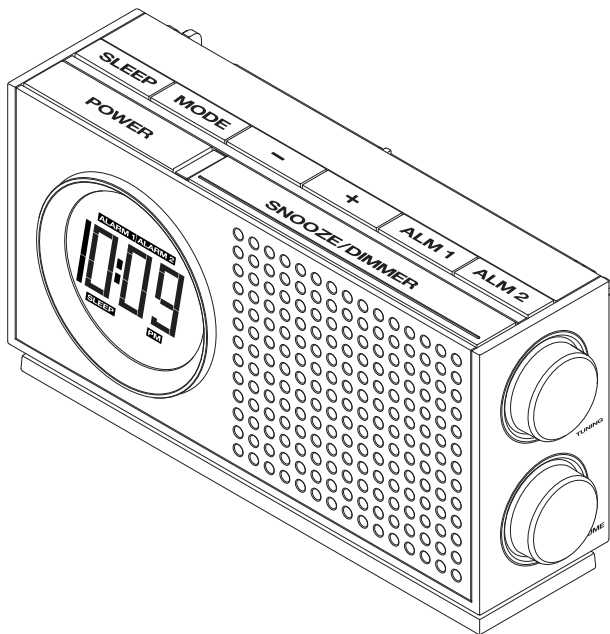


realtone

Model RT212
**AM/FM Dual Alarm
Clock Radio**



Questions? Visit www.realtoneaudio.com

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.

- 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.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

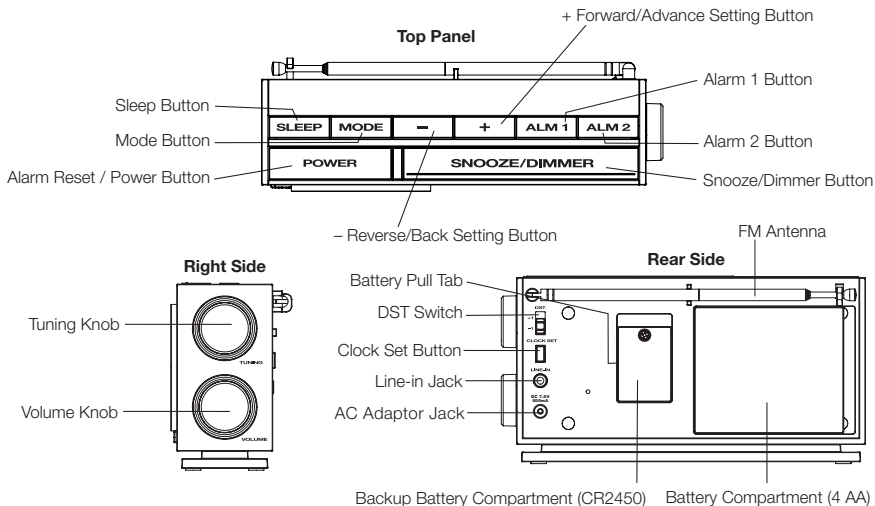
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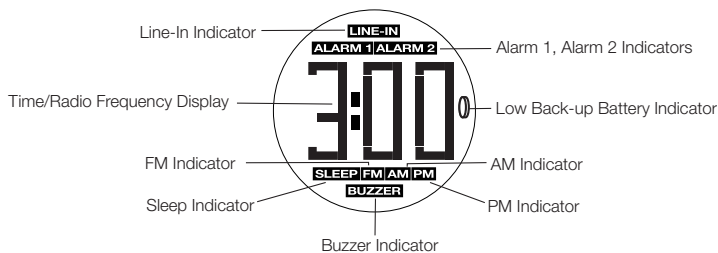
Maintenance

- Place the unit on a level surface away from sources of direct sunlight or excessive heat.
- Protect your furniture when placing your unit on a natural wood and lacquered finish. A cloth or other protective material should be placed between it and the furniture.
- Clean your unit with a soft cloth moistened only with mild soap and water. Stronger cleaning agents, such as Benzene, thinner or similar materials can damage the surface of the unit.

Controls and Indicators

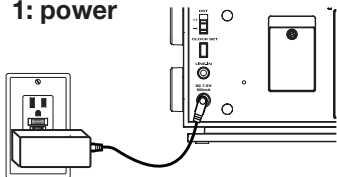


Unit Display



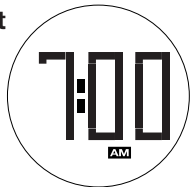
Quick Start

1: power



Connect AC adaptor to jack on back of the unit and plug into a wall socket. Remove the tab from the battery backup compartment on the back of the unit. For portable use, install 4 AA batteries into battery compartment on back of unit.

