



FCC Information

English

FCC Information

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.

In accordance with FCC requirements, changes or modifications not expressly approved by Thomson Inc. could void the user's authority to operate this product.

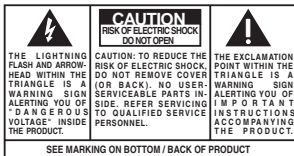
This device generates and uses radio frequency (RF) energy, and if not installed and used properly, this equipment may cause interference to radio and television reception. If this equipment does cause interference to radio or television reception (which you can determine by unplugging the unit), try to correct the interference by one or more of the following measures:

- Re-orient the receiving antenna (that is, the antenna for the radio or television that is "receiving" the interference).
- Move the unit away from the equipment that is receiving interference.

Plug the unit into a different wall outlet so that the unit and the equipment receiving interference are on different branch circuits. If these measures do not eliminate the interference, please consult your dealer or an experienced radio/television technician for additional suggestions. Also, the Federal Communications Commission has prepared a helpful booklet, "How to Identify and Resolve Radio TV Interference Problems." This booklet is available from the U.S. Government Printing Office, Washington, DC 20402. Please specify stock number 004-000-00345-4 when ordering copies.

This product complies with DHHS rules 21CFR subchapter J, applicable at date of manufacture.

This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la class B est conforme à la norme de NMB-003 du Canada.



WARNING: TO PREVENT FIRE OR ELECTRICAL SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

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Safety Information

For Your Safety

The AC power plug is polarized (one blade is wider than the other) and only fits into AC power outlets one way. If the plug will not go into the outlet completely, turn the plug over and try to insert it the other way. If it still does not fit, contact a qualified electrician to change the outlet, or use a different one. Do not attempt to bypass this safety feature.

For Your Records

In the event that service should be required, you may need the model number. In the space below, record the date and place of purchase:

Date of Purchase:

Place of Purchase:

Service Information

This product should be serviced only by those specially trained in appropriate servicing techniques. For instructions on how to obtain service, refer to the warranty included in this Guide.

The descriptions and characteristics in this owner's manual are for the purpose of general reference only and not as a guarantee. In order to provide you with the highest quality product, we may make changes or modifications without prior notice. The English version serves as the final reference on all product and operational details should any discrepancies arise in other languages.

Technical Information

Product: Clock Radio with CD player
Brand: RCA
Model: RP5640

Electrical Consumption

Power Supply: 120V ~ 60Hz
Power Consumption: 22 Watts

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Main plug is used as the disconnect device, it shall remain readily operable and should not be obstructed during intended used. To be completely disconnected the apparatus from supply mains, the main plug of the apparatus shall be disconnected from the mains socket outlet completely.

Important Information

- Make sure that you keep your set away from water and high temperatures.
- Do not use your system immediately after transporting it from a cold place to a warm place, as condensation may cause the system to malfunction.
- Keep your unit away from humid areas and abnormally hot places.
- To prevent personal injury, do not reverse any batteries.
- The use of apparatus in moderate climates.
- The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
- No naked flame sources, such as lighted candles, should be placed on the apparatus.
- Attention should be drawn to the environmental aspects of battery disposal.
- Minimum distance (2cm) around the apparatus for sufficient ventilations.
- The ventilation should not be impeded by covering the ventilation opening with items, such as newspaper, table-cloths, curtains, etc.
- The rating plate is located at the bottom cabinet of apparatus.

Ecology

Help protect the environment - we recommend that you dispose of used batteries by putting them into specially designed receptacles.

Maintenance

Clean the unit with a soft cloth, or a damp chamois leather. Never use solvents.

Precautions

- Never open the cabinet under any circumstances. Any repairs or internal adjustments should be made only by a trained technician.
- Warning: Never operate this product with the cabinet removed.
- The CD player of this unit uses a laser to read the music on the disc. The laser mechanism corresponds to the cartridge and stylus of a record player. Although this product incorporates a laser pick-up lens, it is completely safe when operated according to directions.
- Discs rotate at high speed inside the player. Do not use damaged, warped or cracked discs.
- Do not touch the pick-up lens which is located inside the disc compartment. Also, to keep dust from collecting on the pick-up lens, do not leave the compartment door open for an extended period of time.

