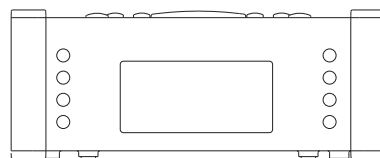


RCR-2



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Version 1

Important safety instructions

1. Read and understand all safety and operating instructions before the radio is operated.
2. Retain instruction: The safety and operating instructions should be retained for future reference.
3. Heed warnings. All warnings on the appliance and operating instructions should be followed.
4. Follow all operations and use instructions.
5. Water and Moisture: The appliance should not be used near water. Do not use near a bathtub, washbowl, laundry tub, kitchen sink, wet basement, swimming pool, etc.
6. Unplug the radio from the AC power outlet before cleaning. Use only a damp cloth for cleaning the exterior of the radio.
7. Do not place the radio on an unstable cart, stand, bracket or table. The radio may fall, causing serious personal injury and damage to the radio.
8. Ventilation: This radio should be situated so that its location or position does not interfere with its proper ventilation. For example, the radio should not be used on a bed, sofa, rug or other soft surfaces that may block the ventilation openings. It should not be placed in a built-in situation like a cabinet that may reduce air flow through the ventilation openings.
9. Power sources: The radio 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 radio dealer or power company.

10. Power cords: The power cord should be positioned so it is not walked on, pinched, or items placed on top of it. Pay particular attention to cords at plugs, convenience receptacles, and the point where they exit from the unit. Unplug the power cord by gripping the power plug, not the cord. Operate the radio using only the correct type of power source indicated. If you are not sure of the type of power supply to your home, consult your dealer or local power company.

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11. Do not overload wall outlets or extension cords. This can result in a risk of fire or electrical shock. Never insert objects of any kind into the radio through opening.

The objects may touch dangerous voltage points or short out parts. This could cause a fire or electrical shock.

12. If the radio is left attended and unused for long periods of time, unplug it from the wall outlet. This will prevent damage caused by lightning or power line surges.

13. If the radio is left unattended and unused for long periods of time, remove the batteries. The batteries may leak and damage furniture or your radio.

14. Do not attempt to service the receiver yourself. Removing the cover may expose you to dangerous voltage, and will void the warranty. Refer all servicing to authorized service personnel.

15. Object and Liquid Entry – Never push objects of any kind into this radio 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.

16. The appliance should be serviced by qualified service personnel when:

A: The power supply cord or the plug has been damaged.

B: Objects have fallen or liquid has been spilled into the radio.

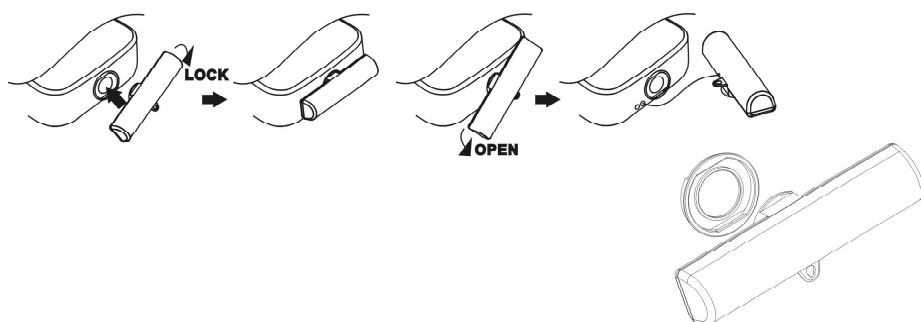
C: The radio has been exposed to rain or water .

D: The radio does not appear to operate normally or exhibits a marked change in performance.

