

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 service/ 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

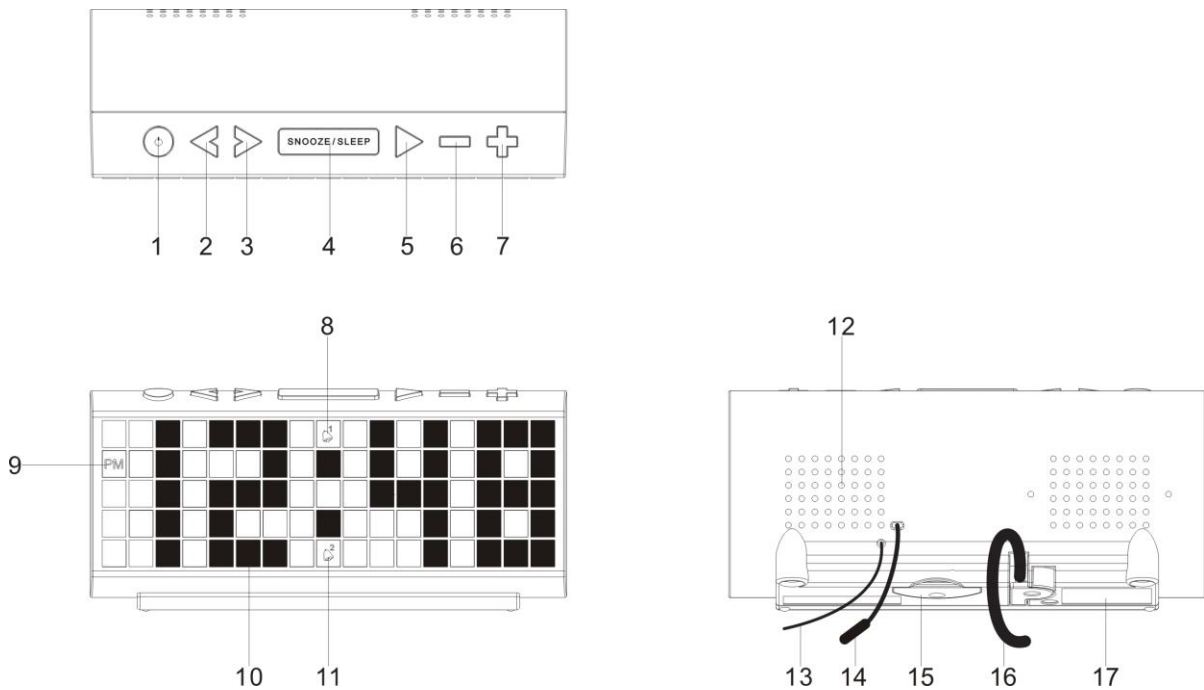


Used batteries are hazardous waste and NOT to be disposed of with the household waste! As a consumer you are legally obligated to return all batteries for environmentally responsible recycling - no matter whether or not the batteries contain harmful substances *).

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.

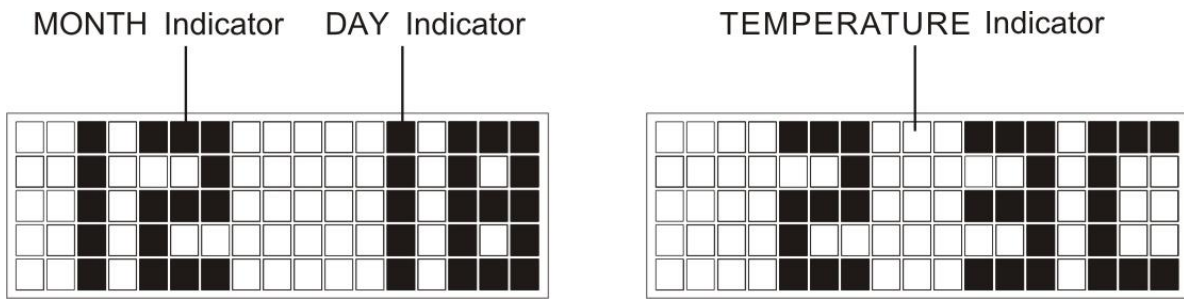
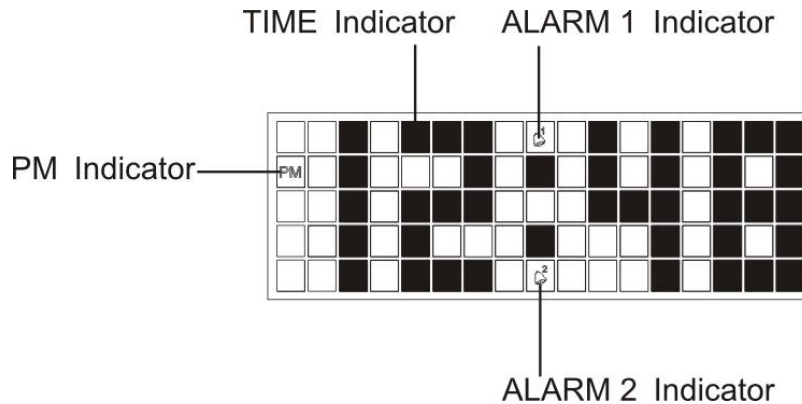
*) marked Cd = cadmium, Hg = mercury, Pb = lead



