1.8 INCH DUAL ALARM CLOCK
Digital PLL AM/FM Radio

Owner's Manual

PLEASE READ BEFORE OPERATING THIS EQUIPMENT.

Model: CR41805
**IMPORTANT SAFETY INSTRUCTION**

**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.

**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.

**WARNING:**
TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.
TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, AND ANNOYING INTERFERENCE, USE THE RECOMMENDED ACCESSORIES ONLY.

**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.
IMPORTANT SAFETY INSTRUCTION

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 these instructions.
   All the safety and operating instructions should be read before the product is operated.

2) Keep these instructions.
   The safety and operating instructions should be retained for future reference.

3) Heed all warnings.
   All warnings on the product and in the operating instructions should be adhered to.

4) Follow all instructions.
   All operating and use instructions should be followed.

5) Do not use this apparatus near water.
   Do not use this product near water and moisture, for example: near a bathtub, washbowl, kitchen sink or laundry tub; in a wet basement; or near a swimming pool.

6) Clean only with dry cloth.
   Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a dry cloth for cleaning.

7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
   Slots and openings in the cabinet and in the back or bottom are provided for ventilation, 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.

8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

9) Do not defeat the safety purpose of the polarized or grounding-type plug.
   A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

11) Only use attachments/accessories specified by the manufacturer.

12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
   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.

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13) Unplug this apparatus during lightning storms or when unused for long periods of time.
   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) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture does not operate normally, or has been dropped.

15) Power source
   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 source, refer to the operation instructions.

16) 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.

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

18) 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.

19) 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 to 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 the grounding electrodes.

20) Service
   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.
IMPORTANT SAFETY INSTRUCTION

21) 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 parts. Unauthorized substitutions may result in fire or electric shock or other hazards.

22) 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 operation condition.

23) Wall or ceiling mounting
   The product should be mounted to a wall or ceiling only as recommended by the manufacturer.

24) Damage requiring service
   Unplug this product from the wall outlet and refer service to qualified service personnel under the following conditions.
   a) When the power-supply cord or plug is damaged.
   b) If liquid has been spilled or objects have fallen into the product.
   c) If the product has been exposed to rain or water.
   d) 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 require extensive work by a qualified technician to restore the product to its normal operation.
   e) If the product has been dropped or the cabinet has been damaged.
   f) When the product exhibits a distinct change in performance-this indicates a need for service.

25) 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.

NOTE: Refer all servicing to qualified service personnel. Servicing is required when the unit has been damaged in any way such as the following: the power-supply cord or plug has been damaged, liquid has been spilled into the unit, the unit has been exposed to rain or moisture, the unit has been dropped or the unit does not operate normally.
1. **CLK/MEM** (Clock set/Memory) Button
2. **I⇌/HR** (Skip forward/Hour set) Button
3. **I⇌/MIN** (Skip backward/Minute set) Button
4. **DIMMER** Button
5. **ALM 2/VOL** – (Alarm 2 set/Volume down) Button
6. **ALM 1/VOL +** (Alarm 1 set/Volume up) Button
7. **ALM OFF/SOURCE/øj** (Alarm off/Source selection/Power on-off) Button
8. **SNOOZE/SLEEP** Button
9. LED Display
10. AUX IN Jack
11. Battery Door
12. Power Cord
Connect the AC Adapter from the unit to the wall outlet having AC 120V~, 60Hz.

NOTES:

- The AC Adaptor is intended to be correctly orientated in a vertical or floor mount position.
- If the AC/DC Adaptor is disconnected or if there is a power failure, this electronic clock is designed to continue operating internally (without showing the time on the Clock Display) with 2 x AAA size batteries (not included). Install the batteries as follows:
  ▶ Open the battery door on the rear of the unit by sliding it out and then lifting it.
  ▶ Insert two (2) “AAA” size batteries (not included) according to the polarity diagram inside the battery compartment. (Alkaline batteries are recommended.)
  ▶ Replace the battery door.

BATTERY PRECAUTIONS:

Follow these precautions when using a battery in this device:

1. Use only the size and type of battery specified.
2. Be sure to follow the correct polarity when installing the battery as indicated in the battery compartment. A reversed battery may cause damage to the device.
3. Do not mix different types of batteries together (e.g. Alkaline and Carbon-zinc) or old batteries with fresh ones.
4. If the batteries in the device are consumed or 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 the battery not intended to be recharged; it can overheat and rupture. (Follow battery manufacturer’s instructions.)
6. Do not dispose of battery in fire. Battery may explodes or leak.
7. Clean the battery contacts and also those of the device prior to battery installation.
OPERATION:

To set or reset the actual time at first time use:
1. Connect the unit to AC power as previous procedure. The LED Display will illuminate and blink.
2. Press the \[ \text{H} \text{H} / \text{HR} \] Button to set hour. (Make sure the PM Indicator on the display is light if the time is PM and not light if the time is AM).
3. Press the \[ \text{H} \text{H} / \text{MIN} \] Button to set minute.
4. When finished, press the \[ \text{CLK/} \text{MEM} \] Button to save the settings and exit. The display will stop blinking.

