

ENVIRONMENTAL PROTECTION



Do not dispose of this product with the normal household waste at the end of its life cycle. Return it to a collection point for the recycling of electrical and electronic devices. This is indicated by the symbol on the product, user manual or packaging.

The materials are reusable according to their markings. By reusing, recycling or other forms of utilization of old devices you make an important contribution to the protection of our environment.

Please contact your local authorities for details about collection points.

	WARNING Risk of electric shock Do not open	
Caution: To reduce the risk of electric shock, do not remove the cover (or back). There are no user serviceable parts inside. Refer servicing to qualified service personnel.		



This symbol indicates the presence of dangerous voltage inside the enclosure, sufficient enough to cause electric shock.



This symbol indicates the presence of important operating and maintenance instructions for the device.

Safety, Environmental and Setup Instructions

- Use the device in dry indoor environments only.
- Protect the device from humidity.
- Do not open the device. **RISK OF ELECTRIC SHOCK!** Refer opening and servicing to qualified personnel.
- Connect this device to a properly installed and earthed wall outlet only. Make sure the mains voltage corresponds with the specifications on the rating plate.
- Make sure the mains cable stays dry during operation. Do not pinch or damage the mains cable in any way.
- A damaged mains cable or plug must immediately be replaced by an authorized service center.
- In case of lightning, immediately disconnect the device from the mains supply.
- Children should be supervised by parents when using the device.
- Clean the device with a dry cloth only.
- Do NOT use CLEANING AGENTS or ABRASIVE CLOTHS!
- Do not expose the device to direct sunlight or other heat sources.
- Install the device at a location with sufficient ventilation in order to prevent heat accumulation.
- Do not cover the ventilation openings!
- Install the device at a safe and vibration-free location.
- Install the device as far away as possible from computers and microwave units; otherwise radio reception may be disturbed.
- Do not open or repair the enclosure. It is not safe to do so and will void your warranty. Repairs only by authorized services/ customer center.
- Only use mercury and cadmium-free batteries.
- Used batteries are hazardous waste and NOT to be disposed of with the household waste!!!
- Return the batteries to your dealer or to collection points in your community.
- Keep batteries away from children. Children might swallow batteries.
- Contact a physician immediately if a battery was swallowed.
- Check your batteries regularly to avoid battery leakage.
- Batteries shall not be exposed to excessive heat such as sunshine, fire or the like.
- CAUTION: Danger of explosion if battery is incorrectly replaced
- Replace only with the same or equivalent type

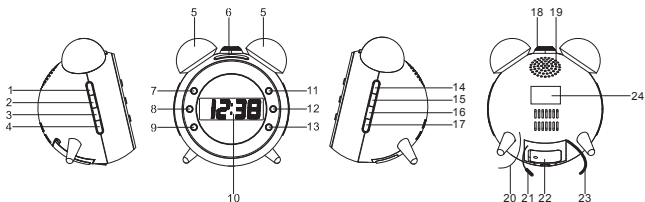


Used batteries are hazardous waste and NOT to be disposed of with the household waste! As a consumer you are legally obligated to return all batteries for environmentally responsible recycling - no matter whether or not the batteries contain harmful substances *).

Return batteries free of charge to public collection points in your community or to shops selling batteries of the respective kind

Only return fully discharged batteries.

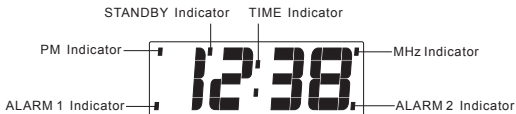
*) marked Cd = cadmium, Hg = mercury, Pb = lead



FUNCTION AND CONTROLS

1. TO SET THE LIGHT INTENSITY HIGH
2. TO SET THE LIGHT INTENSITY LOW
3. LIGHT ON/OFF
4. MEMORY/MEMORY+/NAP/AUTO OFF DISPLAY
5. LAMP SHADE
6. SNOOZE / SLEEP / DIMMER
7. SET/ TEMPERATURE
8. << / TUNE - / YEAR/MONTH/DAY
9. ALARM 1 ON / OFF SET
10. DISPLAY
11. ON / OFF
12. >> / TUNE + / DST/C-F
13. ALARM 2 ON / OFF SET
14. VOLUME UP / DISPLAY AUTO CHANGE ON/OFF
15. VOLUME DOWN
16. PROJECTION TIME 180° FLIP/TIME- TEMPERATURE
17. PROJECTION ON/OFF
18. FOCUS ADJUSTMENT FOR PROJECTION UNIT
19. SPEAKER
20. FM ANTENNA
21. TEMPERATURE SENSOR (IN DOOR)
22. BATTERY COMPARTMENT
23. AC POWER CORD
24. RATING LABEL