FUNCTION AND CONTROLS

1. ON –OFF / ALARM OFF
2. << / TUNE - / YEAR/MONTH-DAY / TEMPERATURE / C-F / BETWEEN DISPLAY CONTENTS ON-OFF/ SKIP BACK BUTTON
3. >> / TUNE + / SKIP FORWARD / NAP / DST
4. SNOOZE / SLEEP / DIMMER / POWER SAVING
5. TIME SET / MEMORY / MEMORY+
6. ALARM 1 ON - OFF SET / VOLUME DOWN
7. ALARM 2 ON - OFF SET / VOLUME UP
8. ALARM 1 INDICATOR
9. PM INDICATOR
10. TIME INDICATOR
11. ALARM 2 INDICATOR
12. SPEAKER
13. FM ANTENNA
14. TEMPERATURE SENSOR (IN DOOR)
15. BATTERY COMPARTMENT (BOTTOM OF UNIT)
16. AC POWER CORD
17. RATING LABEL (BOTTOM OF UNIT)

LED DISPLAY MODE



GET STARTED

- Select a proper place for the device such as a dry, and even non slip area where you can easily operate the device.
- Inserting the Battery (Backup)

INSTALLING/REPLACING THE BACK-UP BATTERY

This unit is equipped with a battery back-up system, requiring one DC3V CR2032 lithium battery (not included) to maintain the time/calendar settings and radio presets during AC power outage.

1. Unscrew and remove the BATTERY COMPARTMENT COVER.
2. Install one fresh CR2032 lithium battery into the battery compartment following the polarity diagram on the BATTERY COMPARTMENT COVER. Use only the specified size and type of battery.
3. Replace the BATTERY COMPARTMENT COVER and tighten its screw.

Note: The unit will operate without a battery installed but your time & alarm setting and radio presets will be lost and will have to be reset in the event of power interruption or failure.

IMPORTANT:

Be sure that the battery is installed correctly. Wrong polarity may damage the unit and void the warranty. For best performance and longer operating time, we recommend the use of good quality alkaline battery.

AC POWER CONNECTION

Plug the AC power cord into a household outlet AC source.

SETTING THE CALENDAR AND TIME

1. In standby mode, press and hold the Time set button (5) for about 2 seconds to enter the calendar/time set mode.
2. The year indicator will flash on the LED DISPLAY for up to 30 seconds prompting for a new entry.
3. While the display is flashing, repeatedly tap the unit buttons (2), (3) to adjust to the correct year. Press and hold the unit (2), (3) button faster scanning backward or forward. Tap the unit button (5) to confirm.
4. Repeat steps #2 to #3 to adjust the month, day, time format, current hour and finally current minute in the same way.

Notes:

The display sequence in calendar / time set mode will be as follows:

Year → Month → Date → 12/24 Hour Time Format → Real Time Hour →
Real Time Min → Normal Time

To check the year while current time is displayed, tap the unit button (2) once. The LED DISPLAY will change to year display for 5 seconds and then revert to current time automatically.

To check the date while current time is displayed, tap the unit button (2) twice. The LED DISPLAY will change to date display for 5 seconds and then revert to current time automatically.

Make sure the hour is set so that the PM indicator is displayed correctly for afternoon/night times.

SWITCHING THE UNIT ON/OFF

Press the unit on/off button (1) to switch the unit on or off.

VOLUME ADJUST

Press the unit (6) and (7) button to set the desired volume level. The volume level reading will appear in the LED DISPLAY.

DIMMER CONTROL

In radio off mode, press the DIMMER button (4) allows you to set the brightness of the LED display to high, low 2 levels.

1. The clock display with dimmer low is the default setting.
2. It will consume more power if you set the clock display with dimmer higher.

TOGGLE TEMPERATURE DISPLAY BETWEEN °C (CELSIUS) AND °F (FAHRENHEIT)

1. Press the device to standby mode using the unit button (1).
2. Press the unit button (2) to display the temperature.
3. While the temperature is displayed, press the unit button (2) for about 3 seconds to switch between °C and °F.

