or direct sunlight.

Desk or Table Use

1. Set the RINGER switch to the HI or LO position to have the ringer sound when receiving a phone call.
2. Connect the coiled cord to the handset and HANDSET jack on the rear of the base. Connect the straight cord to the PHONE LINE jack on the rear of the base and telephone jack as shown in the figure to the right.
3. If desired, rotate the clips on the bottom of the unit so the phone tilts slightly forward and makes viewing the caller ID easier.



POWER SOURCES

AC Power Adapter

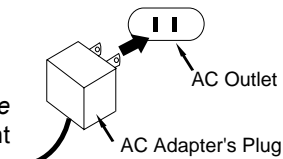
To operate the unit using AC power, connect the AC adapter to the jack labelled "DC IN" on the rear of the unit and to a wall outlet having 120V, 60Hz only.

CAUTION: Use only the AC adapter provided with the unit. Using another AC adapter may damage the unit. Do not touch the AC adapter with wet hands.

Battery Installation

To install the 9V battery, *make sure the telephone line cord is unplugged* and open the battery compartment with a slotted screwdriver as shown in the figure below.

Insert a 9V battery (not included) and replace the battery compartment cover. Replace the battery when the Battery indicator (" ") lights in the display.

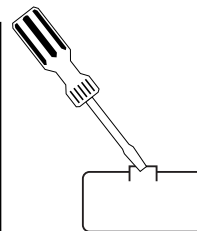


NOTE: The battery is only used to store the clock and caller ID memory, it will not show the caller ID display nor play the radio when the AC adapter is not connected.

BATTERY PRECAUTIONS

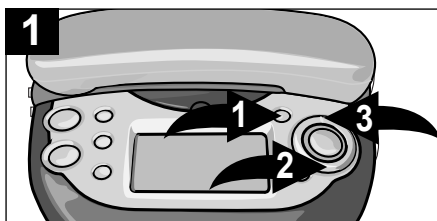
Follow these precautions when using batteries in this device:

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.
3. 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.
4. Do not try to recharge batteries not intended to be recharged; they can overheat and rupture. (Follow battery manufacturer's directions.)

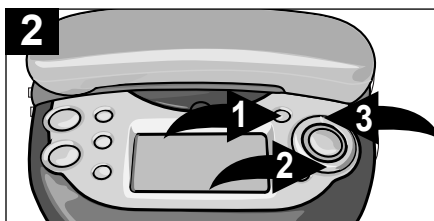


TELEPHONE OPERATION

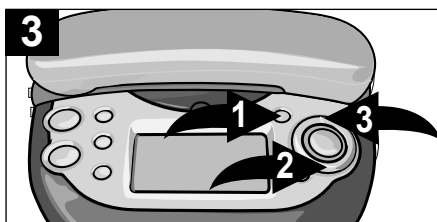
SETTING THE MENU OPTIONS



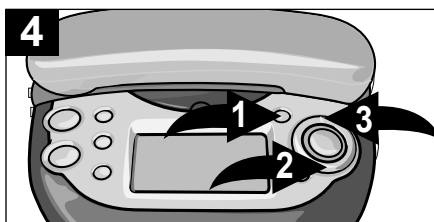
Press the SET button ❶ once; "SET LANGUAGE" will appear in the display. Press the REVIEW (▼) ❷ or (▲) ❸ button to select the desired language



Press the SET button ❶ again; "CONTRAST" will appear in the display. Press the REVIEW (▼) ❷ or (▲) ❸ button to select the Contrast (1 being lightest, 8 being darkest).



Press the SET button ❶ again; "SET TIME/DATE" will appear in the display and the hours will blink. Press the REVIEW (▼) ❷ or (▲) ❸ button to set the current hour. Make sure the AM/PM setting is shown correctly when setting the hours.



Press the SET button ❶ again. Press the REVIEW (▼) ❷ or (▲) ❸ button to set the current minute.

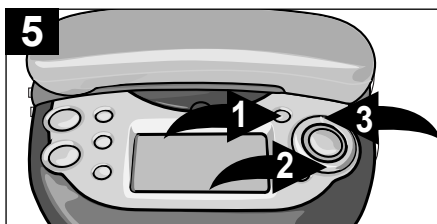
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NOTES:

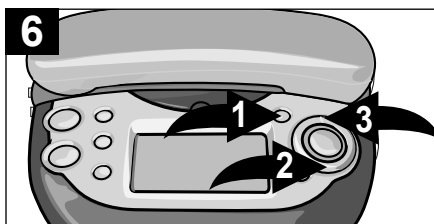
- While setting the menu options, a button must be pressed within 10 seconds, otherwise the display will revert back to the default display and the menu settings may not be saved.
- To cancel any setting, simply press the DELETE button.

