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**Memorex MX-CR160
Bluetooth Clock Radio**

# memorex MX-CR160 Bluetooth Clock Radio Instruction Manual

## Contents

# memorex®

**Memorex MX-CR160 Bluetooth Clock Radio**

**Product Specifications**

- **Model:** 0;&5
- **Language:** English
- **Power Supply:** 86V

## Product Usage Instructions

### Special Notes

For your safety, please read the following special notes carefully.

- Risk of electric shock – Do not open the unit.
- Do not expose the appliance to rain or moisture to avoid the risk of fire or electric shock.

### Record Keeping

Please record the following details for future reference.

- Model number:
- Serial number:
- Date of purchase:
- Place of purchase:

### FCC Compliance Statement

The product complies with FCC regulations. For any service or product information, contact 1- **877-506-4900**.

### FAQ

**Q: What should I do if the unit gets wet?**

**A:** If the unit gets wet, immediately disconnect it from the power source and do not use it until it is completely dry.

**Q: Is this product suitable for outdoor use?**

**A:** No, this product should not be exposed to rain or moisture. It is intended for indoor use only.

**SPECIAL NOTES**

**For users in the U.S**

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

**Explanation of Graphical Symbols:**

- The lightning flash with the 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 the person.
- 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.
- **WARNING:** TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

**FOR YOUR RECORDS**

- For your assistance in reporting this unit in case of loss or theft, please record below the model number and serial number which are located at the bottom of the unit.
- Please retain this information.
- **Model number** _____
- **Serial number** _____
- **Date of purchase** _____
- **Place of purchase** _____
- To obtain service or product information, call 1-**877-506-4900**

**FCC COMPLIANCE STATEMENT**

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,
2. this device must accept any interference received, including interference that may cause undesired operation.

**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, under 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 under 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 the receiver.
- Connect the equipment to 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.

**Note:** The Grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. such modifications could void the user's authority to operate the equipment.
The device has been evaluated to meet general RF exposure requirements.
To maintain compliance with FCC's RF exposure guidelines, the distance must be at least 20 cm between the radiator and your body, and fully supported by the operating and installation

## SAFETY INSTRUCTIONS

1. **Read Instructions:** All the safety and operating instructions should be read before the appliance is operated.
2. **Retain Instructions:** The safety and operating instructions should be well-kept for future reference.
3. **Heed Warnings:** All warnings on the appliance and in the operating instructions should be adhered to.
4. **Follow Instructions:** All operating and use instructions should be followed.
5. **Power Sources:** The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.
6. **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 at which they exit from the appliance.
7. **Overloading:** Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.
8. **Grounding** or Polarization: Precaution should be taken to ensure that the grounding or polarization means of an appliance are not defeated.
9. **Severe weather:** In extreme weather such as lightning storms, or hurricanes, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the appliance due to unexpected power surges.
10. **Water and Moisture:** The appliance should not be used near water-for example, near a bathtub, washbowl, kitchen sink, laundry tub, swimming pool, or a wet basement.
11. **Heat:** The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
12. **Object/Liquid** Entry: Care should be taken so that no object/liquid enters into the enclosure through openings.
13. **Ventilation:** The appliance should not be situated so that its location (on a bed, sofa, rug, or similar surface) or position (such as a bookcase or cabinet) interferes with its proper ventilation.
14. **Mounting:** The appliance should be mounted only as recommended by the manufacturer.
15. **Cleaning:** Only use a soft dry cloth to clean the appliance.
16. **Servicing:** The user should not attempt to service the appliance beyond that described in the user's operating instructions. All other servicing should be referred to qualified personnel.
17. **Replacement Parts:** When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer. Unauthorized substitutions may result in fire, electric shock, or

other hazards.

18. **Damage Requiring Service:** The appliance should be serviced by qualified service personnel when:

- The power supply cord or plug has been damaged.
- Objects have fallen into, or liquid has been spilled into the appliance enclosure.
- The appliance has been exposed to rain.
- The appliance has been dropped, or the enclosure damaged.
- The appliance does not appear to operate normally or exhibit a marked change in performance.

19. **Carts and Stands:** An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces cause the appliance and cart combination to overturn.

20. **Non-use Periods:** The power cord of the appliance should be unplugged from the outlet/The batteries should be removed when the appliance is to be left unused for a long period.