2: clock set



- Move the DST switch on back of unit to +1 or -1 (adds or subtracts an hour)
- Press & hold the **Clock Set Button** on back until the display flashes
- Press the **+** or **- Buttons** to adjust the time (hold for rapid setting)
- Press the **Clock Set Button** again.

3: alarm



Press and hold **Alarm 1** or **Alarm 2 Button** until display flashes. Press the **+** or **- Buttons** to adjust the alarm time (hold for rapid setting). Press the **Mode Button** to select buzzer or radio as alarm source. Press the **Alarm Button** to confirm alarm setting.

4: radio



Press the **Power Button** to turn unit ON. Press the **Mode Button** as needed to select AM/FM band. Extend antenna on back of unit. Turn the **Tuning Knob** to tune in a station. Adjust antenna for best reception.

Using the RT212

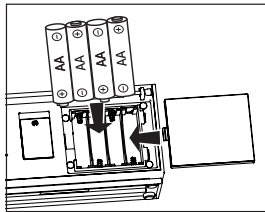
Connect Unit to AC Power Source

Plug the included AC adaptor into the AC adaptor jack on the back of the unit and the other end into a standard 120V AC wall socket.

Installing/Replacing Batteries for Portable Operation

This unit requires 4 "AA" (R6) batteries, not included, for portable operation. We recommend using a well-known brand of alkaline batteries for longest life and best performance.

- Open the battery compartment door, located on the back panel
- Insert 4 "AA" (R6) batteries in the compartment according to the polarity (+/-) markings engraved in the compartment. Note: If the batteries are inserted incorrectly the unit will not work.
- Replace the battery compartment door.
Replace the batteries when the sound of the unit becomes weak or distorted.



Battery Information

- Always replace all 4 batteries at the same time. Do not mix old and new.
- Do not mix various types of batteries such as carbon-zinc, alkaline, lithium, etc.
- Do not attempt to re-charge normal batteries.
- Do not leave exhausted batteries in the unit for an extended period of time. They may eventually leak, causing possible damage to your unit and surrounding surfaces.
- Dispose of exhausted batteries properly, in accordance with your local recycling regulations.

Setting the Clock

- If Daylight Saving Time is in effect, slide the **DST switch** on the back panel to the **+1** position. If Standard Time is in effect slide the **DST switch** to the **-1** position.
- Press and hold the **Clock Set Button** on the rear of the unit until the clock display flashes.
- Press the **+ or - Button** as needed to adjust the display to the current time (hold for rapid setting). AM and PM indicators appear at the bottom of the display. Make sure you set the clock to the correct AM or PM time.
- Press the **Clock Set Button** again to confirm the time setting. Two beeps will indicate clock setting is complete

Using the Alarms

The unit has two independent alarms. Each can be set to wake you at separate times to the current radio station or to a buzzer alarm. **Note:** Alarm 1 and Alarm 2 are set the same way; **Alarm Button** below means the button (Alarm 1 or Alarm 2) for whichever alarm you are setting.

Setting the Alarms

- Press and hold the **Alarm 1 or Alarm 2 Button** until the alarm time flashes.
- Press the **+ or - Button** as needed to adjust the display to the desired alarm time (hold for rapid setting). AM and PM indicators appear at the bottom of the display. Make sure you set the display to the correct AM or PM alarm time.
- During alarm setting, press the **Mode Button** to select Buzzer or Radio (last selected station) to wake to. Default mode is buzzer.
- Press the **Alarm Button** again to confirm alarm setting. To set another alarm, follow steps a - d.

Using the RT212

Arming and Disarming Alarm (Turn Alarm Function ON and OFF)

Press **Alarm 1** or **Alarm 2 Button** to arm or disarm alarm function. When armed, the related alarm icon appears in the display.

Resetting the Alarm to Come on the Next Day

When the alarm is sounding, press the related **Alarm Button** or the **Power Button** to stop the alarm and reset it to come on the following day.

Snooze

Press the **Snooze/Dimmer Button** after the alarm sounds. The alarm will be silenced and come on again after nine minutes. Snooze can be pressed several times during the 1 hour alarm cycle.

Sure Alarm

The unit has a sure alarm feature so the buzzer alarm will still sound in the event of power failure, if backup battery is installed.

Radio

Antenna Information

AM – The AM bar antenna is inside the cabinet. If AM reception is unsatisfactory try turning the cabinet until you find the position that provides the best reception.

FM – Extend the telescoping FM rod antenna on the back cabinet to its full length. You may have to vary the direction of the antenna until you find the position that provides the best reception.

