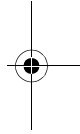
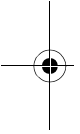


Cat. No. 12-1615  
**OWNER'S MANUAL**

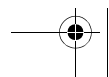
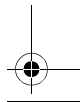
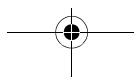
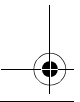
Please read before using this equipment.

# CR-315

## AM/FM Clock Radio with 1.8-Inch Display



**OPTIMUS®**



## FEATURES

Your Optimus CR-315 AM/FM Clock Radio is easy to use and has these special features:

**Large Digital Display** — makes the clock easy to read.

**3-Inch Speaker** — provides superb radio sound.

**Snooze** — lets you temporarily turn off the alarm or radio for about 9 minutes.



**Push Button Controls** — make the clock radio easy to use.

**Sleep Timer** — lets you program the radio to play for up to 2 hours before it automatically turns off.

**Battery Backup with Battery Sentinel<sup>®</sup>** — maintains the clock and alarm operation during a power failure and lets you know when to replace the battery.

**HI/LO Dimmer** — lets you adjust the display brightness to your preference.

**WARNING:** To reduce the risk of fire or shock hazard, do not expose this product to rain or moisture.

	<b>CAUTION</b> RISK OF ELECTRIC SHOCK. DO NOT OPEN.	
<b>CAUTION:</b> TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER OR BACK. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.		



This symbol is intended to alert you to the presence of uninsulated dangerous voltage within the product's enclosure that might be of sufficient magnitude to constitute a risk of electric shock. Do not open the product's case.



This symbol is intended to inform you that important operating and maintenance instructions are included in the literature accompanying this product.

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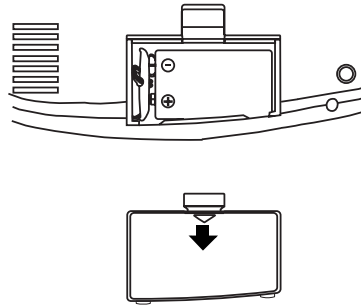
## PREPARATION

### CONNECTING POWER

To operate the clock, plug the power cord into a standard AC outlet. The display flashes **12:00** until you set the time (see "Setting the Time" on Page 4).

**Caution:** The clock radio's AC power cord is equipped with a polarized plug to prevent electric shock. One blade on the cord's plug is wider than the other and the plug only fits an outlet one way. If you can not easily insert the plug, turn it over and try again. Do not force it.

Follow these steps to install the back-up battery once you have connected the clock to AC power.



### INSTALLING A BACK-UP BATTERY

If AC power fails, the clock radio has a Battery Sentinel back-up power system that continues to operate the clock for up to 8 hours with the display turned off to conserve power. This lets the alarm sound for at least 10 minutes at the set time, even if AC power fails.

The BATTERY SENTINEL indicator lights if there is either no battery installed or the installed battery requires replacement.

Your clock radio requires a 9-volt battery (not supplied) for its back-up power system. For the best performance and longest life, we recommend a RadioShack alkaline battery.

**Caution:** Use only a fresh battery of the required size and recommended type.

1. Press the battery compartment cover's tab in the direction of the arrow, then lift off the cover to remove it.
2. Snap the battery into the connector in the battery compartment and place the battery in the compartment. The BATTERY SENTINEL indicator turns off.
3. Replace the cover.

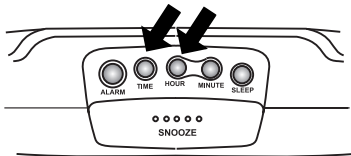
**Caution:** Always remove an old or weak battery. Batteries can leak chemicals that can destroy electronic parts.

**Warning:** Dispose of old batteries promptly and properly. Do not bury or burn them.

## OPERATION

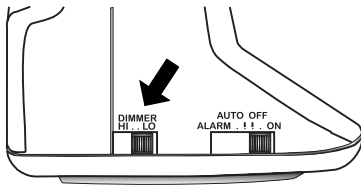
### SETTING THE TIME

To set the hour, hold down **TIME** and repeatedly press (or hold) **HOUR** until the desired hour appears. **PM** lights to indicate a PM hour.



To set minutes, hold down **TIME** and repeatedly press (or hold) **MINUTE** until the desired minutes appear.

### ADJUSTING THE DISPLAY BRIGHTNESS



Set **DIMMER HI/LO** to **HI** or **LO** to adjust the display's brightness as desired.