## PRODUCT FEATURES

- Bluetooth®
- Dimmer function
- Sleep timer function
- FM digital tuner with 20 presets
- Dual alarm clock function — Wake to Radio/Buzzer
- Snooze function
- Auxiliary input
- USB charge

## LOCATION OF CONTROLS

### TOP VIEW
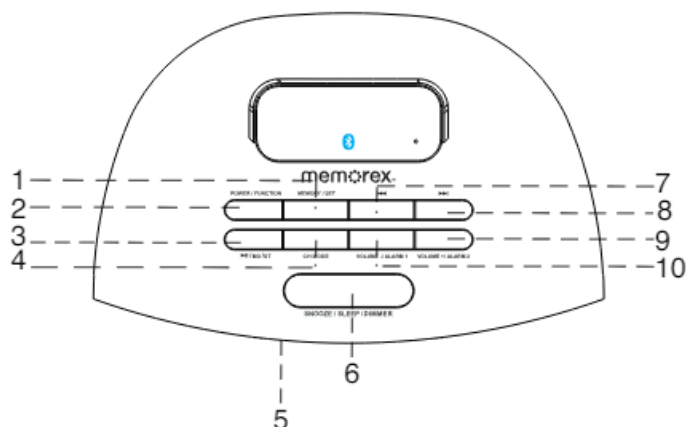


### REARVIEW
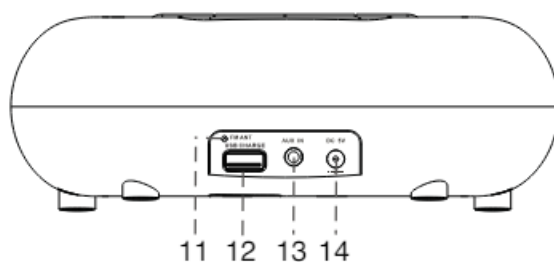
1. **Memory**/ Set button
2. **Power**/ Function button
3. ▶❙**MO/ST** button (Play/pause/mono/stereo)
4. **CH** MODE button (Change mode)
5. **LED** display
6. **Snooze**/ Sleep/ Dimmer button
7. ◀◀**Tune** down/ Previous button
8. ▶▶**Tune** up/ Next button
9. **Volume** +/ Alarm 2 button
10. **Volume** -/ Alarm 1 button
11. **FM** antenna button
12. **USB** charging port
13. **AUX** IN jack
14. **DC** IN jack

## LED DISPLAY

- **AL1:** Icon lights when Alarm 1 is on.
- **AL2:** Icon lights when Alarm 2 is on.
- **PM:** PM time indicator
- **FM:** FM indicator



## POWER SOURCE

The unit is designed to be operated by using the included AC adaptor. 2 x 1.5 V AAA" batteries (not included) are also required for the clock, radio, preset, and alarm memory backup.

### CONNECTING THE POWER ADAPTOR

1. Plug one end of the power adaptor into the DC in the jack on the rear of the unit.
2. Connect the AC plug of the AC/DC adaptor to 100-240 V ~ 50/60 Hz power source.

**NOTE:** It is suggested that the unit should not serve as an adaptor for charging any device. Disconnect the power adaptor when the unit is not used for a long period.

### BATTERY INSTALLATION

1. Unscrew to open the battery door on the bottom of the cabinet.

2. Insert 2 new batteries (not included) into the compartment following the + and – markings inside the compartment and close the battery door.

**WARNING:** DANGER OF EXPLOSION IF BATTERY IS INCORRECTLY REPLACED. REPLACE ONLY WITH THE SAME OR EQUIVALENT TYPE.

**BATTERY CARE**

1. If the unit is not used for an extended time remove the battery. An old or leaking battery can cause damage to the unit and may void the warranty.
2. Do not dispose of batteries in a fire. Batteries mav leak or explore.
3. Do not try to recharge batteries that are not intended to be recharged. They can overheat, rupture, and leak. (Follow the battery manufacturer's directions.)
4. **(a)** Do not mix old and new batteries.
   - **(b)** Do not mix alkaline, standard (carbon-zink) or rechargeable (nickel-cadmium batteries.
5. Change the batteries periodically to maintain battery backup.

**CLOCK SETTING**

Connect the power adaptor. The unit will be in standby mode.