To set or reset the actual time at normal operation:
1. In standby mode, press and hold the \[ \text{CLK/} \text{MEM} \] Button until the display blinking.
2. Press the \[ \text{H} \text{H} / \text{HR} \] Button to set hour. (Make sure the PM Indicator on the display is light if the time is PM and not light if the time is AM).
3. Press the \[ \text{H} \text{H} / \text{MIN} \] Button to set minute.
4. When finished, press the \[ \text{CLK/} \text{MEM} \] Button to save the settings and exit. The display will stop blinking.

Radio:
1. Press the \[ \text{ALM OFF/SOURCE} / \text{H} \] Button to turn on radio.
2. Press the \[ \text{ALM OFF/SOURCE} / \text{H} \] Button repeatedly to select the playback source to FM (FM Frequency 87.5 - 108 will appear on the display); AM (AM Frequency 520 - 1710 will appear on the display) or AUX in (AUX will appear on the display) as desire.
3. In Radio AM or FM mode, press and hold the \[ \text{H} \text{H} / \text{HR} \] or \[ \text{H} \text{H} / \text{MIN} \] Button until the displayed frequency starts running then release the button. The unit will start to search and plays the searched station.
4. Repeat the same procedures until the desired radio station was find and playing.
5. If the reception is not good, press and release the \[ \text{H} \text{H} / \text{HR} \] or \[ \text{H} \text{H} / \text{MIN} \] Button repeatedly to fine tune.
6. Adjust the volume to the desired level by press the \[ \text{ALM 2/VOL} – \] or \[ \text{ALM 1 /VOL} + \] Button.
7. When finished listening, press and hold the \[ \text{ALM OFF/SOURCE} / \text{H} \] Button until “OFF” appear on the display to shut off the radio.

Antenna:
The unit has built-in AM/FM antennas. If reception no good, turn or relocation the unit to improve the radio reception.

Radio stations preset:
1. Power on the radio and receive the desired radio station as the previously procedure.
2. Press and hold the \[ \text{CLK/} \text{MEM} \] Button, “P XX” will appear on the display and blink. Press the \[ \text{H} \text{H} / \text{HR} \] or \[ \text{H} \text{H} / \text{MIN} \] Button repeatedly to select the program number (P01 – P10) you want stored to. Then press the \[ \text{CLK/} \text{MEM} \] Button again to store it.
3. Repeat the same procedures until all the desired radio stations were stored into the program list.
4. After settings, press the \[ \text{CLK/} \text{MEM} \] Button repeatedly to select the stored radio station to play as desired.

Notes:
- If the back up batteries had not installed. When the AC power source failure, the preset stations will be erased.
- The stored radio station only can be deleted by store another new radio station.
- Total 20 Radio stations (10 for AM; another 10 for FM) can be store in the program.
**AUX IN**

Listen music from the external Audio Player as follows:

1. Connected the external Audio Player by an audio connection cable with 3.5mm stereo plug on both ends (Cable not included).
2. Insert one end to the AUX IN Jack on the rear of unit.
3. Insert the other end to the Phones Jack; Line Out Jack or AUX Out Jack on the external Audio Player.
4. Press the **ALM OFF/SOURCE/ ●** Button to turn on radio.
5. Press the **ALM OFF/SOURCE/ ●** Button repeatedly until “AUX” appear on the display.
6. Play the music on the external Audio Player as usual.
7. Adjust the volume to the desired level by press the **ALM 2/VOL – or ALM 1 / VOL +** Button.
8. When finished listening, press and hold the **ALM OFF/SOURCE/ ●** Button until “OFF” appear on the display to shut off.

**Alarm setting**

**Alarm 1 setting:**

1. Make sure the unit is Radio/AUX power off mode before setting.
2. Press and hold the **ALM 1/VOL +** Button until alarm 1 time appear on the display and blink. (One of AL 1 Indicator will illuminate).
3. Press the **HH/HR** Buttons to set hour. (Make sure the PM Indicator on the display is light if the alarm time is PM and not light if the alarm time is AM).
4. Press the **HH/HR** Button to set minute.
5. Press the **ALM 1/VOL +** Button again to save the settings and exit. The display will stop blinking.
6. Press the **ALM 1/VOL +** Button repeatedly to set or reset the weak up mode to Buzz (**ALARM 1** Indicator will light) or Radio (**RADIO** Indicator under the **ALARM 1** Indicator will light) or turn the alarm off (Both indicators will not light).