TELEPHONE OPERATION (CONTINUED)

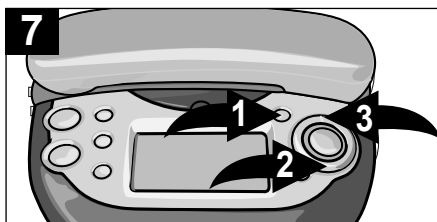
SETTING THE MENU OPTIONS (CONTINUED)



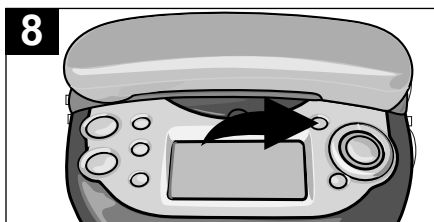
Press the SET button ❶ again. Press the REVIEW (▼) ❷ or (▲) ❸ button to set the current month.



Press the SET button ❶ again. Press the REVIEW (▼) ❷ or (▲) ❸ button to set the current day.



Press the SET button ❶ again. Press the REVIEW (▼) ❷ or (▲) ❸ button to set the first digit of the local area code. Press the SET button ❶, followed by the REVIEW (▼) ❷ or (▲) ❸ button to set the second, and then third digit of the area code.



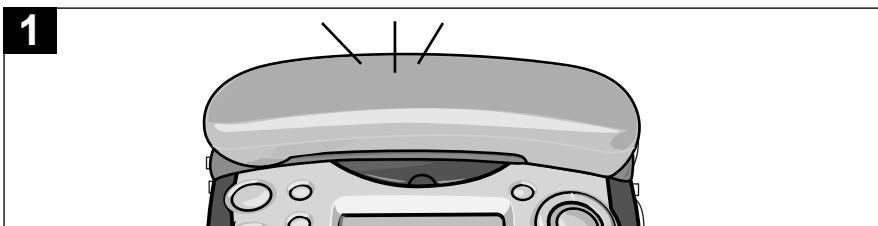
Press the SET button again, and all the menu options will be set.

NOTES:

- While setting the menu options, a button must be pressed within 10 seconds, otherwise the display will revert back to the default display and the menu options may not be saved.
- To cancel any setting, simply press the DELETE button.

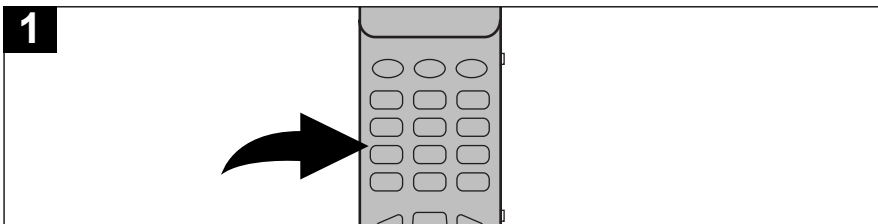
TELEPHONE OPERATION (CONTINUED)

RECEIVING CALLS



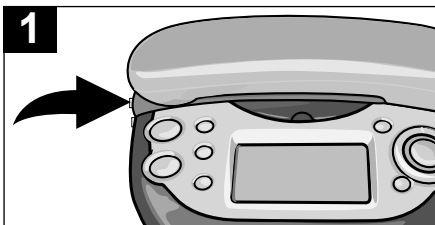
Wait for the phone to ring **twice** so the caller ID registers the call. Lift the handset and speak into the mouthpiece. Hang up when the call is completed.

MAKING CALLS

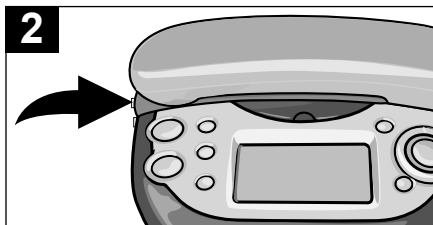


Lift the handset and listen for a dial tone. Press the key buttons (0-9) for the specified number you wish to call.

RINGER HI/LO/OFF SWITCH



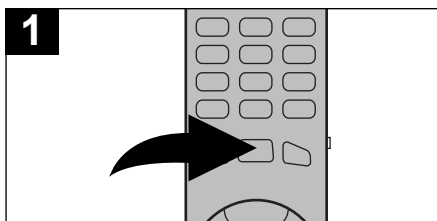
Slide the RINGER switch to the HI or LO position to turn the ringer on.