**You can now set the clock time and adjust the LED brightness as follows:**

**SETTING THE TIME MANUALLY**

1. To set the hour, press and hold the MEMORY/SET button until the hour digits flash.
2. While the hour digits are flashing, repeatedly press the ⏮or ⏭button to select the correct hour digits.
3. Press the MEMORY/SET button to confirm the hour setting and the minute digits will flash to prompt for input.
4. While the minute digits are flashing, repeatedly press the ⏮or ⏭buttons until the correct minute digits are displayed.
5. Press the MEMORY/SET button again to complete the clock setting.

**DIMMER**

1. When the unit is in standby mode, press the SNOOZE/SLEEP/DIMMER button to adjust the LED display brightness to a high or low level.

**RADIO OPERATIONS**

**TUNING THE RADIO AND STORING THE PRESETS**

1. Press the POWER/FUNCTION button on the unit to turn on the unit.
2. Press the POWER/FUNCTION button repeatedly to select the RADIO mode.
   - The FM frequency will be displayed.

3. Press and hold either the or button to automatically search for a station and stop when one is found.

   - **NOTE:** Press the or button repeatedly to fine-tune the received stations.

4. Press the MEMORY/SET button and or button to store the received stations in order.
5. Press the MEMORY/SET button again to confirm the setting.
6. Repeat steps 3 – 5 to search for, and store the desired stations. 20 stations can be stored in total.
7. Press the CH Mode button and or button to select the stored station you wish to listen to. The LED display will show the frequency of the preset station you selected. Then the unit will start playback.
8. Adjust the sound level by pressing the Volume -/ Alarm1 or Volume +/ Alarm 2 buttons.

**NOTE:**

1. Fully extend and relocate the FM antenna to get better reception
2. If the received FM stations are in stereo mode, the unit will play in stereo mode automatically. If reception is weak, press the MO/ST (Mono/Stereo) button to turn the unit to mono mode.

## ALARM OPERATIONS

The unit provides two alarms: AL1 and AL2. You can choose to use them independently or simultaneously

**SETTING THE ALARM(S)**

1. Press and hold the POWER/FUNCTION button to turn off the unit.
2. Press and hold the Volume -/ Alarm 1 or Volume +/ Alarm 2 button until the hour digits blink. The alarm 1 or alarm 2 indicator will light depending on which alarm is chosen.
3. When the hour digits blink, press the button to adjust your desired hour digits.
4. Press the Volume -/ Alarm 1 or Volume +/ Alarm 2 button to save the hour setting, the minute digits will blink.
5. When the minute digits blink, press the or button to adjust your desired minute digits.
6. Press the Volume -/ Alarm 1 or VOLUME-/AL2 button to save the minute setting.
7. Press the Volume -/ Alarm 1 or Volume +/ Alarm 2 button and / at the same to select wakeup mode for the buzzer (showing "b") or radio(showing "F").
8. Press the Volume -/ Alarm 1 or Volume +/ Alarm 2 button and / at the same time to adjust the volume level. Then press the Volume -/ Alarm 1 or Volume +/ Alarm 2 to save.

**SNOOZE FUNCTION**

When the alarm rings, press the SNOOZE/SLEEP/DIMMER button once. The alarm will stop and resume after 9 minutes.

**TURNING THE ALARM ON/OFF**

- Press and hold the POWER/FUNCTION button to place the unit into STANDBY mode.
- Press the Volume -/ Alarm 1 or Volume +/ Alarm 2 to deactivate the alarm. The previous presets will be

cancelled and you can follow the alarm setting steps to reset the alarm.

## LISTEN TO EXTERNAL AUDIO DEVICE

This unit provides an auxiliary input jack to connect your cell phone or MP3 player, etc.

1. Use an audio cable (not included) with a 3.5mm stereo plug on each end of the cable.
2. Plug one end into the AUX IN Jack on the rear of the unit and the other end of the cable into the Line-out jack or phone jack on your external audio device.
3. Press the POWER FUNCTION button repeatedly until "AU" appears on the display, and the unit will turn to AUX IN mode.
4. Activate your external device.
5. **During playback:**
   - Press the Volume +/ Alarm 2 button to increase the volume.
   - Press the Volume -/ Alarm 1 button to decrease the volume.

