

**JENSEN®**  
audio

**MODEL MR-720**

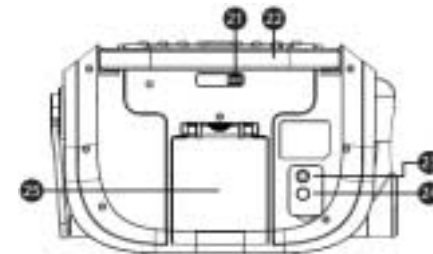
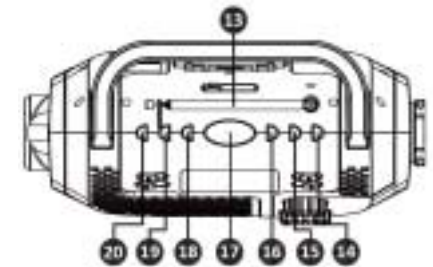
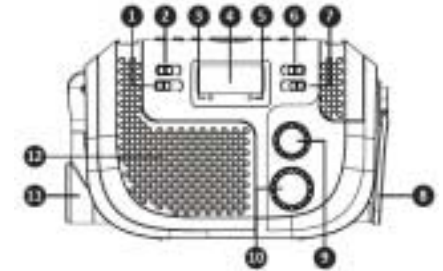
**SELF-POWERED AM/FM WEATHER BAND CLOCK RADIO**



Please read this Instruction Manual carefully before using the unit and retain it for future reference

## FUNCTIONS AND CONTROLS

1. BAND SELECT SWITCH
2. LIGHT SWITCH
3. CHARGING INDICATOR
4. LCD DISPLAY with BACK LIGHT
5. RADIO POWER INDICATOR
6. SIREN ON-OFF SWITCH
7. POWER SOURCE SWITCH
8. DYNAMO CRANK HANDLE
9. TUNING KNOB
10. VOLUME KNOB
11. LAMP HEAD
12. SPEAKER
13. 360° TELESCOPIC ANTENNA
14. BACK LIGHT BUTTON
15. MINIUTE SET BUTTON
16. HOUR SET BUTTON
17. ALARM ON-OFF BUTTON
18. TIME SET BUTTON
19. ALARM SET BUTTON
20. SWAP RADIO/CLOCK DISPLAY BUTTON
21. PRESET WHEATHER CHANNEL SWITCH
22. HANDLE
23. AUX-IN JACK
24. DC 6V IN JACK
25. BATTERY COMPARTMENT



### SPECIAL NOTE

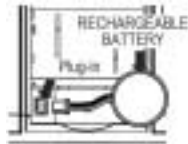
To prevent any scratching or damage to your furniture, we strongly recommend that you purchase small self-adhesive felt pads, available at hardware stores and home improvement centers everywhere, and apply these pads to the bottom of the unit before you place the product on any fine wooden furniture.

### POWER SOURCE

This unit operates using DYNAMO power (manual charge by cranking), on optional battery power (3 x "AA" (UM-3) batteries—not included) or with an AC adaptor (not included). The specification of the AC adaptor is: 6V DC 200mA with center positive "+" plug.

#### A. "DYNAMO" POWER OPERATION

1. A DC 3.6V rechargeable battery is included with MR-720. When first time using the unit, open the battery compartment and plug the rechargeable battery into the socket as shown.



2. Replace the Battery Door.
3. Set the POWER SOURCE Switch to the "PWR OFF" position.
4. Lift the Crank Handle (#8) outward until it is fully extended. Rotate the Crank as shown below. The CHARGING Indicator (#3) will light.




5. Continue turning the Crank for 3 minutes, about 2 turns per second, to achieve approximately 10 minutes of power (Radio reception only).

**Note:** The frequency reading will disappear from the LCD in 2 to 3 minutes after radio reception mode. This phenomenon is normal. The clock will resume once the POWER SOURCE SWITCH has returned to "POWER OFF".

#### B. BATTERY OPERATION (Optional)

1. Remove the Battery Door on the back of the radio.
2. Following the polarity diagram shown in the battery compartment, insert 3 'AA' (UM-3) batteries (Not included) and replace the battery door.

3. When batteries were installed, the power of the build-in rechargeable battery pack will be cut off after setting the POWER SOURCE Switch (#7) to  (DRY CELL Battery) position.

**IMPORTANT:** Be sure that the batteries are installed correctly. Wrong polarity may damage the unit.

#### BATTERY PRECAUTIONS

- i. Use only the size and type of battery specified.
- ii. Do not mix old and new batteries.
- iii. Do not mix alkaline, standard (carbon-zinc) or rechargeable (nickel-cadmium) batteries.
- iv. If the unit is not used for an extended period of time, remove the batteries. Old or leaking batteries can cause damage to the unit.
- v. Do not dispose of batteries to fire, batteries may explode or leak.