Slide the RINGER switch to the OFF position to turn the ringer off.

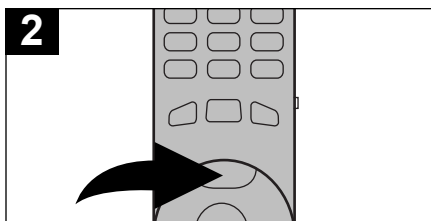
TELEPHONE OPERATION (CONTINUED)

REDIAL BUTTON



Press the REDIAL button to automatically redial the last number dialed.
NOTE: Please note that only the last number you called on this telephone can be stored in the Redial memory.

FLASH BUTTON



Press the FLASH button to hang up the phone without having to return it to the base. This is useful for using the phone with the Call Waiting feature.

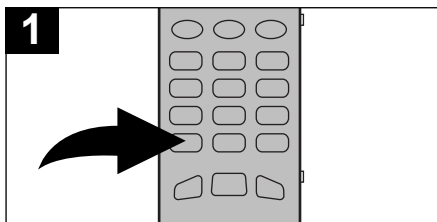
NEW CALL INDICATOR



When a call has been received, the NEW CALL indicator will blink.

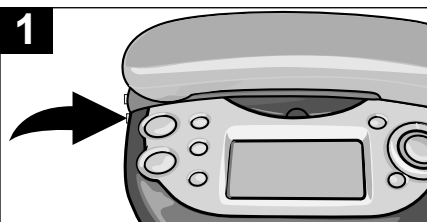
TELEPHONE OPERATION (CONTINUED)

TONE BUTTON



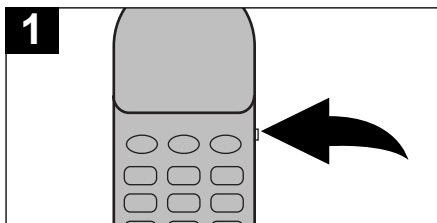
If Tone/Pulse switch is set to Pulse, simply press the */TONE button on the handset to temporarily set the phone for TONE. This is useful when accessing automated telephone prompts that require the Tone signal.

DISPLAY (HI/LO) SWITCH



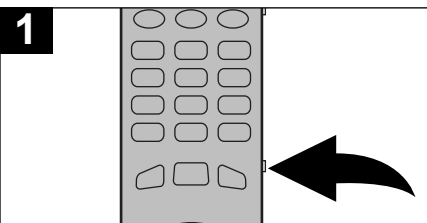
Set the DISPLAY switch to the HI position for a more illuminated display or to the LO position for a less illuminated display.

HANDSET VOLUME SWITCH



Slide the Handset VOLUME switch to raise or lower the handset's volume as desired.

TONE/PULSE SWITCH



Slide the Tone/Pulse switch on the side of the handset to Tone or Pulse to match the service provided on your telephone line. If you are not sure of your service, please contact your telephone company.

TELEPHONE OPERATION (CONTINUED)

WHAT YOUR CALLER ID DISPLAYS

NO CALL: The caller memory is empty.

UNKNOWN CALLER: The incoming call does not have caller ID service or the service area is not linked to yours.

PRIVATE CALLER: The incoming call is registered as "Private Caller" and their information is withheld.

END OF LIST: There are no additional calls to be reviewed.

"": Low Battery Indicator

RECEIVING A CALL WITH CALLER ID

1

TALMO, HOLLY
 AM 12:00 6/04
 20 1-555-2700 CALL# 02

Make sure that the Caller ID service is turned on by your phone company. When you receive a call, the display will show the name, number, time and date of the caller between the first and second ring.

2



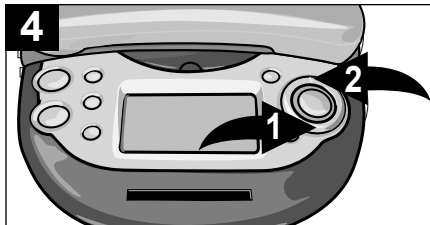
See above section, "What Your Caller ID Displays" if something other than the caller's information appears on the display. The NEW CALL indicator will flash when new call(s) have been received.

3

TOTAL 03 NEW 01
 AM 12:00 6/04

The display will indicate the total new calls. When you want to check the calls received, press the REVIEW (▼) button.