Before You Begin

Plugging In For Power
AC OUTLET POWER SUPPLY:
120V~60Hz



Note:

Power is fed to the unit even when it is not functioning. To cut the power supply off, the power cable must be unplugged.

Battery Back-Up Operation

This clock radio is equipped with a memory holding system that can be powered with 2 "AA" batteries (included and installed). The power failure protection circuit will not operate unless battery is installed. When normal and household power is interrupted, or AC line cord is unplugged, the batteries will power the clock radio to keep track of time and alarm settings programmed into memory. When the battery backup functions, the digital display will not light, however, the function of alarm still occurs during the power interruption if remaining battery power is adequate. Normal operation will resume after AC power is restored so you will not have to reset the time or the alarm.

Replace batteries as follow:

1. Remove battery compartment door (located at the bottom of the radio) by applying thumb pressure to the tab on battery door and then lift the door out and off the cabinet.
2. Replace 2 AA batteries.
3. Replace the compartment door.

Note: we recommend that you replace the batteries every 2-3 years.

5633 9330 (ENE)

RCA User manual



EN/E

RP5640

It is important to read this instruction book prior to using your new product for the first time. Es importante leer este manual antes de usar por vez primera su equipo.

General Controls

Please refer to the actual unit when reading the instructions below:

Front View

WAKE UP CD TRACK / STATION - sets the wake up radio station or CD track.

REPEAT - selects repeat 1 / repeat all / shuffle / repeat shuffle in CD mode.

SKIP - skips / searches backward.

PAUSE - starts / pauses CD playback.

SKIP - skips / searches forward.

STOP - stops CD playback.

OFF - turns off the radio / alarm / CD

RECALL - recalls available preset radio stations.

MEMO/SET - sets and stores preset memory in radio mode.

SNOOZE - turns off the alarm momentarily.

VOLUME - decreases volume.

VOLUME - increases volume.

RADIO ON/BAND - turns on the radio / changes radio band.

Top View

OPEN / CLOSE - opens / closes the CD compartment.

WAKE 1 - activates/inactivates WAKE 1 setting, press repeatedly to cycle wake mode: **ON** / **OFF**

WAKE 2 - activates/inactivates WAKE 2 setting, press repeatedly to cycle wake mode: **ON** / **OFF**

NAP - sets the alarm to sound after a specific period of time. (Alarm tone only)

AUDIO-IN - selects auxiliary audio input mode.

SLEEP - activates SLEEP function.

SET CLOCK / WAKE - sets clock time and wake setting.

REV / FWD - change time / radio frequency / CD track

INSTANT WEATHER - recalls available weather stations.

Bottom View

TIME - slide to select different time zone.

DAYLIGHT SAVING TIME - Press and hold for a few seconds to turn on / off the Daylight Saving function.

Battery compartment - see "Battery Back-up Operation".

Back View

AUDIO-IN - auxiliary audio input jack.

COLOR SELECT - press to toggle among 4 backlight colors.

AUTO DIMMER - turns on / off the auto dimmer function.

Listening to Auxiliary Source

1. Connect auxiliary input source (e.g. mp3 player) with a line-in cable (included) to the AUDIO IN jack of the unit.

2. Press **AUDIO IN** to select auxiliary input mode with AUDIO-IN shows on the display.

3. Adjust volume by pressing **VOLUME**

▲ ▼, control other playback operations on the auxiliary unit.

Clock

Before You Plug for Power

1. Setting Time Zone

You may slide the time zone selector at the bottom of the unit to 1) Eastern, 2) Central, 3) Mountain or 4) Pacific. (refer to the maps on the right)

2. Day Light Saving

You can press and hold for a few seconds the day light saving switch at the bottom of the unit to turn on / off in areas observing/not observing such time change.

WARNING: Please avoid playing with these buttons after entering the Clock/Alarm set mode.

