

CRAIG

**1.2 inch
DUAL ALARM
CLOCK DIGITAL
PLL AM/FM RADIO**

Owner's Manual

PLEASE READ BEFORE OPERATING THIS EQUIPMENT.

Model: CR45372

IMPORTANT SAFETY INSTRUCTION

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.

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. Modifications not authorized by the manufacturer may void user's authority to operate this device.

WARNING:
TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

WARNING:
TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK AND ANNOYING INTERFERENCE, USE THE RECOMMENDED ACCESSORIES ONLY.

CAUTION : USE OF CONTROLS, ADJUSTMENTS OR PERFORMANCE PROCEDURE HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE..

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.

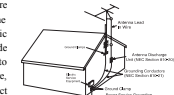
IMPORTANT SAFETY INSTRUCTION

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.

- 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 altered 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, excess force and uneven surfaces may cause the appliance and cart combination to overturn.

IMPORTANT SAFETY INSTRUCTION

- 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 ANS/NFPA 70 provides information with respect to proper grounding of the mast and supporting structure, ground of the lead-in wire to an antenna discharge product size of grounding conductors, location of antenna-discharge product, connection to ground 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 hazard.
- 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 in 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 practical.

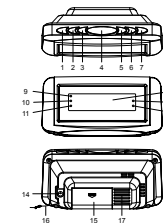
NOTE: Refer all servicing to qualified service personnel. Servicing is required when the unit has been damaged in any way such as the following: the power-supply cord or plug has been damaged, liquid has been spilled into the unit, the unit has been exposed to rain or moisture, the unit has been dropped or the unit does not operate normally.

PREPARATION FOR USE

- Power Source:**
Connect the small plug of supplied AC/DC adapter to the DC Jack on the rear of the unit then plug the AC/DC Adaptor to a wall outlet having AC 120V~, 60Hz.
- NOTES:**
- The AC/DC 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 at the rear of 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 polarity 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 explode or leak.
 7. Clean the battery contacts and also those of the device prior to battery installation.

OPERATION

LOCATION OF CONTROLS:



1. SOURCE/AL. (Alarm) OFF Button
2. VOL (Volume) - / AL (Alarm) 2 Button
3. VOL (Volume) + / AL (Alarm) 1 Button
4. SNOOZE / SLEEP Button
5. TUN (Tune) - / MIN (Minute set) Button
6. TUN (Tune) + / HR (Hour set) Button
7. MEM/M+/TIME (Memory/Memory +/Time set) Button
8. LED DISPLAY
9. PM Indicator
10. AL 1 - B (Alarm 1 - Buzzer) Indicator
11. AL 1 - R (Alarm 1 - Radio) Indicator
12. AL 2 - B (Alarm 2 - Buzzer) Indicator
13. AL 2 - R (Alarm 2 - Radio) Indicator
14. DC IN Jack
15. Battery Compartment
16. FM Antenna
17. Speaker

OPERATION:

- To set or reset the actual time:**
1. Make sure the unit is in power off (standby) mode before setting.
 2. Press and hold the MEM/M+/TIME Button on the top of unit until the time on display were blink. Press the TUN-/MIN or TUN+/HR Buttons to set minute and/or hour. **(Make sure the PM Indicator on the display is light if the time is PM and not light if the time is AM).**

Radio reception

1. Press the SOURCE/AL. OFF Button to turn on the Radio.
2. The radio frequency will appear on the display. Press the SOURCE/AL. OFF Button repeatedly to select AM or FM band as desired.
3. Press and hold the TUN-/MN or TUN+/HR Buttons until the displayed frequency starts running then release the button to auto searching available radio station.
 - A. When a radio station is found, the frequency on display will stop running and start playback automatically.
 - B. If reception is no good, press the TUN-/MIN or TUN+/HR Buttons repeatedly to fine tune.
4. Repeat the same procedures until the desired radio station was found.
5. Adjust the volume to the desired level by pressing VOL -/AL 2 OR VOL +/AL 1 Button.
6. When finished listening, press and hold the SOURCE/AL. OFF Button to turn the unit to power off (standby) mode

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** - The FM Antenna wire is for FM unit reception. If reception is weak, unwind and extended the wire or relocation the wire to improve the radio reception.