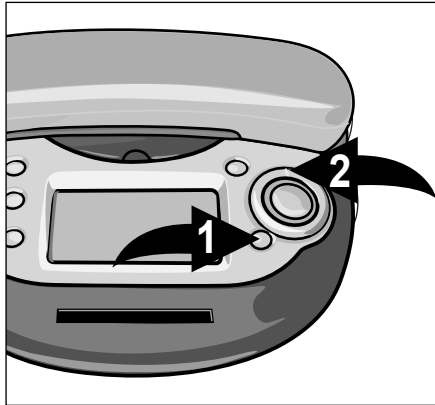
4



You can also use the REVIEW (▼) or (▲) button to cycle through the past calls. Up to 80 numbers can be stored in the caller ID memory.

TELEPHONE OPERATION (CONTINUED)

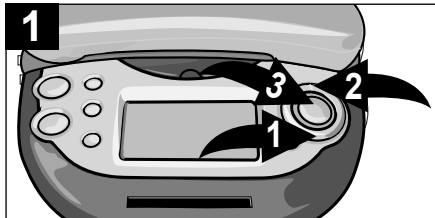
TO DELETE 1 CALL/ALL CALLS



To Delete a Call: While the name and number are displayed, press the DELETED button ❶ once; "DELETE?" will appear. Press the DELETED button ❶ again to delete the information.

To Delete All Calls: Press and hold the DELETED button ❶ approximately 6 seconds, "DEL ALL CALLS?" will appear. Press the DELETED button ❶ again to delete all past information. Press the REVIEW (▲) ❷ button to cancel.

TO AUTOMATICALLY DIAL A NUMBER IN THE CALLER ID DISPLAY



DO NOT pick up the handset. Select the number using the REVIEW (▼) ❶ or (▲) ❷ button, then press the DIAL button ❸; "PICKUP OR ADJ" will appear in the display. If the number shown at the bottom is exactly how it should be dialed, simply pick up the phone and the number will be dialed.



If you need to change the telephone number (adding an area code or adding a "1"), simply repeatedly press the DIAL button until the correct telephone number/area code appears in the display, then pick up the handset.

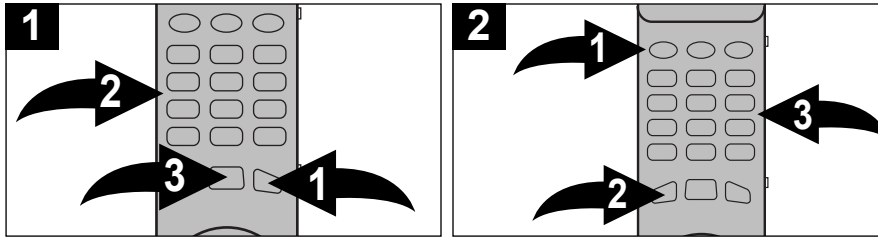
Note:

- Once the unit's memory is full, any new call forces the deletion of the earliest call information.

TELEPHONE OPERATION (CONTINUED)

MANUALLY STORING NUMBERS INTO MEMORY

This telephone is equipped with 13 memories for programming your most frequently dialed telephone numbers.



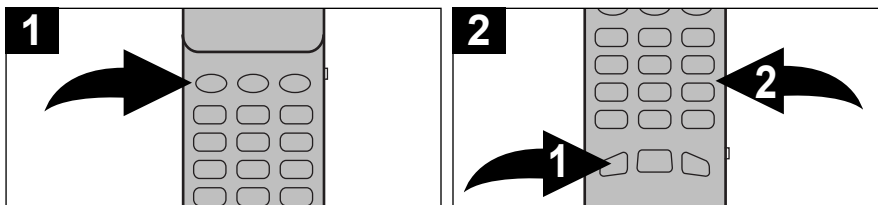
Press the STORE button ❶, then enter the telephone number to be stored using the key buttons (0-9) ❷ (no tone will be heard, but the number will be in memory). Press the REDIAL button ❸ to insert a pause where needed, such as dialing a 9, then needing a pause before the number is dialed.

Then press the desired memory location (M1, M2, M3 ❶), or to put in memory locations 0-9, simply press the MEMORY ❷ button, followed by key button 0-9❸. Repeat steps 1 and 2 to program more numbers.

NOTE:

To erase a stored telephone number, simply store a new number over it by following the steps above.