Auto Clock Set

You do not have to set the clock time as a built-in automatic time set system is equipped in this clock powered by 3V (2 X AA batteries (included)). All you have to do is to plug this clock for power and current time will be shown automatically. However, the batteries can also be exhausted and we recommend that you replace the batteries every 2-3 years. In case the memory holding batteries are accidentally removed, you may set the clock manually with following procedures:

1. Be sure Time Zone and Daylight Saving Time is adjusted before operating the clock.

2. Press **SET CLOCK/WAKE** repeatedly until the clock setting icon ☺ is displayed.

Press REV or FWD

Press **REV** or **FWD** to set the time. Press and hold the respective buttons to fast reverse or fast forward clock time.

4. Clock time will automatically be saved if no buttons are pressed after a few seconds. You can also press **SET CLOCK/WAKE** once to save your setting and exit clock set mode.

Display

Auto Dimmer

Slide the **AUTO DIMMER** switch at the back of the unit to the **ON** position. The brightness of the LCD display will vary automatically according to the environment.

Slide to the **OFF** position, the display will remain at its brightest level.

Backlight Color Select

You can choose among 4 different backlight color - blue, green, white and amber.

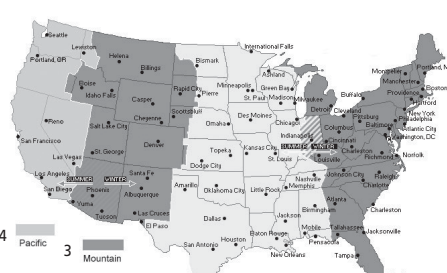
1. Before a specific color is set, the backlight color will keep changing.

2. Press **Color Select** at the back of the unit to toggle among different backlight color.

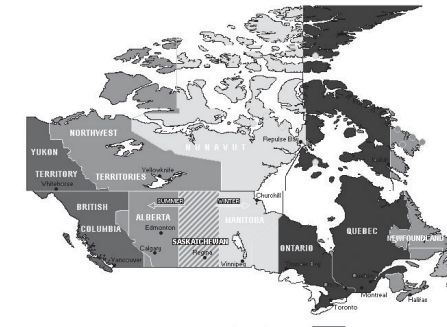
3. If the AC power and backup batteries are removed, the 4 backlight colors will starting changing again once the AC power is resumed.

Clock

US Time Zones



Canadian Time Zones



Radio

Using the Weather Band

Weather information is given continuously from U.S. Government Weather Stations on frequencies from 162.4MHz to 162.55MHz. The weather transmission, broadcast 24 hours a day, are taped messages that are repeated every 4 to 6 minutes and revised and updated as needed to match the changing weather conditions. For additional information, check your location office of the National Weather Service (Department of Commerce).

1. Press **INSTANT WEATHER** to access Weather Bands with strong signals to the unit.

2. Press **REV** or **FWD** to select among the 7 weather channels.

3. **Wx** and the corresponding channel number will show on the display.

IMPORTANT:

The listening range of NOAA weather stations varies from 10 miles up to a maximum of 40 miles from the station's transmitter. In some areas of the United States, weather transmissions cannot be monitored. The effective range of this radio will have side variations due to the height of the local transmitting antenna, atmospheric conditions, and the terrain between the transmitter and your radio's location.

Weather band: CH 1 - 162.550 MHz, CH 2 - 162.400 MHz, CH 3 - 162.475 MHz, CH 4 - 162.425 MHz, CH 5 - 162.450 MHz, CH 6 - 162.500 MHz, CH 7 - 162.525 MHz

TV Band

CH 2-13 are available for TV Band.

1. Press **RADIO ON / BAND** to access TV Bands.

2. Press **REV** or **FWD** to select among the TV channels.

3. **TV** and the corresponding channel number will show on the display.

TV Band

CH 2-13 are available for TV Band.

1. Press **RADIO ON / BAND** to access TV Bands.

2. Press **REV** or **FWD** to select among the TV channels.

3. **TV** and the corresponding channel number will show on the display.

Antennas

FM antenna - The power cord acts as your FM antenna. It picks up moderate to strong radio stations and eliminates the need for an external antenna in most strong signal areas. Be sure the power cord is stretched to its full length. Do not coil or bunch the cord together. Changing position of the power cord may improve reception.

AM Antenna - A built-in ferrite rod antenna eliminates the need for an outside antenna for AM reception. Rotating the unit slightly may improve reception of distant AM stations.

