



# CP308S INSTRUCTION MANUAL

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# Warnings and Precautions

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TO PREVENT FIRE OR SHOCK HAZARDS, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.



This symbol, located on back or bottom of the unit, 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.



This symbol, located on back or bottom of the unit, is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

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

To reduce the risk of electric shock, do not remove cover (or back). There are no user-serviceable parts inside. Please refer any servicing to qualified service personnel.

**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.

NOTE: 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 Instructions

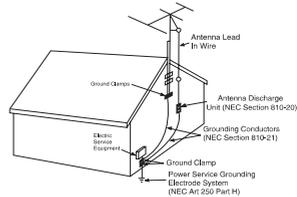
1. Read Instructions - All the safety and operating instruction should be read before the product is operated.
2. Retain Instructions - The safety and operating instruction should be retained for future reference.
3. Heed Warnings - All warning on the product and in the operating instructions should be adhered to.
4. Follow instructions - All operating and use 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 - Do not use attachments not recommended by the product manufacturer as they may cause hazards.
7. Water and Moisture - Do not use this product near water - for example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement, or near a swimming pool, and the like.
8. Accessories - Do not place this product on an unstable cart, stand tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table 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 appliance and cart combination to overturn.



10. Ventilation - Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and 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 not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instruction have been adhered to.
11. Power Sources - 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 product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instruction.
12. Grounding or Polarization - This product may be equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.  
Alternate Warnings - This product is equipped with a three-wire grounding-type plug, a plug having a third (grounding) pin. This plug will only fit into a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding-type 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 point where they exit from the product.
14. Protective Attachment Plug - The product is equipped with an attachment plug having overload protection. This is a safety feature. See Instruction Manual for replacement or resetting of protective device. If replacement of the plug is required, be sure the service technician has used a replacement plug specified by the manufacturer that has the same overload protection as the original plug.

15. Outdoor Antenna Grounding - If an outside antenna is connected to the receiver, be sure the antenna system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna-discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

See figure:



16. Lightning - For added protection for this product during 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.
17. 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.
18. Overloading - Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
19. 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 a fire or electric shock. Never spill liquid of any kind on the product.
20. Servicing - 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.
21. 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 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 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, and
  - f) When the product exhibits a distinct change in performance - this indicates a need for service.
22. Replacement Parts - When replacement parts are required, be sure the 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.
23. 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 operating condition.
24. Wall or Ceiling Mounting - The product should be mounted to a wall or ceiling only as recommended by the manufacturer.
25. Heat - The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

## In the Box

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- CP308S
- Documentation

## Features

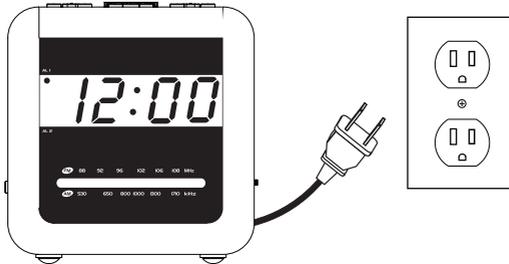
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- AM/FM Clock Radio
- Dual Alarm
- Gradual Wake
- Wake to Radio, Buzzer or Nature Sounds
- Snooze Function
- Sleep Function
- Battery Backup keeps time during power outage
- 2 Nature Sounds
- 0.9" Amber LED Display
- Display Dimmer Control
- Amber LED Projection Display
- Display Time on Ceiling, Wall, etc with the Projection feature
- Reversible Display Orientation
- Projection Display has 90° adjustment range
- Dual Speakers built in
- Line-In Jack
- AC: 110V AC Line Cord built in
- Battery Backup for Clock, (battery not included)

## Powering the Unit

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Power the unit by connecting it to a standard AC outlet (120V ~ 60Hz) via the attached AC cord.



## Battery Backup

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2 AA Batteries can be inserted into the bottom of the unit to serve as a battery backup in case of a power failure.

*Note, the battery power for this unit is meant as a backup only, and will not sustain the units power for an extended period of time.*

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## Setting the Clock

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1. Turn the unit off by pressing the **Power Button**.
2. Press and hold the **Time Button**.
3. While holding the **Time Button**, press the **Hour Button** to adjust the hour and the **Minute Button** to adjust the minute.
4. Release the **Time Button** to set the time.