Tuning and Playing the Radio

- Press the **Mode Button** as needed to select FM or AM radio band, indicated by the FM or AM icon on the display.
- Turn the **Tuning Knob** on the right side of the unit to tune radio to a desired station. The time display changes to radio frequency during tuning. After five seconds the display returns to the current time.
- Turn the **Volume Knob** to adjust unit volume up or down.
- Press the **Power Button** to turn the unit off.

Using the Line-in Jack

- Use a standard stereo audio cable with 3.5 mm plugs (available at www.ihomeaudio.com) to play your audio device through the Line-in Jack (connect one end in the device's line out or headphones jack, the other in the line-in jack located on the rear of the unit).
- Press the **Power Button** to turn on the unit.
- To listen to your audio device, press the **Mode Button** until **LINE-IN** is displayed, indicating line-in mode.
- Place your audio device in play mode.
- Turn the **Volume Knob** to adjust the volume on the unit. You may need to adjust the output volume on your line-in device, too.
- When you are done listening, press the **Power Button** to turn off the unit. Remember to turn off your audio device, too.

Using the RT212

Using Sleep Mode

Sleep mode lets you sleep to the current radio station, gradually lowering the volume until the unit shuts off at the selected time.

Press the **Sleep Button** as needed to select an amount of time before the unit shuts off: 120, 90, 60, 30 or 15 minutes, or Off to exit sleep mode and shut the unit off.

Using the Dimmer

Press the **Snooze/Dimmer Button** during normal operation to adjust brightness of LCD display. There are several levels of brightness including OFF.

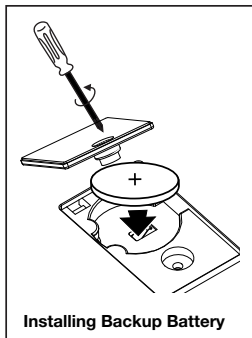
Replacing Back-up Battery

The unit comes with 1 CR2450 back-up battery installed to provide continuous alarm operation and clock settings in the event of a power failure. **Remove the battery pull tab before use.** When the Battery Low Icon located on the right side of the display is flashing, it is time to replace the back-up battery. The battery compartment is located on the bottom of the unit.

1. Please make sure the unit is connected to AC power source, otherwise all settings may be lost during battery replacement.
2. Use a Phillips screwdriver to remove the battery compartment cover located on the back of the unit. Remove exhausted CR2450 battery.
3. Insert a fresh CR2450 battery, checking that the + side is facing you. Replace the compartment door.

Note: Make sure you dispose of battery properly (see your local regulations).

WARNING: Lithium batteries can explode or cause burns if disassembled, shorted, recharged, exposed to water, fire, or high temperatures. Do not place loose batteries in a pocket, purse, or other container containing metal objects, mix with used or other battery types, or store with hazardous or combustible materials. Store in cool, dry, ventilated area. Follow applicable laws and regulations for transport and disposal.



IMPORTANT SAFETY INSTRUCTIONS

When used in the directed manner, this unit has been designed and manufactured to ensure your personal safety. However, improper use can result in potential electrical shock or fire hazards. Please read all safety and operating instructions carefully before installation and use, and keep these instructions handy for future reference. Take special note of all warnings listed in these instructions and on the unit.

- 1. Water and Moisture** – The unit should not be used near water. For example: near a bathtub, washbowl, kitchen sink, laundry tub, swimming pool or in a wet basement.
- 2. Ventilation** – The unit should be situated so that its location or position does not interfere with its proper ventilation. For example, it should not be situated on a bed, sofa, rug or similar surface that may block ventilation openings. Also, it should not be placed in a built-in installation, such as a bookcase or cabinet, which may impede the flow of air through the ventilation openings.
- 3. Heat** – The unit should be situated away from heat sources such as radiators, heat registers, stoves or other appliances (including amplifiers) that produce heat.
- 4. Power Sources** – The unit should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.
- 5. Power-Cable Protection** – Power supply cables should be routed so that they are not likely to be walked on or pinched by items placed upon or against them. It is always best to have a clear area from where the cable exits the unit to where it is plugged into an AC socket.
- 6. Cleaning** – The unit should be cleaned only as recommended. See the Maintenance section of this manual for cleaning instructions.
- 7. Objects and Liquid Entry** – Care should be taken so that objects do not fall and liquids are not spilled into any openings or vents located on the product.
- 8. Attachments** – Do not use attachments not recommended by the product manufacturer.
- 9. Lightning and Power Surge Protection** – Unplug the unit from the wall socket and disconnect the antenna or cable system during a lightning storm or when it is left unattended and unused for long periods of time. This will prevent damage to the product due to lightning and power-line surges.
- 10. Overloading** – Do not overload wall sockets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
- 11. Damage Requiring Service** – The unit should be serviced by qualified service personnel when:
 - A. the power supply cable or plug has been damaged.
 - B. objects have fallen into or liquid has been spilled into the enclosure.
 - C. the unit has been exposed to rain.
 - D. the unit has been dropped or the enclosure damaged.
 - E. the unit exhibits a marked change in performance or does not operate normally.
- 12. Antenna** – Do not connect an external antenna to the unit (other than that provided).
- 13. Periods of Nonuse** – If the unit is to be left unused for an extended period of time, such as a month or longer, the power cable should be unplugged from the unit to prevent damage or corrosion.
- 14. Servicing** – The user should not attempt to service the unit beyond those methods described in the user's operating instructions. Service methods not covered in the operating instructions should be referred to qualified service personnel.

