



INSTRUCTION MANUAL

CR-A54
CR-A50 DIGITAL AM/FM ALARM CLOCK RADIO

COBY®

PRECAUTIONS

	CAUTION WARNING: SHOCK HAZARD. DO NOT OPEN. AVIS: RISQUE DE CHOC ELECTRIQUE. NE PAS OUVRIR	
CAUTION: TO REDUCE THE RISK OF FIRE AND ELECTRIC SHOCK, DO NOT REMOVE THE COVER (OR BACK) OF THE UNIT. REFER SERVICING ONLY TO QUALIFIED SERVICE PERSONNEL.		



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.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operation and servicing instructions in the literature accompanying the appliance.



For recycling or disposal information about this product, please contact your local authorities or the Electronics Industries Alliance: www.eiae.org.

For Customer Use:

Enter below the serial number that is located on the bottom of the unit. Retain this information for future reference.

Model No. _____ CR-A54 / CR-A50

Serial No. _____

WARNING:

To prevent fire or shock hazard, do not expose this device to rain or moisture. Dangerous high voltage is present inside the enclosure. Do not open the cabinet.

CAUTION: To prevent electric shock, match wide blade of plug to wide slot of outlet and fully insert.

Protect your hearing: Hearing experts advise against the constant use of personal stereos played at high volume. Constant exposure to high volumes can lead to hearing loss. If you should experience ringing in the ears or hearing loss, discontinue use and seek medical advice.

FCC 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, and
- (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 Class B digital devices, 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

Use of shielded cable is required to comply with Class B limits in Subpart B of Part 15 of the FCC rules.

Do not make any changes or modifications to the equipment unless otherwise specified in the manual. If such changes or modifications should be made, you could be required to stop operation of the equipment.

Important Safety Instructions

1. Read Instructions: All the safety and operating instructions should be read before the product is operated.
2. Retain Instructions: The safety and operating instructions should be retained for future reference.
3. Heed Warnings: All warnings on the product and in the operating instructions should be adhered to.
4. Follow Instructions: All operating and usage instructions should be followed.
5. Cleaning: Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
6. Attachments: Use only attachments recommended by the manufacturer. Use of other attachments may be hazardous.
7. Water and Moisture: Do not use this product near water (e.g., near a bath tub, washbowl, kitchen sink, laundry tub, in wet basements, or near a swimming pool and the like).
8. Accessories: Do not place this product on an unstable cart, stand, tripod, bracket, or table. Use only with carts, stands, tripods, brackets, or tables recommended by the manufacturer or sold with the product. Any mounting of the product should follow the manufacturer's instructions and should use a mounting accessory recommended by the manufacturer.
9. A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn.
10. Ventilation: Slots and openings in the cabinet are provided for ventilation to ensure reliable operation of the product and to protect it from overheating. These openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. 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 instructions have been adhered to.
11. Power Sources: This product should be operated only from the type of power source indicated on the rating label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power or other sources, refer to the operating instructions.
12. Grounding or Polarization: This product may be equipped with a polarized alternating-current line plug that has one blade wider than the other. This plug will only fit into the power outlet in one direction. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the direction of the plug. If the plug should still fail to fit, contact an electrician to replace the obsolete outlet. Do not defeat the safety purpose of the polarized plug.
13. 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 at the point which they exit from the product.



14. **Lightning:** For added protection for this product, unplug it from the wall outlet and disconnect the antenna or cable system during a lightning storm or when it is left unattended and unused for long periods of time. This will prevent damage to the product due to lightning or power-line surges.
15. **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.
16. **Overloading:** Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
17. **Object and Liquid Entry:** Never push objects of any kind into this product through openings as they may touch dangerous voltage points or shout-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
18. **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.
19. **Damage Requiring Service:** Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions: a) when the power-supply or plug is damaged; b) if liquid has been spilled or if 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 improper 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; e) if the product has been dropped or damaged in any way; f) when the product exhibits a distinct change in performance—this indicates a need for service.
20. **Replacement Parts:** When replacement parts are required, be sure that your service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
21. **Safety Check:** Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to ensure that the product is in proper operating condition.
22. **Wall or Ceiling Mounting:** The product should be mounted to a wall or ceiling only as recommended by the manufacturer.
23. **Heat:** The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

Troubleshooting

If you have a problem with this unit, please read the troubleshooting guide below and check our website at www.cobyusa.com for Frequently Asked Questions (FAQs) and firmware updates. If these resources do not resolve the problem, please contact Technical Support.