CD Player

Listening to Compact Disc

1. Press **OPEN/CLOSE** to open the CD compartment.

2. Insert a disc; press **OPEN/CLOSE** to close the CD compartment door.

3. Press **▶**.

4. Press **VOLUME + / -** to adjust to your desired listening level.

5. Press **▶** or **◀** to skip backward or forward on the CD track.

6. Press and hold **▶** or **◀** to search backward or forward within the CD track.

7. Press **□** to stop CD playback.

Selecting Play Mode

1. Start CD playback.

2. Press **▶** / **◀** to toggle between different play modes.

▶ - repeats the current track.

◀ - repeats the whole disc.

▶ - plays tracks randomly.

▶ - plays random track repeatedly.

Wake Function

Waking to CD

When the waking to CD is selected, **⊙** / **⊕** icon will light.

1. Press **▶** to turn on the CD.

2. Set the wake time.

3. Press **WAKE 1** or **WAKE 2** to select waking up by CD, **⊙** / **⊕** will light accordingly.

4. Press **VOLUME + / -** to adjust to your desired wake up volume.

5. Press **OFF** to stop the CD playback.

You can select your CD wake up track by the following procedures.

1. In CD mode, while pressing **WAKE UP CD TRACK / STATION**, press **REV** or **FWD** to select your desired CD wake up track.

2. Release **WAKE UP CD TRACK / STATION**, and the CD wake up track is set.

3. To reset the CD wake up track, follow the above procedures and set the CD wake up track to 1.

Note: If the CD compartment is empty, the alarm tone will sound instead even the WAKE TO CD mode is selected.

Waking to RADIO

When the waking to radio is selected, **⊠** / **⊡** icon will light.

1. Press **RADIO ON/BAND** to turn on the radio.

2. Set the wake time.

3. Press **WAKE 1** or **WAKE 2** to select waking up by RADIO **⊠** / **⊡** will light accordingly.

Press VOLUME + / -

Press **VOLUME + / -** to adjust to your desired wake up volume.

5. Press **OFF** to turn off the radio.

You can select your wake up radio station by the following procedures.

1. Press **RADIO ON/BAND** to turn on the radio and select the band.

2. Press **REV** or **FWD** to tune to your desired radio station.

3. Press and hold **WAKE UP CD TRACK / STATION** to store the current radio station as the wake up radio station. **⊠** / **⊡** will show on the display.

Note: "AL" refers to the Alarm Station. If no WAKE STATION is set, the wake up radio station will stay at your last listening radio station.

You can cancel your wake up radio station by the following procedures.

1. Press **RADIO ON/BAND** to turn on the radio.

2. Press **RECALL** repeatedly to select the wake up radio station.

3. Press and hold **MEMO/SET** to cancel the wake up radio station.

Wake Function



Tip:

If you set the Wake function with low volume level before going to bed, we advise using Waking to Alarm Tone mode to wake you up since the volume will automatically increase.

SmartSnooze™

This operation allows extra sleep time after the wake function is on. The alarm will be off by pressing **SNOOZE**, **SLEEP**, **AUDIO-IN**, **NAP**, **WAKE 1**, **WAKE 2**, **SET**, **INSTANT WEATHER** or **OPEN/CLOSE** until the snooze period is over. Snooze function can be used repeatedly up to 30 minutes (default: 9 minutes). After this, the wake function will turn off until the next day. Set the "quiet" period as follow:

While pressing **SNOOZE**, press **REV** or **FWD** to set the "quiet" period (the default time is 9 minutes) from 1 minute to 30 minutes. Release **SNOOZE**, then the "quiet" period is set.

Turning off Wake Function

1. Silence the alarm momentarily

Press **SNOOZE**. The alarm will sound again when the snooze period is over. (see "SmartSnooze™" section).

2. Stop the alarm

Press **OFF** and the alarm will be on again the following day at the same time.

3. Disable the alarm permanently

• Press **WAKE 1** or **WAKE 2** repeatedly until no corresponding wake indicator (e.g. **⊙** / **⊕** / **⊠** / **⊡**) shows on the display.

• To activate the wake function again, press **WAKE 1** or **W**