LED DISPLAY



POWER CONNECTION

Plug the AC power cord to a household outlet AC source. This unit is equipped with a battery back up system, it requires a 3V CR2032 flat lithium battery (not included). Insert the battery in the battery compartment, making certain that the positive and negative (+ and -) battery terminals are attached to the corresponding terminals on the plate in the battery compartment. If an AC power failure occurs, the clock automatically switches to the battery power supply, the clock and timer memory continue running. When the AC power resumes, the clock switches back to AC again.

GETTING STARTED

1. TIME AND CALENDAR MANUAL SETTING

- A. Setting Time and Calendar – Press set button (7) in normal mode and keep depress over 2 seconds to enter time set mode, after enter the setting mode, press set button (7) to change the mode cycle as follows :

Normal → Year → Month → Day → 12/24 H → Real time Hour → Real time Min → Normal

Action (during data adjustment):

- Press << / Tune - button (8) to adjust data backward.
- Press >> / Tune + button (12) to adjust data forward.
- Keep depress << or >> button for 2 seconds to enable auto forward.

- B. Setting Alarm 1 and Alarm 2 – Press alarm set button (9/13) during normal mode and keep depress over 2 seconds to enter alarm set mode, after enter the setting mode, press alarm set button (9/13) to change the mode cycle as follows :

Normal → AL 1 Hour → AL 1 Min → AL 1 weekday Alarm → AL 1 wake beep → AL 1 wake radio → AL 1 wake radio volume →Light → Light intensity → Normal.

Normal → AL 2 Hour → AL 2 Min → AL 2 weekday Alarm → AL 2 wake beep → AL 2 wake radio → AL 2 wake radio volume →Light → Light intensity →Normal.

Select alarm weekday mode as follows

1-5 : Monday to Friday

1-7 : Whole week

6-7 : Saturday & Sunday

1-1 : One day of week

Action (during data adjustment) :

- Press << / Tune - button (8) to adjust data backward.
- Press >> / Tune + button (12) to adjust data forward.
- Keep depress << or >> button for 2 seconds to enable auto forward.

Alarm wake-up light:

The light will come on 5 minutes before the set alarm time. The light will start out at a low level and increase gradually to the set max level.



ALARM DURATION AND SNOOZE FUNCTION

Alarm Duration – Beep alarm or radio alarm will continue output for 30 minutes if no key press, then it will stop automatically and wait for same alarm time on next day.

Action for Snooze :

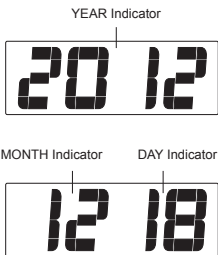
- During alarming, press Snooze button (6) will enable snooze function, Beep alarm or Radio alarm will stop.
- Snooze interval is 9 minute (not include second offset)
- Snooze will continue unless press ON/OFF button (11) to alarm off of Buzzer alarm or Radio Alarm stop automatically after 30 minutes.

Display light on/off function:

- Press Memory. set / memory+ / display light auto on-off /NAP button (4) for 3 seconds, the LED display  Indicator will light on, the LED display will turn off after 15 seconds automatically, Press any button to maintain the LED display for 15 seconds.
- Press Memory. set / memory+ / display light auto on-off /NAP button (4) for 3 seconds, the LED display  Indicator will light off to cancel this function.

AUTO CHANGE DISPLAY CONTENT:

In radio off mode, press the VOLUME UP / DISPLAY AUTO CHANGE ON/OFF button (14) and keep depress over 2 seconds to enter time display auto change mode. to display the Year and press again to display Month/Day/ Temperature, the display returns to time display after 5 seconds.



Listening to Radio

Press the ON/OFF button (11) to turn the unit on.