COBY Electronics Technical Support

56-65 Rust Street
Maspeth, NY 11378

Email: techsupport@cobyusa.com

Web: www.cobyusa.com

Phone: 800-727-3592 (8:00 AM–11:00 PM EST, seven days a week)
800-681-2629 (8:00 AM–5:30 PM EST, Monday to Friday)
718-416-3197 (8:00 AM–5:30 PM EST, Monday to Friday)

The unit does not turn on.

- Make sure the unit has been powered on manually.
- Ensure that the power cord has been properly connected to the power outlet and the power supply for CR-A54 is 120V 60Hz or 220V 50Hz and for CR-A50 is 120V 60Hz.

There is no sound.

- Ensure that the volume of CR-A54/50 and or external device has been set to a reasonable listening level.
- Make sure the external device has been properly connected to CR-A54/50 by audio cable.

Specifications

Power supply: CR-A54: 120V 60Hz or 220V 50Hz

CR-A50: 120V 60Hz

Back-up battery: DC 9 V

Frequencies: **FM** 88 - 108MHz

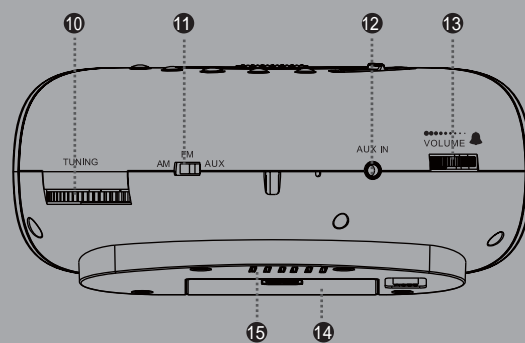
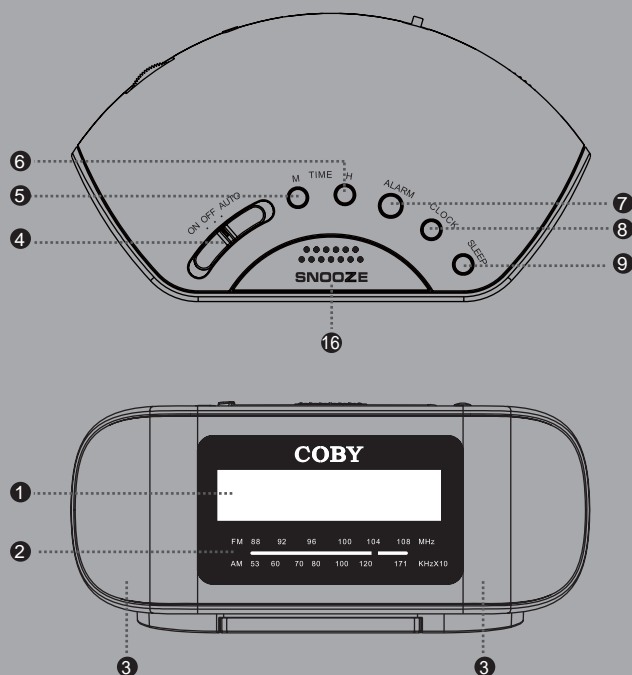
AM 530 - 1700KHz

Power consumption: 3W

Output power: 0.5W

Speaker: 8 ohm

LOCATION OF CONTROLS and PARTS



- | | |
|-----------------------|------------------------------|
| 1 LED Display | 9 Sleep button |
| 2 Frequency Display | 10 Tuning dial |
| 3 Speaker | 11 AM / FM / AUX Switch |
| 4 Function switch | 12 AUX IN jack |
| 5 Minute button (M) | 13 Volume dial (Buzzer On) |
| 6 Hour button (H) | 14 Battery compartment |
| 7 Alarm button | 15 Ventilation Slots |
| 8 Clock button | 16 Snooze button |

POWER SUPPLY

The CR-A54 operates from AC 120V 60Hz or 220V 50Hz household mains supply.