MANUALLY DIALING NUMBERS IN MEMORY

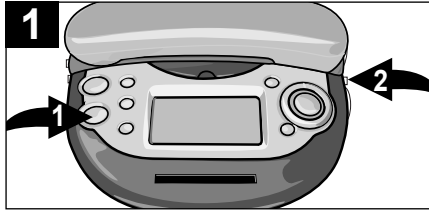


ONE TOUCH MEMORIES (M1, M2, M3)
Pick up the handset and press one of the one touch memory buttons (M1, M2, M3) and the phone will automatically dial the stored telephone number.

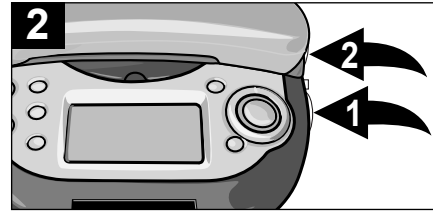
TWO TOUCH MEMORIES (0-9)
Pick up the handset and press the MEMORY button ❶ followed by the desired two touch memory button (0-9) ❷ and the phone will automatically dial the stored telephone number.

RADIO OPERATION

TO PLAY THE RADIO



Press the RADIO ON/OFF button ❶ to turn the unit on. Slide the BAND switch ❷ to the desired band (AM or FM).



Tune a station by turning the TUNING control ❶. Adjust the VOLUME control ❷ as desired.

Antennas

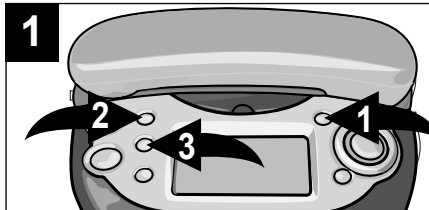
FM: Extend the FM antenna wire for better FM reception.
 AM: Turn the unit for better AM reception.

NOTES:

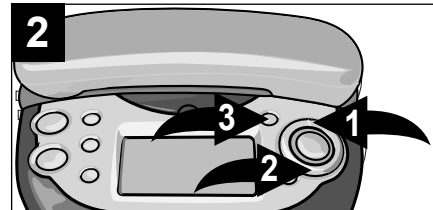
- If you pick up the handset or receive a call when listening to the radio, the radio sound will automatically muted until the call has ended.
- THE RADIO WILL **NOT** WORK WITH THE 9V BATTERY, you must have the AC adapter plugged into an AC outlet to listen to the radio.

ALARM OPERATION

TO SET OR RESET THE ALARM TIME



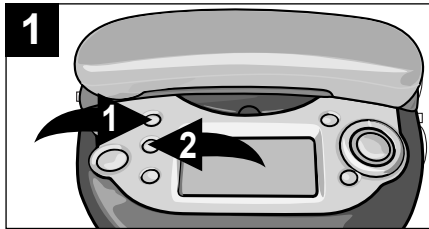
Press the SET button ❶, followed by the ALARM1 ❷ or ALARM 2 button ❸; "SET ALARM" will appear in the display and the hours will blink.



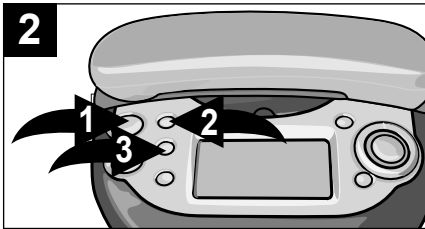
Set the desired wake up hour using the REVIEW (▼) ❷ or (▲) ❶ button, then press the SET button ❸. Set the desired wake up minutes using the REVIEW (▼) ❶ or (▲) ❷ button, then press the SET button ❸; the alarm time will be set.

ALARM OPERATION (CONTINUED)

TO SET THE ALARM TO WAKE TO RADIO

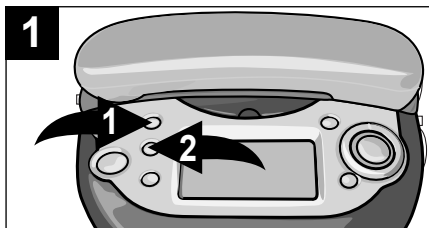


1 Set the alarm 1 or 2 time as previously instructed. Press the desired ALARM 1 ① or ALARM 2 ② button repeatedly until "ALARM 1 MUSIC" or "ALARM 2 MUSIC" appears in the display to have the unit wake up to the radio; the Music Note indicator will appear in the display. Make sure the radio is tuned to the desired station, and the volume is set as desired.