**Alarm 2 setting:**

Same as Alarm 1 settings.

But, press the **ALM 2/VOL -** Button instead of **ALM 1/VOL +** Button.

**Important:**

If wake up—radio mode was selected, received the desired radio station as previous procedure before activate alarm. Otherwise, when alarm goes off, no sound output from the speaker or sound will weak.

**Shut off alarm:**

- When alarm goes off, press the **ALM OFF/SOURCE/ ●** Button to turn it off, the alarm will reset for next day. (The correspondence alarm indicator will keep illuminate).
- To turn off the alarm completely (not reset for next day). Press the **ALM 1/VOL +** and/or **ALM 2/VOL -** Button repeatedly until all the alarm indicators not light.
Snooze:
The alarm can be temporarily turned off manually by pressing the SNOOZE/SEELP button. After pressing the button during alarm goes off, the corresponding alarm indicator will blink and the alarm will turn back on automatically nine (9) minutes later. This feature can be repeated until the ALM OFF/SOURCE/Ω button was pressed (The correspondence alarm indicator will stop blinking and the alarm will reset for next day).

Sleep Timer:
In Radio or Aux playback mode, press the SNOOZE/SEELP button to activate the sleep function, sleep timer will appear on the display. Press the SNOOZE/SEELP button repeatedly to set the sleep timer to 10 – 90 minutes as desired.

- To turn off the sleep timer before time up, press the SNOOZE/SEELP button repeatedly until “OFF” appear on the display.

Dimmer:
Press the DIMMER button repeatedly to set the brightness level of the display as desired.
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<th>Possible Cause</th>
<th>Solution</th>
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<td>AC Adaptor had not inserted to AC wall outlet.</td>
<td>Insert the AC Adaptor to wall outlet having AC 120V~, 60 Hz</td>
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<tr>
<td><strong>Radio</strong></td>
<td></td>
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<td></td>
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</tr>
<tr>
<td></td>
<td>Volume at minimum</td>
<td>Increase Volume level by press the ALM 1/VOL + Button.</td>
</tr>
</tbody>
</table>

**General Specifications:**
- **Power Source:** AC 120V~60 Hz, 8W
- **Clock back up:** DC 3V, 2 x AAA size batteries; Not included
- **Audio Power:** 1 Watt
- **Impedence of Speakers:** 8 ohm; 2 W
- **Radio Band Coverage:** AM 520 - 1710 kHz, FM 87.5 - 108 MHz

**Accessory:**
- 1 x User’s Manual
LIMITED WARRANTY

Craig warrants this product to be free from manufacturing defects in material and workmanship under normal use for a period of 90 days from date of purchase. If service is required, please return the product to the store where it was purchased for exchange; or, pack the unit in the original packing material with all accessories if applicable, a copy of your sales receipt and a Cashier’s check or Money Order for $3.00 (to cover shipping and handling costs) payable to Craig Electronics Inc. For consumers in Canada, please make sure that the cashier check or money order is redeemable through a U.S. bank. Ship your product freight pre-paid. Your unit will be repaired, replaced or if the unit cannot be repaired or replaced, a refund will be forwarded to you within four weeks of receipt of your unit. Please ship your unit to:

Craig Electronics Inc.
1160 NW 163 Drive
Miami, FL 33169

This warranty is void if the product has been: a) Used in a commercial application or rental. b) Damaged through misuse, negligence, or abuse. c) Modified or repaired by anyone other than an authorized Craig service center. d) Damaged because it is improperly connected to any other equipment.

Note: This warranty does not cover: a) Ordinary adjustments as outlined in the Owner’s Manual which can be performed by the customer. b) Damage to equipment not properly connected to the product. c) Any cost incurred in shipping the product for repair. d) Damage to the product not used in the USA.

This warranty is not transferable and only applies to the original purchase. Any implied warranties, including the warranty of merchantability, are limited in duration to the period of this expressed warranty and no warranty whether expressed or implied shall apply to the product thereafter.

Under no circumstance shall Craig be liable for any loss or consequential damage arising out of the use of this product. This warranty gives specific legal rights. However, you may have other rights which may vary from state to state. Some states do not allow limitations on implied warranties or exclusion of consequential damage. Therefore, these restrictions may not apply to you.

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