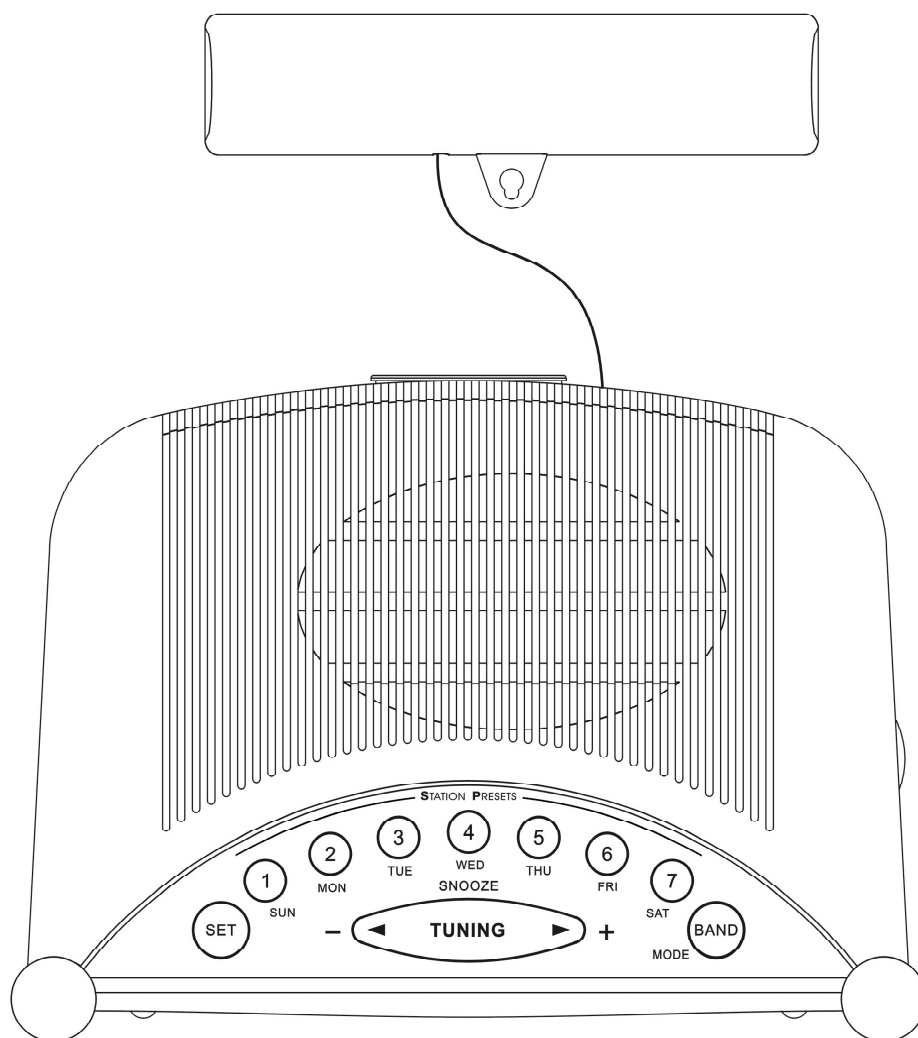
E: The radio has been dropped, or the enclosure damaged.

Main features

- (1) 14 station memories (7 each on MW/FM bands)
- (2) Digital radio controlled clock with date display
Date and time displays are checked and if necessary corrected daily with an exact radio controlled time antenna signal
- (3) Nap timer
Adjustable from 10-120 minutes
- (4) Alarm with Humane Wake System (HWS)
The alarm begins quietly and gradually becomes louder before switched off (buzzer alarm only)
- (5) Radio alarm
Woken up by the favorite station
- (6) Two independent alarm functions
- (7) Alarm week day selection
- (8) Adjustable alarm level (buzzer alarm only)
- (9) Headphone jack
- (10) Time Zone adjustment (-1 , 0 , +1 , +2)



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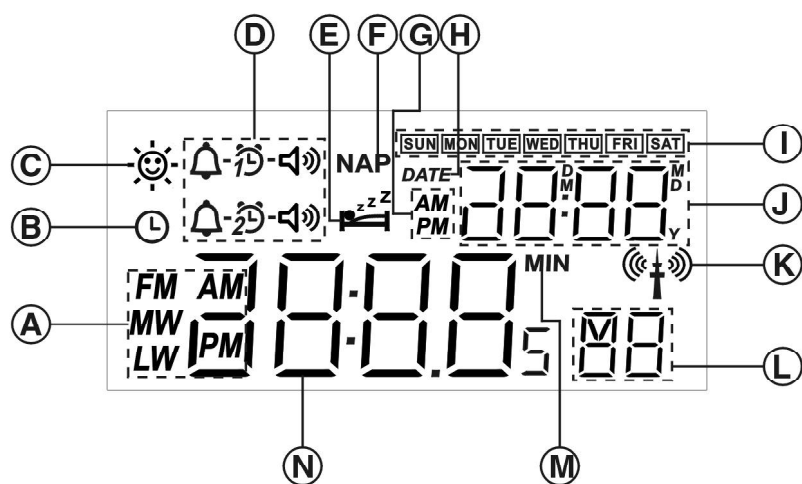




Controls

- ① Power on/off and Sleep timer
- ② Nap timer
- ③ Display button to display time and radio frequency
- ④ Display backlight on/off button
- ⑤ Buzzer alarm level adjustment
- ⑥ RESET
- ⑦ Time zone adjustment
- ⑧ Date adjustment
- ⑨ Time adjustment
- ⑩ Alarm 2 button
- ⑪ Alarm 1 button
- ⑫ Headphones socket
- ⑬ Time/Date/Alarm set button
- ⑭ LCD display
- ⑮ Tuning Up/Down and Snooze button
- ⑯ Station memories and alarm week days selection
- ⑰ MW/FM band and alarm mode selection also Daylight Saving Time (D.S.T.) set .
- ⑱ Volume control
- ⑲ External Antenna for radio controlled clock