The CR-A50 operates from AC 120V 60Hz household mains supply. Before connecting to the power supply, ensure the rated voltage of this unit matches your local voltage.

Warning: Disconnect the mains plug from the wall outlet when it is not in use to avoid the risk of electric shock.

BATTERY BACK-UP

Install a 9V type 006P battery in the battery compartment for clock backup (not for radio operation). The time will be preserved in the case of a power failure. Replace the battery every 6 months for best performance. Remove the battery if the unit will not be in use for a long period of time.

SETTING THE CORRECT TIME

Hold the CLOCK button [8] and simultaneously press the HOUR button [6] or MINUTE button [5] until the desired time is displayed.

RADIO OPERATION:

- To turn the radio on, set the FUNCTION switch [4] to the "ON" position.
- To select the AM or FM radio band, set the AM/FM/AUX switch [11] to the AM or FM position.
- To tune to a radio station, turn the TUNING dial [10].
- To adjust the volume level, turn the VOLUME dial [13].
- To turn the radio off, set the FUNCTION switch [4] to the "OFF" position.

ALARM TIMER (WAKE TO RADIO OR BUZZER)

- To set the alarm timer: hold the ALARM button [7] and simultaneously press the HOUR button [6] or MINUTE button [5] until the desired time is displayed.
- To wake to radio: Turn the radio on to tune to the desired radio station and set the desired volume level.
To wake to buzzer: Turn the VOLUME dial [13] all the way down until it clicks into the "BUZZER ON" position.
- To activate the alarm timer, set the FUNCTION switch [4] to the "AUTO" position. The ALARM INDICATOR will light up. When the alarm timer reaches the set time, the radio or buzzer will activate to wake you up.
- To turn off the alarm timer, set the FUNCTION switch [4] to the "OFF" position.

SNOOZE DELAYED ALARM

- To delay the alarm timer (snooze), press the SNOOZE button [16] when the alarm timer sounds. The alarm timer will sound again 9 minutes later.
- To cancel the snooze operation and turn the alarm timer off completely, set the FUNCTION switch [4] to the "OFF" position.

SLEEP OR SLEEP-AND-WAKE TO RADIO

- Turn the radio on to tune to the desired radio station and set the desired volume level.
- To Sleep to Radio: Set the FUNCTION switch [4] to the "OFF" position.
To Sleep-and-Wake to Radio: Set the FUNCTION switch [4] to the "AUTO" position.
- To activate the Sleep timer, press the SLEEP button [9]. The clock will display "0:59" to indicate the default sleep period. The radio will turn off automatically when the sleep period is over (59 minutes).
- To increase the sleep period: Hold the SLEEP button [9] and simultaneously press the HOUR button [6]. The sleep timer will increase by one hour to "1:59" (1 hour and 59 minutes).
To reduce the sleep period: Hold the SLEEP button [9] and simultaneously press the MINUTE button [5]. The sleep timer will decrease by one minute.
- To turn the radio off before the sleep timer is over, press the SNOOZE button [16].

AUXILIARY AUDIO INPUT FROM EXTERNAL DEVICE

- Set the AM/FM/AUX switch [11] to the "AUX" position.
- Set the FUNCTION switch [4] to the "ON" position.
- Use a 3.5mm male to male audio cable to connect the Headphone / Audio Out jack of the external device to the AUX IN jack [12] of the CRA-54/50.
- Adjust the volume to a comfortable listening level and start playback on the external device. You may also use the VOLUME dial [13] of the CRA-54/50 to adjust the volume level.