#### C. AC ADAPTOR OPERATION (Optional)

This unit may also be used with an AC adaptor (not included). When the AC adaptor is connected to the DC JACK (#24), the batteries are automatically disconnected. Please make sure to use an AC adaptor with a rating of 6V DC, 200 mA with the following center positive (+) polarity.



If you are using a universal adaptor with an output polarity switch or polarized plugs, be sure to set the center plug polarity to "+".

**Note:** The CHARGE Indicator will light once the AC Adaptor is plugged into the AC outlet regardless of the setting of the POWER SOURCE SWITCH (#7).

#### CHARGING THE INTERNAL BATTERIES

This Self-Powered Crank Radio contains a rechargeable Lithium Ion (Li-ion) battery pack that can be fully charged in approximately 12 hours with an external adaptor. After fully charged the unit will hold approximately 1 hour or more of power (Radio reception only).

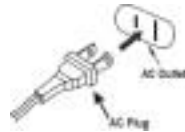
**Note:** Rechargeable batteries should be recharged:

- i. When they are used for the first time,
- ii. They are low in power.
- iii. They have not been used for a long period of time (over 60 days).

**IMPORTANT: ONLY USE THE OPTIONAL AC ADAPTOR FOR CHARGING.**

1. Plug the rechargeable battery into the socket as describe above if required
2. Set the POWER SOURCE Switch to the "PWR OFF" position.
3. Plug the AC adaptor into a standard 120VAC household outlet.

**CAUTION:** TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.



4. Connect the adaptor's plug to the DC IN Jack (#24) on the back of the unit. The CHARGE Indicator (#3) will light.



5. After charging the unit for 12 hours, unplug the adaptor to avoid over-charging the battery pack. The CHARGE Indicator will go off.

**IMPORTANT: DO NOT CHARGE BATTERY CONTINUOUSLY FOR 16 HOURS OR MORE. DOING SO CAN CAUSE THE PERFORMANCE OF THE RECHARGEABLE BATTERY TO DETERIORATE.**

#### DISPOSAL OF LITHIUM ION BATTERY

Bring the Lithium Ion batteries to an RBRC participating retailer. To find a retailer near you visit: [www.rbrc.org](http://www.rbrc.org) or call: 1-800-8-battery

Lithium Ion batteries can also be discarded with household trash.

#### TO SET OR RESET CURRENT TIME

1. Setting the POWER SOURCE Switch (#7) to "PWR OFF".
2. Press and hold the TIME SET Button (#18), press HOUR (#15) to set hour and MINUTE (#16) to set minute.

NOTE: When setting the time, make sure to correctly set for AM or PM in order for the Alarm to function properly.

#### TO SET OR RESET ALARM TIME

1. Set the POWER SOURCE Switch (#7) to "PWR OFF".
2. Press and hold the ALARM SET Button (#19), press the HOUR Button (#15) to set the hour and the MINUTE Button (#16) to set the minutes.
3. To view the alarm time, press the ALARM SET Button (# 19) once.

NOTE: When setting the time, make sure to correctly set for AM or PM in order for the Alarm to function properly.

#### TO ACTIVATE THE ALARM

1. Set the current and alarm time as describe in the above procedures.
2. Turn off the radio by sliding the POWER SOURCE Switch (#7) to the "POWER OFF" position
3. Press the ALARM Button (#17) once. The Alarm Indicator, " ", will appear in the top right corner of the display.

#### TO SHUT THE ALARM OFF



1. When the alarm sounds, press the ALARM Button (#17) once. The alarm will turn off and automatically reset for the next day. (Alarm icon will keep showing in the LCD display.)
2. Press the ALARM Button twice when the alarm sounds and the alarm will turn off and will not sound again when the alarm time is reached in the future. (Alarm icon will disappear in the LCD display.)

#### BACK LIGHT OPERATION

Press the BACK LIGHT Button (#6) once and the back light will turn on for 2 seconds and turn off automatically.

#### RADIO OPERATION

##### LISTENING TO AM, FM, OR WEATHER BAND

1. Set the POWER SOURCE Switch (#7) to  (Rechargeable Battery) or  (Dry Cell Battery) position depending on the power source you choose to use.
2. Select AM, FM or WB (Weather Band) with the BAND SELECT switch (#1).
3. Tune to your favorite AM or FM stations with the TUNING knob (#9). The current radio station frequency will appear on the LCD Display.
4. During AM or FM reception, to view the time simply press the RADIO/CLOCK (# 20) Button once.

5. Select your local NOAA channel with the 7 position PRESET WEATHER CHANNEL Switch (#21) located on the back of the unit.

### RECEIVING EMERGENCY WEATHER ALERT

6. To receive emergency weather alert warnings, turn the unit on, tune to the strongest local NOAA channel, adjust the volume control to a level that you will hear when an alert is received. Set the BAND Switch (#1) to the WEATHER ALERT position. The radio remains silent until an "alert" broadcast occurs.