**NOTE:**

1. ⏮ /⏭ or All buttons only work with a Bluetooth source.
2. If there is no sound, or the sound is not loud enough, you can increase the volume from your source device.
3. There is a USB port on the rear of the unit to charge an iPod/iPhone

## BLUETOOTH OPERATIONS

**PAIRING**

1. Press the POWER/FUNCTION button repeatedly until "bt" appears on the display.
2. Activate the Bluetooth pairing on your external device. The source will now scan for other Bluetooth devices and should find the unit, identified as MX-CR160 Choose it to pair with your device.
3. Press the ⏯ button to start playback.

**NOTE:**

1. Enter 0000 if asked for a password during pairing.
2. Before pairing, disconnect the AUX IN cable.

**PLAYBACK CONTROL**

- Press ⏮ to skips to the previous track.
- Press ⏭ to skip to the next track.
- Press ⏯ to switch between play and pause.
- Press the Volume +/ Alarm 2 button to increase the volume.
- Press the Volume -/ Alarm 1 button to decrease the volume.

- **NOTE:** ⏮ / ⏭ or ⏯ buttons may not work with some of the players in your external devices.

## SLEEP TIMER

The sleep timer allows you to turn the unit off after the preset time is reached
You can use the sleep timer to fall asleep to the radio for 90,80,70,60,50,40,30,20 or 10-minute intervals.

1. Select the desired radio station or activate your AUX IN / Bluetooth source and set the volume to a comfortable level.
2. Press the SNOOZE/SLEEP/DIMMER button repeatedly to select a sleep time.

- Each time the button is pressed, the sleep time will be decreased in 10-minute increments.
- The unit will play for the selected length of time and then automatically turn off.

**NOTE:**

1. Press the SNOOZE/SLEEP/DIMMER button to show the remaining time.
2. To cancel the Sleep timer function. press the SNOOZE/SLEEP/DIMMER button repeatedly until "00" appears on the display.

## TROUBLESHOOTING

**If you experience difficulties in the use of the unit, please check the following:**

| PROBLEM | CAUSE | SOLUTION |
|---|---|---|
| The unit is not responding. (No power). | AC adaptor is not plugged into the wall outlet or the other end of the adaptor is not plugged into the DC IN jack on the back of the unit. | Plug the AC adaptor into the wall outlet and plug the other end of the AC adaptor into the DC IN jack on the back of the unit. |
| | Wall outlet is not functioning. | Plug another device into the same outlet to see whether the wall outlet is working or not. |
| The external audio device does not respond to the unit. | The unit is set to the wrong mode. | Set the unit to AUX IN/Bluetooth mode. |
| | The external audio device is locked up. | Make sure the external audio device is working properly. |
| Weak FM reception. | The FM antenna is not fully extended. | Fully extend and relocate antenna for best reception. |
| Sound is distorted. | Volume/Bass level set too high. | Decrease the volume level and adjust the Bass level. |
| | Sound source is distorted | The original sound source is of poor quality. Distortion and noise are easily noticed with high power speakers. Try a different audio source. |
| No sound from the Bluetooth device. | The unit is set to the wrong mode. | Set the unit to Bluetooth mode |
| | AUX IN cable is connected. | Disconnect the AUX IN cable |

For continuous improvement, specifications and manuals are subject to change without prior notice.

## SPECIFICATIONS

- **Power Adaptor:** Input AC 100-240V~ 50/60Hz
    - **Output:** 5V⎓1A ◈ᴳ◈
- **Backup battery:** 2 × 1.5V⎓AAA'
  **FM range:** 87.5⎓108 MHz
- **Bluetooth working distance:** Up to 10 meters measured in open space.
- Wall and structures may affect a range of device

**Accessories:**

- AC adapter
- Main unit
- User Manual

| | |
|---|---|
| $\sim$ | The symbol indicates AC voltage |
| $=\!=\!=$ | The symbol indicates DC voltage |
| ⌂ | For indoor use only |
| (VI) | The symbol indicates energy efficiency marking |
| ⚠ 📖 | CAUTION<br>The battery used, please refer for further information to the user manual |
| ◇━◇ | The symbol indicates polarity of d.c. power connector |

## Documents / Resources

**memorex MX-CR160 Bluetooth Clock Radio** [pdf] Instruction Manual
MX-CR160, MX-CR160 Bluetooth Clock Radio, Bluetooth Clock Radio, Clock Radio, Radio

## References

- **User Manual**