RADIO TUNING

1. In standby mode, Press the unit on/off button (1) to turn the unit 'On'.
2. The LED DISPLAY will show the radio frequency for about 5 seconds and then revert to normal time display.

AUTOMATIC SEARCH FOR RADIO STATIONS

To automatically search for stations with strong signals, press and hold the main unit button (2) and (3) until the frequency readout on the display begins to scan. Release the button. The tuner will stop on the first strong station it finds.

MANUAL SEARCH FOR RADIO STATIONS

1. Tap the unit (2) and (3) button repeatedly to choose your desired radio station.
2. Tap the unit (6) and (7) button to set the desired volume level. The volume level reading will appear in the LED DISPLAY.

Notes:

- Use manual tuning to select weaker stations that might be skipped during automatic tuning.
- If the automatic tuning does not stop on the exact frequency of the station, for example, it stops on 88.9 MHz instead of 88.8 MHz, use the manual tuning method to "fine tune" to the exact frequency of the desired station.

HINTS FOR BEST RECEPTION

To insure maximum FM tuner reception, unwrap and fully extend the EXTERNAL FM WIRE ANTENNA for best FM radio reception.

TO SET/RECALL RADIO STATION PRESETS

1. Press the unit button (2) and (3) select the desired radio station.
2. Press and hold the unit button (5) the next available preset memory number will flash on the LED display. (Note: "P01" will flash in the display if you are programming presets for the first time.)
3. Press the unit button (2) and (3) to change to the desired preset number P01 thru P10.
4. Repeat steps 1 through 3 to preset up to 10 FM stations.
5. To recall one of the preset stations already programmed, Press the unit button (5) repeatedly until you reach the desired preset number/radio station.

SETTING THE ALARMS (AL1 and AL2)

You can select either a Beeper Alarm or the FM Radio as the alarm source. The setting sequence for ALarm is as follows:

SETTING THE ALARM 1 (BEEPER)

Normal Time → AL 1 Hour → AL 1 Min → AL 1 weekday Alarm → AL 1 beeper → Normal Time.

SETTING THE ALARM 1 (RADIO)

Normal Time → AL 1 Hour → AL 1 Minute → AL 1 weekday → AL 1 beeper → AL 1 radio → AL 1 final radio volume → Normal Time.

SETTING THE ALARM 2 (BEEPER)

Normal Time → AL 2 Hour → AL 2 Min → AL 2 weekday Alarm → AL 2 beeper → Normal Time.

SETTING THE ALARM 2 (RADIO)

Normal Time → AL 2 Hour → AL 2 Minute → AL 2 weekday → AL 2 beeper
→ AL 2 radio → AL 2 final radio volume → Normal Time.

1. In standby mode, tap the AL1 (or AL2) button to show the preset alarm time.
2. Press and hold the AL1 (or AL2) button again for about 2 seconds until the Hour Indicator on the LED DISPLAY flashes. Press the (2) or (3) button to obtain the desired Alarm Hour.
3. Tap the AL1 (or AL2) button again to advance to the Minute Indicator. Press the (2) or (3) button to obtain the desired Alarm Minutes.
4. Tap the AL1 (or AL2) button again to advance to the Weekday Indicator. Press the (2) or (3) button to select the desired Alarm Weekday mode as follows :

1-5: Monday to Friday

1-7: Whole week

6-7: Saturday & Sunday

1-1: One day of week (you need to further select 1 for Monday, 2 for Tuesday and so on)

5. Tap the AL1 (or AL2) button again to advance to select the Alarm source between Beeper or Radio.

Notes:

- If you want to choose radio as the alarm source, you need to set the radio to your desired radio station in radio mode first.
- After selecting the Radio as the alarm source during alarm setting, you need to select FM radio and the preset alarm volume level (up to maximum level 15). When the radio is turned 'On' at the preset alarm time, the radio will begin to sound at a low volume and gradually increases to the preset volume level.

Note: it is not possible to adjust the volume level during the radio alarm. If volume adjustment is needed, you must turn 'Off' the radio first, and then turn it 'On' again using the POWER ON/STANDBY button. The alarm will also be stopped immediately.

6. Press the AL1 (or AL2) button to finish setting and exit to normal time display.
7. To disable ALARM 1 (or 2) from automatically sounding on the upcoming days, press and hold the AL1 (or AL2) button for about 2 seconds, the corresponding AL1 (or AL2) INDICATOR will go off.
8. To resume ALARM 1 (or 2) from automatically sounding on the upcoming days, press and hold the AL1 (or AL2) button for about 2 seconds, the corresponding AL1 (or AL2) INDICATOR will turn on and the alarm(s) will sound the following day at the set time.