## Setting the Alarms

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1. Turn the unit off by pressing the **Power Button**.
2. Press and hold the **AL 1 Button** or **AL 2 Button**.
3. While holding the **AL 1 Button** or **AL 2 Button**, press the **Hour Button** to adjust the hour and the **Minute Button** to adjust the minute.
4. Release the **AL 1 Button** or **AL 2 Button** to set the alarm time.

*The AL 1 time represents alarm #1 and AL 2 represents alarm #2.*

5. Adjust the **Alarm 1** and/or **Alarm 2 Switches** to radio, N1 (nature sound #1), N2 (nature sound #2), or buzzer.
6. When the set alarm time is reached, the alarm will sound to the designated mode (radio, N1, N2, or buzzer).
7. Press the **Power Button** to turn the unit on.
8. Press the **AL 1 Button** or **AL 2 Button** to turn on alarm 1 or alarm 2.

*A light will appear on the LCD Display to indicate that alarm 1 or alarm 2 is activated.*

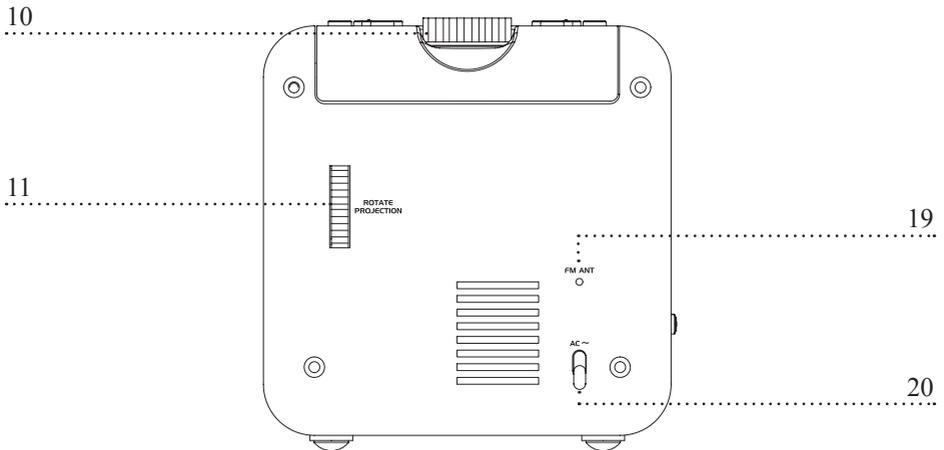
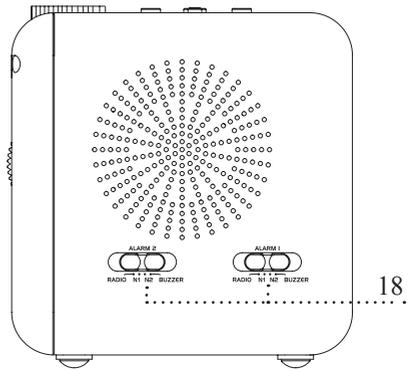
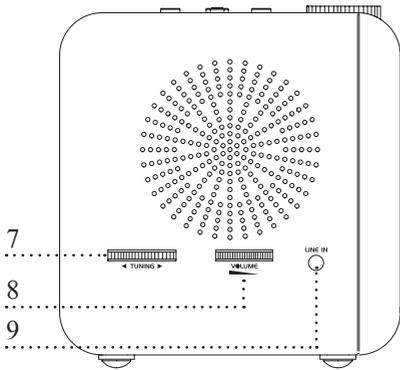
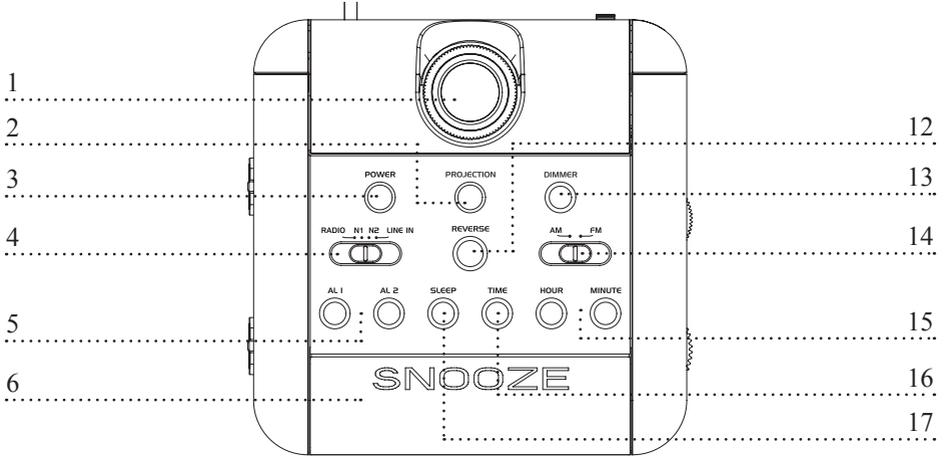
## Tuning the AM/FM Radio