Radio stations presetting:

1. Receive the desired radio station as the previously procedures.
2. Press and hold the MEM/M+/TIME Button until "P XXX" appear on the display, ("XX" is program number you will stored in).
3. Repeat the same procedures until all the desired radio stations were stored into the program list.

Notes:

- Total 10 of radio stations in AM band and 10 in FM band can be stored into the program list.
- If the backup batteries had not installed. When the power supply is failure, the preset program will be erased.
- The stored radio station only can be deleted by store another new radio station.

Alarm setting

Alarm 1 setting:

1. Make sure the unit is in power off (standby) mode before setting.
2. Press the VOL+ / AL 1 Button alarm 1 time will appear on the display and blinking.
3. Press the TUN- / MIN or TUN+ / HR Buttons to set minute and/or hour. (Make sure the PM Indicator is light if the alarm time is PM and not light if the alarm time is AM).
4. When finished settings, press the VOL + / AL 1 Button to save the settings and exit.
5. Press the VOL + / AL 1 Button repeatedly to set the weak up mode to Buzzer or Radio as desired. The correspondence indicators will light.

Alarm 2 setting:

Same as Alarm 1 set. But, press the VOL - / AL 2 Button instead of VOL + / AL 1 Button.

Note:

If radio wake up mode was selected, received the desired radio station and set volume level as previous procedures before activate alarm. Otherwise, when Alarm goes off, no sound will heard from the speaker.

Shut off alarm:

1. When alarm goes off, press the SOURCE / AL. OFF Button to turn off alarm, the alarm will reset for next day.
2. To turn off the alarm completely (not reset for next day). Press the VOL + / AL 1 or VOL - / AL 2 Button repeatedly until correspondence indicators turned off.

Snooze:

The alarm can be temporarily turned off manually by pressing the SNOOZE/ SLEEP Button; the alarm will turn back on automatically nine (9) minutes later. This feature can be repeated until the SOURCE / AL.OFF Button was pressed.




Sleep Timer:

In the power on mode, press the SNOOZE / SLEEP Button to activate the sleep function (SLEEP time will appear on the display). Press the SNOOZE / SLEEP Button repeatedly to set the sleep timer to 10 - 90 minutes as desired. To turn off the sleep timer before time up, press the SOURCE / AL.OFF Button.

TROUBLESHOOTING GUIDE



SYMPTOM	POSSIBLE	POSSIBLE SOLUTION
GENERAL		
Power does not come on.	AC/DC adaptor had not plugged in correctly	Insert the AC/DC Adaptor to the unit and AC wall outlet correctly
RADIO		
No sound.	Did not power on the radio	Press the SOURCE/AL.OFF Button to power on the radio Press the SOURCE/AL. OFF Button repeatedly to selected AM or FM band as desire
	Volume at minimum position	Press the VOL + Button to rise volume level
Noise or sound distorted on AM or FM	Weak reception or interference reception	Turn the unit or place to a new location for better reception
CLOCK		
Display blinking	Clock not set	Set the clock
Alarm does not turn	Alarm time not set	Set alarm time
	Clock not set	Set the clock

SPECIFICATIONS

Frequency Range: AM 535 - 1710 kHz
 FM 88 - 108 MHz
 Power Source: DC  6V, 200mA 
 Clock Back-Up: DC  3V, 2 x AAA size batteries (Not included)
 Audio Power: 0.3 W
 Impedence of speaker: 8 Ohm, 0.5 W

Specifications are subject to change without prior notice.

Accessories:

- 1 x User's Manual
- 1 x AC/DC Adaptor (Input: AC 120V~, 60Hz, 500mA; Output: DC  6V, 200mA 

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 can not 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.

To Obtain Service on your Product
 email: email.service@craigelectronics.com