TURNING OFF THE ALARM

When the preset alarm time is reached, the AL1 (or AL2) INDICATOR will flash on the LED DISPLAY and the beeper alarm or radio will sound for 30 minutes unless interrupted by pressing SNOOZE. To stop the alarm immediately, tap the corresponding AL1 (or AL2) button or POWER ON/OFF button. The alarm will ring again at the same alarm time on the following day, or when set to go off based on your Alarm settings.

SNOOZE FUNCTION

When the alarm source is sounding, press the SNOOZE button to suspend the alarm and activate the snooze function. The Alarm will temporarily stop and sound again 9 minutes later but the AL1 (or AL2) indicator will keep flashing.

Notes:

- This manual snooze operation can be repeated again and again.
- To turn off the snooze function before it ends, tap the corresponding AL1 (or AL2) button or the ON –OFF / ALARM OFF button. The AL1 (or AL2) INDICATOR will stop flashing.

SLEEP OPERATION

The sleep timer allows you to turn the unit off after a designated time has elapsed.

1. While listening to the radio, tap the SLEEP button and sleep time '90' (minutes) appears in the LED DISPLAY.
2. Repeatedly tap the SLEEP button to select a sleep timer of 90, 60, 30 or 15 minutes. Wait for about 10 seconds after your selection for the unit to confirm the selection, the unit will play for the selected length of time then turn itself 'Off' automatically.
3. To cancel the sleep timer, repeatedly tap the SLEEP button until you see the current time in the LED DISPLAY after last sleep timer option (15 minutes).
 - This function can be cancelled with the button (1).
4. To turn the unit 'Off' before the selected sleep time, press and the on /off button at any time.

Note:

There is no sleep indicator in this unit. To check the remaining sleep time, tap the SLEEP button once.

NAP ALARM

The nap alarm can be used for e.g. a short "nap". The function only operates in standby.

- Press the unit button (3) to select the time after which the device will beep. Select from 90 to 10 minutes or OFF (off) in steps of 10 minutes.
- After the selected time has elapsed, an increasingly fast beep will sound. Use the unit button (1) to turn off the beep.

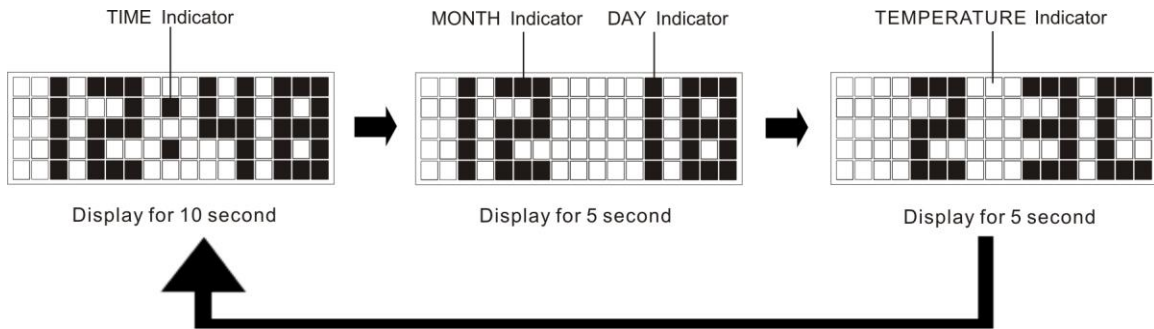
DAYLIGHT SAVING TIME (DST) MODE

If daylight saving time (DST) is available in the summer time in your State, you may use this option to adjust to the correct time easily.

1. In standby mode, press and hold the unit DST button (3) for 2 seconds to advance the displayed time by one hour.
2. To cancel DST mode, repeat the above operation.

ALTERNATE DISPLAY BETWEEN TIME AND TEMPERATURE MONTH-DATE DISPLAY

1. In radio off mode, press and hold the unit button (2) for about 3 seconds until "ON" appears in the LED DISPLAY.
2. The DISPLAY will alternate between the current Time for 10 seconds and month- date for 5 seconds and temperature for 5 seconds as follows:



To cancel this function, press and hold the unit button (2) for about 3 seconds until "OFF" appears on the LED DISPLAY. The DISPLAY will switch back to normal time display.

NOTE

If you replace the battery, do not disconnect AC plug from AC outlet. Otherwise, current time and alarm will be initialized.

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.

SPECIFICATIONS

Frequency range: FM 87.5 – 108 MHz

Temperature Sensor Range: 32 °F to 122 °F (0°C to +50°C)

Battery backup: 3V (CR2032 Flat Lithium battery x 1)

Power supply : AC230V 50Hz