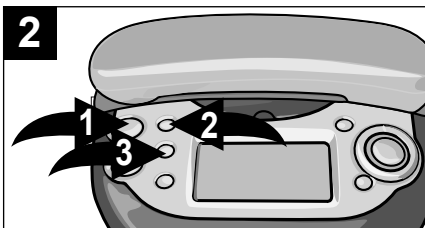


2 When the actual time matches the selected preset alarm time(s), the unit automatically turns on for 59 minutes and then shuts off. To shut off the alarm, press the ALARM OFF ③ button alarm time will be reset for the next day. Press the ALARM 1 ② or ALARM 2 ③ button until "ALARM OFF" appears in the display to turn off the alarm completely; the Music Note indicator will disappear.

TO SET THE ALARM TO WAKE TO BUZZER



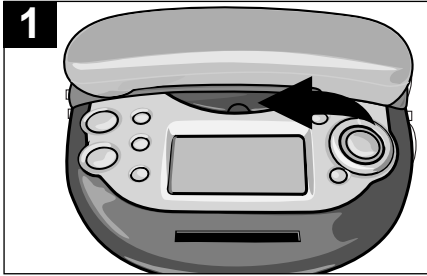
1 Set the alarm 1 or 2 time as previously instructed. Press the desired ALARM 1 ① or ALARM 2 ② button repeatedly until "ALARM 1 BUZZER" or "ALARM 2 BUZZER" appears in the display to have the unit wake up to the buzzer; the Bell indicator will appear in the display.



2 When the actual time matches the selected preset alarm time(s), the unit automatically turns on for 59 minutes and then shuts off. To shut off the alarm, press the ALARM OFF ③ button alarm time will be reset for the next day. Press the ALARM 1 ② or ALARM 2 ③ button until "ALARM OFF" appears in the display to turn off the alarm completely; the Bell indicator will disappear.

ALARM OPERATION (CONTINUED)

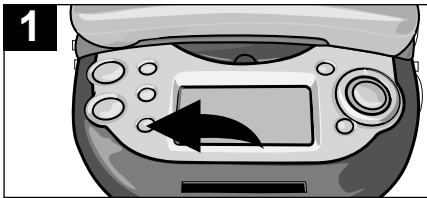
SNOOZE



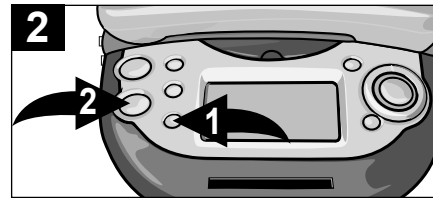
The alarm can be temporarily turned off manually by pressing the SNOOZE button; the alarm will turn back on automatically 7 minutes later. It can be repeated endlessly.

NOTE: In Dual Alarm mode, if both alarms are set, the Snooze feature will only operate up to the next alarm. If the next alarm time is reached, the unit automatically turns on for 59 minutes and then shuts off.

TO ACTIVATE THE SLEEP FUNCTION



Press the SLEEP button; "1:00" will appear in the display and the radio will turn on and play for one hour.



Repeatedly press the SLEEP button **1** to change the sleep time (15 minutes to 2 hours). Press the RADIO ON/OFF button **2** to turn off the sleep feature.

NOTE:
Press the SLEEP button once to check the remaining sleep time.

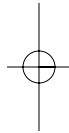
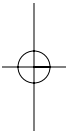
TROUBLESHOOTING GUIDE

Refer to the following chart before requesting service:

SYMPTOM	POSSIBLE CAUSE	POSSIBLE SOLUTION
No dial tone.	The line cord is not plugged in.	Plug in the line cord.
Phone does not work.	AC cord not plugged in.	Plug AC cord in.
	Battery is weak/dead.	Replace battery.
Phone does not ring.	RINGER switch set to OFF.	Set RINGER switch to HI or LO position.
The display is faded.	Battery is weak or dead.	Install new battery or connect AC adapter.
Caller ID not working.	Contrast is set low.	Set contrast higher.
	Cords connected improperly.	Connect cords properly.
	Caller ID service not turned on.	Turn on caller ID service through your local phone company.
Memory dialing does not work.	The telephone numbers were not programmed in.	Program the numbers in following the instructions in the manual.
Number/Name did not appear on display.	Phone picked up after first ring.	Allow the phone to ring twice before answering.
Radio, no sound.	Volume at minimum.	Raise volume.
	AC adapter not plugged in.	Plug in AC adapter.
Alarm does not turn on.	ALARM1 and/or 2 is not set to MUSIC or ALARM.	Press the desired ALARM button to turn the alarm on.
	Volume at minimum.	Raise volume.

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

FOR PARTS AND ACCESSORIES, CONTACT FOX INT'L AT 1-800-321-6993.



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