Use the Tune + or Tune – button to select the desired radio station. If you press and hold the Tune + or Tune – button for one second, the release, the unit will automatically scan to the next broadcasting station.

Press the ON/OFF button (11) to turn the radio OFF.

To set / recall the radio presets

Press the ON/OFF button (11) to turn the unit ON.

Use the Tune + or Tune - button to select the desired radio station.

Press the memory / memory + button; "P02" will blink in the display.

Press the memory / memory + button again to set the preset.

Repeat steps 2 through 4 to set more presets.

The unit can preset 10 stations totally for FM.

When "P01-P10" is blinking, press the Tune+ or Tune- button to select the preset number.

When recalling preset stations, press memory / memory +/nap button to select the preset number.

Note :

- Ensure that the FM antenna is completely unrolled and extended for best FM reception.

Sleep operation

When listening to radio, press Snooze / Sleep/dimmer button (6) to enter sleep mode.

You can just adjust the sleep timer from 90 mins to 15 mins by pressing the Snooze / Sleep/dimmer button (6). The unit will automatically turn off after the selected time.

NAP timer function (count down timer)

During radio off mode, press MEMORY.SET / MEMORY+ / NAP button (4) to turn on NAP mode, the NAP time will keep by 5 seconds, within 5 seconds and press MEMORY.SET / MEMORY+ / NAP button (4) button can change the duration from 90 min – 10 min.

The alarm buzzer will sound for 30 min and then shut off automatically. To stop the alarm buzzer, press the ON/OFF button (11).

Press the MEMORY.SET / MEMORY+ / NAP button (4) has no effect during alarm operation. Press ON/OFF button (11) to cancel NAP function.

Remark :

When using the NAP alarm did not the wake up light function

PROJECTION UNIT

- Focus setting : Adjust the projection clock brightness/focus by turning the brightness/focus adjustment wheel unit the projected time is clearly shown on the ceiling or wall.
- Adjust projected direction.
- To flip projected image by 180°, press 180° flip button (16).
- Converted the projection time or temperature, press keep depress over 2 seconds to enter PROJECTION TIME 180° FLIP/TIME-TEMPERATURE button (16).

NOTE : PROJECTS TIME IMAGE ON THE CEILING OR WALL OF A DARKENED ROOM.

MAXIMUM PROJECTION DISTANCE IS 3-9 FEET.

SPECIFICATIONS

- Frequency range : 87.5 – 108 MHz
- Battery backup : 3V (CR2032 Flat Lithium battery x 1) not included
- Power supply : AC230V 50Hz
- Temperature range for Indoor : 0 to + 50°C or 32 to 122 °F

Select DST (daylight saving time) mode

For countries with daylight saving time (DST).the clock radio offers you DST option to adjust summer time.

In standby mode press and hold >> / TUNE + / DST button (12) for 2 seconds. The clock advances by one hour.

To exit DST mode, repeat the above operation.

RESETTING

If the system does not respond or exhibits erratic or intermittent operation, you may have experienced an electrostatic discharge (ESD) or a power surge that triggered the internal microcontroller to shut down automatically. If this occurs, simply disconnect the ac power cord and remove the system backup battery, wait for at least 3 minutes and then setup the unit again as if it is a brand new unit.

WARNING

1. No naked flame sources, such as lighted candles, should be placed on the apparatus.
2. Do not place the product in closed bookcases or racks without proper ventilation.
3. Where the mains plug is used as the disconnect device, the disconnect device shall remain readily operable.
4. The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloths, curtains, etc.
5. It shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
6. Do not connect FM antenna to outside antenna.
7. The unit should not be exposed to direct sunlight, very high or low temperature, moisture, vibrations or placed in dusty environment.
8. Do not use abrasive, benzene, thinner or other solvents to clean the surface of the unit. To clean, wipe it with mild non-abrasive detergent solution and clean soft cloth.
9. Never attempt to insert wires, pins or other such objects into the vents or opening of the unit.
10. Disconnect device warning : Mains plug is used as the connection, so it should always remain ready operate.
11. Batteries shall not be exposed to excessive heat such as sunshine, fire or the like.
12. Class 1LED product.

CAUTION

Danger of explosion if battery is incorrectly replaced
Replace only with the same or equivalent type