Troubleshooting

Symptom	Possible Problem	Solution
Unit does not turn on	Power cord isn't plugged into a working wall socket	Connect the power cord into a working wall socket, make sure any switch that controls the outlet is ON. Try testing a trusted device in the outlet.
Battery Low icon always flashing	Backup battery is weak/ needs replacement	Replace with new battery
	Battery not installed properly	Check to make sure the polarity (+) matches the diagram in the battery compartment
Unit performance is erratic	The unit is reacting to external interference	Move unit away from potential sources of external interference such as computers, modems, wireless devices (routers) or fluorescent light.
No sound from unit	Volume is set too low on unit	Make sure volume is turned up
AM band radio is very noisy	Unit isn't located properly	Move/ rotate the unit for best reception
Sound is distorted	Volume level is set too high	Decrease the volume
	Sound source is distorted	If you are using an external sound source like older generation of iPod or iPod Shuffle, try reducing the output volume on the device itself.
Alarm not working	AM/PM time/alarm time not set correctly	When setting clock or alarm time, take note of the AM and PM indicators
	Alarm time or source selected for alarm 2, not alarm 1 or vice versa	Make sure to set the alarm time and source for the alarm icon 1 or 2 that is shown on the clock display

Limited 90 Day Warranty Information

realtone, a division of SDI Technologies Inc. (hereafter referred to as SDI Technologies), warrants this product to be free from defects in workmanship and materials, under normal use and conditions, for a period of 90 days from the date of original purchase.

Should this product fail to function in a satisfactory manner, it is best to first return it to the store where it was originally purchased. Should this fail to resolve the matter and service still be required by reason of any defect or malfunction during the warranty period, SDI Technologies will repair or, at its discretion, replace this product without charge (except for a \$7.00 charge for handling, packing, return UPS/postage, and insurance). This decision is subject to verification of the defect or malfunction upon delivery of this product to the Factory Service Center listed below. The product must include proof of purchase, including date of purchase. The fee for service without proof of purchase is \$15.00.

Before returning this product for service, please first replace the batteries (if applicable) with fresh ones, as exhausted or defective batteries are the most common cause of problems encountered.

If service is still required:

1. Remove the batteries (if applicable) and pack the unit in a well padded, heavy corrugated box.
2. Enclose a photocopy of your sales receipt, credit card statement, or other proof of the date of purchase, if within the warranty period.
3. Enclose a check or money order payable to the order of SDI Technologies, for the sum of \$7.00 (\$15.00 without proof of purchase).
4. Send the unit prepaid and insured, to the Factory Service Center listed below.

Consumer Repair Department
SDI Technologies Inc.
1330 Goodyear Dr.
El Paso, TX 79936-6420

Disclaimer of Warranty

NOTE: This warranty is valid only if the product is used for the purpose for which it was designed. It does not cover (i) products which have been damaged by negligence or willful actions, misuse or accident, or which have been modified or repaired by unauthorized persons; (ii) cracked or broken cabinets, or units damaged by excessive heat; (iii) damage to digital media players, CD's or tape cassettes (if applicable); (iv) the cost of shipping this product to the Factory Service Center and its return to the owner.

This warranty is valid only in the United States of America and does not extend to owners of the product other than to the original purchaser. In no event will SDI Technologies or any of its affiliates, contractors, resellers, their officers, directors, shareholders, members or agents be liable to you or any third party for any consequential or incidental damages, any lost profits, actual, exemplary or punitive damages. (Some states do not allow limitations on implied warranties or exclusion of consequential damages, so these restrictions may not apply to you.) This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Your acknowledgment and agreement to fully and completely abide by the above mentioned disclaimer of warranty is contractually binding to you upon your transfer of currency (money order, cashier's check, or credit card) for purchase of your SDI Technologies product.

Questions? Visit www.realtoneaudio.com

Toll Free Customer Service: 1-800-288-2792