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LCD display

- Ⓐ Radio band and a.m./p.m. display
- Ⓑ Time set
- Ⓒ Daylight Saving Time (D.S.T.)
- Ⓓ Alarm indicator
- Ⓔ Sleep timer
- Ⓕ Nap timer
- Ⓖ Alarm a.m./p.m. indicator
- Ⓗ Date
- Ⓘ Week day
- Ⓙ Month/Date/Year/alarm time
- Ⓚ Radio controlled symbol
- Ⓛ Station memory number and second indicator
- Ⓜ Minute (for Nap and Sleep timer)
- Ⓝ Frequency/Time display

Notes on safety

Only operate this appliance with a power supply of 220-230 Volt/ 50-60 Hz . If you intend not using the appliance for a longer period of time (eg. Holidays), pull the plug out of the mains socket to ensure a complete separation from the power supply.

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Protect the appliance from heat and moisture.

Do not open the appliance and if it should require servicing, please refer to a licensed electrical workshop.



Operation


Clock

Radio controlled clock

In normal case, please set the time zone switch 7 to 0 (UTC) position.

When the appliance is connected to the power supply for the first time or if it has been separated from the power supply for a longer period of time, the radio will appear L9 or L8 or less to indicate the strength of radio controlled signal. If the signal indication is weaker than L7, please rotate the external antenna and if necessary extend the external antenna to a proper position to get best signal.

Display will appear — : — and the symbol  will blank indicating the radio is searching radio controlled signal. The correct time and date will be set automatically. When the time signal is being received, the time and date have been set correctly (after approximate 3 minutes), the  symbol stops blinking and remains lit indicating the time and date are with radio controlled time.


If the symbol  blinks irregularly, try to improve the reception of the radio controlled time signal by re-allocating the radio, or rotate or extend the external antenna. If the time signal can not be received in your area, you will have to set the time and date manually.

Note :

To activate radio controlled time check manually, press Time button 9 for more than 4 seconds, the appliance will start to search radio controlled time signal.

Manual time setting


TIME

Press TIME button, display will flash  and previous allocated time. Press SET button, the Hour digits in the time display begin to blink with a beep.

1. Adjust the hour with key + or - .
2. Press the SET button once again to confirm the hour, now the minute digits in the time display begin to blink.

Adjust the minutes just as you adjusted the hour:

1. Set the minutes with key + or - .
2. Press the TIME button once again to confirm the time setting with a beep.

The second starts to count. The  symbol will appear indicating this is not radio controlled time.

Note:


If there is Daylight Saving Time (D.S.T.) system in your place, after pressing SET button, press Mode button once will advance one hour on time setting, Display will show D.S.T. symbol indicating the time is under D.S.T. status.

DATE

Press DATE button, display DATE will blink. Press SET button, display will blink year with a beep and a small Y (year) will appear,

1. Set the year with key + or -.
2. Press SET button again and follow the setting of year to set the month and date .
3. Confirm DATE setting by pressing DATE button again.

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Now the display will show time, date, week day, second and  symbol .

You can always adjust the time manually whenever is required by following above procedures.

Radio operation

Turn on the radio with the Power on/off key 1.

Tune into desired stations

Manual station selection

1. With the key 15 Tuning + and -, you can tune into the frequency of your desired stations.
2. Scanning tuning
Press and hold key 15 + or – for more than 0.5 seconds and release, the radio will search for the next station.

Storing the preset stations

Tune into the stations.

Select a memory preset button and press for more than 2 seconds until a confirmed beep sounds and display M stops blinking. The station is now stored.

Note:

When you store a new station in a memory slot, the station previously in that slot is automatically erased.

Recall the station memories

Recall the station memories, simply select the required bands and press required station memory slot buttons 1-7.

Volume

You can select the required volume by adjusting the Volume control button 18.

Alarm Clock



Alarm setting can be done while the appliance power is during on or off position.

The alarm clock is equipped with two alarm systems which can be operated independently of each other either with Human Wake System buzzer or with a radio (radio alarm clock).


Alarm with radio

If you like to be awoken by the radio station you are listening, press Alarm system 1 or 2 for more than 2 seconds, the appliance will store the radio alarm station, then follow procedures 1-7 to set radio alarm.