### NOTE:

The NOAA Weather Service broadcasts a test alert every Wednesday between 11 am and Noon. To receive the broadcasts, the radio must be within the range of the local broadcast site, 10 - 40 miles, depending on terrain and obstructions.

### TIPS FOR BEST RECEPTION

1. To insure maximum FM or WEATHER band reception, the Telescopic Antenna (#1) should be fully extended to obtain the best possible signal.
2. When tuning in AM stations, be sure to place the unit in a vertical position. To insure best AM reception, try repositioning the unit until the best signal reception is obtained.

### To learn more:

Click on <http://www.nws.noaa.gov/nwr/> for NOAA (National Oceanic & Atmospheric Administration) and <http://www.ec.gc.ca/> for Environment Canada.

### TO WAKE TO BUZZER OR RADIO



1. Press the ALARM Button (#17) once. The Alarm Icon will appear in the right top corner of the LCD Display indicating that the alarm function is enabled. Press the ALARM Button (#17) once again to disable.
2. Tune to your favorite radio station.
3. Set the POWER SOURCE Switch (#7) to the "PWR OFF" position.
4. To wake to Alarm turn the VOLUME Knob (#10) counter-clockwise until a click is heard. The alarm will sound when the preset alarm time is reached and last for 3 minutes then stop automatically. The alarm remains set and will turn the alarm on again at the same time on the following day.
5. To wake to radio set the VOLUME Knob (#10) at a position of 50% of the total volume traveling. The radio will sound when the preset alarm time is reached and last for approximately 60 minutes then stop automatically. The alarm remains set and will turn the unit on again at the same time on the following day.

**NOTE:** When WAKE TO RADIO is chosen, make sure the radio station and the volume level are set correctly otherwise the alarm may not be heard.

### EMERGENCY SIREN AND BLINKING

1. Set the SIREN Switch (#6) to the "SIREN" position for siren tone and light blinking.
2. To disable the siren function, set the SIREN Switch (#6) back to "OFF".

### LIGHT SELECTION



1. Set the LIGHT Switch (#2) to  position for flashlight.
2. Set the LIGHT Switch (#2) to  position for reading light, then lift up the LIGHT HEAD (11) and adjust the head angle for the best reading position.



3. Set the LIGHT Switch (#2) to the OFF position to turn the flashlight off.

### AUX IN OPERATION

This Radio provides an AUX IN jack that allows you to connect your iPod, MP3 or other digital music player to the radio.

1. Flip open the socket cover on the back. Connect the headphone jack of your external device and the AUX IN Jack (#23) located on the back of MR-720. (The connection cable is not included). The radio will enter the AUX function mode once the AUX IN jack is plugged.
2. Set the POWER SOURCE Switch (#7) to  (Rechargeable Battery) or  (Dry Cell Battery) position depending on the type of power source you use.
3. Start to play your iPod, MP3 player or other audio device.
4. Slowly adjust both the volume controls on your MR-720 and the external device.
5. Turn off your iPod, MP3 player etc. when finish listening. Turn MR-720 off and unplug the AUX IN jack.

**Remark:** Once the AUX IN Jack is plugged, MR-720 will enter the AUX mode automatically no matter what position the BAND Selector Switch (# 1) is in AM, FM, WB or WEATHER ALERT mode. Remember to disconnect the connection cable from the radio after use in order to be able to listen to the broadcast again.

### COMPLIANCE WITH FCC REGULATIONS

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 technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

#### WARNING:

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### CARE AND MAINTENANCE

1. Clean your unit with a damp (never wet) cloth. Solvents or detergents should never be used.
2. Avoid leaving your unit in direct sunlight or in hot, humid or dusty places.
3. Keep your unit away from heating appliances and sources of electrical noise such as fluorescent lamps or motors.
4. If the unit is not used for an extended period of time, remove the batteries.

### TROUBLESHOOTING GUIDE

If you experience difficulties in the use of this music system please check the following or call 1 800 777 5331 for Customer Service.

Symptom	Possible Cause	Solution
No/low sound when power on the radio	VOLUME Control is set to minimum. Station has not been tuned properly. FM reception is weak. AM reception is weak. Unit in Weather Alert Mode	Adjust the VOLUME control. Tune the station properly. Extend and rotate the FM antenna. Relocate the position of the unit. Select AM, FM or WB as desired
Power is not on	The built-in rechargeable battery pack is low The batteries are exhausted	Recharge the built-in rechargeable battery pack. Replace all the batteries.

### SERVICE

Please refer to the instructions on the enclosed warranty card for returning your unit for service. When returning the unit, please remove any batteries to prevent damage to the unit in transit and/or from possible battery leakage. We are not responsible for batteries returned with the product or for the cost of replacement.

*Distributed by:  
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*Please have model number ready, for Customer Service, call 1-800-777-5331*