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1. Turn the unit on by pressing the **Power Button**.
2. Adjust the **Radio/N1/N2/Line In Switch** to radio mode.
3. Adjust the **AM/FM Switch** to AM or FM radio.
4. Turn the **Tuning Dial** to adjust the AM or FM radio station.

*The current AM or FM radio station is indicated by the Radio Frequency Display on the front of the unit.*

# Operations



# Operations

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- 1 Projection Display**  
The Projection Display projects the time onto wall.

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  - 2 Projection Button**  
Press the Projection Button to activate the Projection Display.

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  - 3 Power Button**  
Press the Power Button to turn the unit off and on.

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  - 4 Radio/N1/N2/Line In Switch**  
Adjust the Radio/N1/N2/Line In Switch to switch between radio, nature sound 1 or 2, and Line Input mode.

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  - 5 AL 1 & AL 2 Button**  
Press and hold the AL 1 & AL 2 Buttons, while the unit is powered off to set alarm 1 and alarm 2.  
  
Press the AL 1 & AL 2 Buttons, with the unit powered on, to activate alarm 1 and alarm 2.

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  - 6 Snooze**  
Press the Snooze Button after the alarm sounds to delay the alarm for an additional 9 minutes.

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  - 7 Tuning Dial**  
Turn the Tuning Dial to adjust the AM and FM radio station.

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  - 8 Volume Dial**  
Turn the Volume Dial to adjust the volume of audio output from the unit.

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  - 9 Line Input**  
Use the Line Input to connect an MP3 player or other audio device to the unit.

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  - 10 Focus Dial**  
Turn the Focus Dial to focus the light from the Projection Display.

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  - 11 Rotate Projection Dial**  
Turn the Rotate Projection Dial to adjust the angle of the Projection Display.

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  - 12 Reverse Button**  
Press the Reverse Button to reverse the projection from the Projection Display.

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  - 13 Dimmer Button**  
Press the Dimmer Button to dim the LCD Display.

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  - 14 AM/FM Switch**  
Adjust the AM/FM Switch to switch between AM and FM radio when in radio mode.

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  - 15 Hour & Minute Buttons**  
Press the Hour & Minute Buttons when setting the time or alarm.

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  - 16 Time Button**  
Press and hold the Time Button with the unit turned off to adjust the time.

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  - 17 Sleep Button**  
Press the Sleep Button to set the sleep timer between 10-90 minutes in 10 minute increments.

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  - 18 Alarm 1 & Alarm 2 Switch**  
Adjust the Alarm 1 or Alarm 2 Switch to set alarm #1 or alarm #2 to wake to the radio, nature sound 1 or 2, or the buzzer.

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  - 19 FM Wire Antenna**  
Use the FM Wire Antenna to improve the reception of the FM radio.

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  - 20 AC Power Cable**  
Plug the AC Power Cable into a standard AC outlet (120V~60Hz) to power the unit.
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## Service Information

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**Address** 2116 Carr Street, St. Louis MO, 63106

**Phone** 1-314-621-2881

**Fax** 1-314-588-1805

**Email** [prodinfo@gpx.com](mailto:prodinfo@gpx.com)

**Website** [www.gpx.com](http://www.gpx.com)

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