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1. Set the desired radio alarm volume.
2. Select alarm system 1 or 2 by pressing the alarm 1 or 2 button.
Display will blink selected alarm system symbol.
3. Press alarm SET button 13, display will blink both alarm hour and alarm mode with a beep.
4. Press alarm Mode button 17 to select alarm radio mode until display shows .
5. Press + or – to adjust required alarm hour then press SET button again, display minute digits will blink. Press + or – button to adjust required alarm minute.
6. Press week day selection 1-7 (Sunday – Saturday) to select required alarm week day. Display will show the days of the week on which you wish to be woken by the alarm.
7. Press alarm button 1 or 2 to confirm all the alarm set with a beep.
Display will show  indicating radio alarm is set.


Note:

If the alarmed week day(s) or alarm mode is not selected, display will blink all the week days or show  for a few seconds indicating the alarm is not set and disappear, the alarm will not be activated.

Alarm with HWS alarm buzzer


1. Select alarm system 1 or 2 by pressing the alarm 1 or 2 button (11 or 10). Display will blink selected alarm system symbol.
2. Press alarm SET button 13, display will blink both alarm hour and alarm mode with a beep.
3. Press alarm mode button 17 to select alarm buzzer mode until display shows -.
4. Press + or – to adjust required alarm hour then press SET button again, display minute digits will blink. Press + or – button to adjust required alarm minute.
5. Press week day selection 1-7 (Sunday – Saturday) to select required alarm week days. Display will show the days of the week on which you wish to be woken by the buzzer alarm.
6. Press alarm button 1 or 2 to confirm all the alarm set with a beep. Display will show - indicating HWS buzzer alarm is set .

Note:


If the alarm week day (s) is not selected, display will blink all the week days and  the alarm will not be activated.

Cancel alarm setting.

If you do not wish to be woken up at the alarm time you have set, you can cancel the alarm function.

1. Select alarm system 1 or 2 by pressing the alarm 1 or 2 button (key 11 or 10).
2. Press SET button , the alarm mode symbol will blink with a beep.
3. Press alarm MODE button 17 one or two times (depending you were in alarm radio or alarm buzzer status) till display blink .

4. Press alarm 1 or 2 button again to confirm alarm cancellation.

The  symbol will stay on the display for around 2 seconds and disappear.

Note:

You may also select days of the week which you wish to be or not to be woken after pressing SET button while display is blinking days of the week. Press 1-7 (Sunday – Saturday) of button 16 for selection.

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Snooze

To interrupt the alarm signal (radio or beep tone/HWS), press the Snooze button 15. The alarm stops and begins again with interval of 5 minutes. The alarm will continue for an hour if not being interrupted.

Stop the alarm signal

To stop the alarm signal totally, press button 1 Power on/off.

Nap timer

With key 2, you can select the period for the short term alarm in 10 minutes steps from 10-120 minutes.

The Nap timer starts when you release the key. NAP will appear on display. The alarm signal sounds after the period of time which you have set.

If you wish to turn off the Nap timer before the time is up, simply adjust the number of minutes by pressing NAP key to OFF and release. NAP will disappear from display.

When Nap timer signal is on, turn off the timer signal by pressing key 1 Power on/off.

You can also activate the snooze function as described above.

SLEEP – auto shut off

Continuously pressing the Power button 1 will activate the sleep function, the radio will switch off automatically in 15 minutes step from 15-120. The Sleep control begins when you release the key and display will appear. After the minutes which selected, the radio turns itself off automatically. If you wish to turn off the radio beforehand, press Power on/off button 1.

Headphones

The radio provides a Headphones socket to connect the headphones set. When plug in the headphones, the speaker is disconnected.

Alarm level adjustment

With alarm level adjustment switch 5, you may select required alarm signal level.

Note:

Alarm level adjustment works only for buzzer alarm.

Display backlight on/off

Key 4 provides you to select whether you require to illuminate the display.

Time Zone switch

In normal case, please set time zone switch to 0 position.

For some countries where don't provide radio controlled time facility but still can receive radio controlled time signal from nearby countries . If the time zone is different, you may use the time zone switch to correct the time.

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For example, in Turkey which is one hour ahead of Central European time but still can receive radio controlled time signal from Germany, you may use this time zone switch to correct the local time (still radio controlled time).

Suggest to set the switch at 0 position in normal case.

Troubleshooting /RESET

If the radio fails to operate correctly or some digits on the display are missing or incomplete, carry out the following procedures.

1. With the aid of a suitable implement (the end of a paper clip), press the RESET button 6 for a few seconds, this will reset the microprocessor, clock time and clear all the stations stored in preset memory .



Technical data

Power supply	220-230 Volt/50-60 Hz
Output Power	800 mW max
Power consumption	7W (max.).
Frequency coverage	FM 87.50 - 108 .0 MHz MW 522 - 1629 kHz

Technical data subject to changes without prior notice.