### PLAYING THE RADIO

1. Rotate **VOLUME** to the left to turn down the volume.
2. To turn on the radio, slide **ALARM/AUTO/OFF/ON** to **ON**.
3. Slide **BAND** to **FM** or **AM** then rotate **VOLUME** to a comfortable listening level.

4. Rotate **TUNING**. A pointer indicates the station's frequency on the dial below the clock.

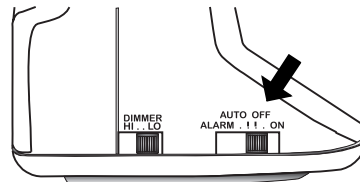
**Note:** The AM antenna is built-in. Rotate the clock radio for the best AM reception. The AC power cord also serves as the FM antenna. For the best FM reception, fully extend the AC power cord.

5. To turn off the radio, slide **ALARM/AUTO/OFF/ON** to **OFF**.

### USING THE SLEEP TIMER

You can set the radio to play for up to 2 hours and then automatically turn off. Follow these steps to set the play time.

1. Slide **ALARM/AUTO/OFF/ON** to the desired alarm sound (**AUTO** for the radio, or **ALARM** for the buzzer).



2. To play the radio for 1 hour, press **SLEEP**. The radio turns on, plays 1 hour then automatically turns off.

To set the play time between 1 and 2 hours, press **SLEEP**. The radio turns on and 0:59 appears. Then hold down **SLEEP** and press **HOUR**. The time changes to 1:59.

To decrease the play time, hold down **SLEEP** and repeatedly press **MINUTE** until you reach the desired play time.

3. To turn off the radio before it automatically turns off, press **SNOOZE**.

**Note:** If you press **SLEEP** again, the sleep time is reset to 0:59.

## SETTING THE ALARM TIME

1. Slide **ALARM/AUTO/OFF/ON** to **OFF**.
2. Hold down **ALARM** and repeatedly press (or hold down) **HOUR** until you reach the desired alarm hour. **PM** lights to indicate a PM hour.
3. Hold down **ALARM** and repeatedly press (or hold down) **MINUTE** until you reach the desired alarm minute.
4. Rotate **VOLUME** to set the desired alarm sound level.

To confirm the alarm time, press **ALARM**.

## USING THE ALARM

To set the alarm, slide **ALARM/AUTO/OFF/ON** to **ALARM**. At the preset time, the alarm sounds for up to 1 hour, 59 minutes then automatically turns off.

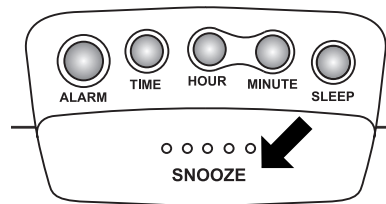
To turn off the alarm at any time, slide **ALARM/AUTO/OFF/ON** to **OFF**. Slide it back to **ALARM** or **AUTO** (for radio) to re-set the alarm.

## USING THE RADIO ALARM

1. Slide **ALARM/AUTO/OFF/ON** to **AUTO**. At the preset alarm time, the radio turns on for up to 1 hour, 59 minutes.
2. To turn off the radio at any time, slide **ALARM/AUTO/OFF/ON** to **OFF**.
3. To reset the alarm, slide **ALARM/AUTO/OFF/ON** to **ON** or **AUTO** (for the radio).

## USING SNOOZE

To temporarily turn off the alarm, press **SNOOZE**. The alarm or radio sounds or turns on again in about 9 minutes. Each time you press **SNOOZE**, the alarm or radio turns off for another 9 minutes. The alarm or radio continues to sound every 9 minutes until you slide **ALARM/AUTO/OFF/ON** to **OFF**.



## CARE

To enjoy your AM/FM Clock Radio for a long time:

- Keep the clock radio dry. If it gets wet, wipe it dry immediately.
- Use and store the clock radio only in normal temperature environments.
- Handle the clock radio gently and carefully. Don't drop it.
- Keep the clock radio away from dust and dirt.
- Wipe the clock radio with a damp cloth occasionally to keep it looking new.

Modifying or tampering with the clock radio's internal components can cause a malfunction and invalidate its warranty. If your clock radio is not performing as it should, take it to your local RadioShack store for assistance.

## THE FCC WANTS YOU TO KNOW

Your clock radio might cause TV or radio interference even when it is operating properly. To determine whether your clock radio is causing the interference, turn off your clock radio. If the interference goes away, your clock radio is causing the interference. Try to eliminate the interference by:

- moving your clock radio away from the TV or radio
- connecting your clock radio to an outlet that is on a different electrical circuit from the TV or radio
- contacting your local RadioShack store for help



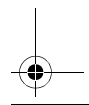
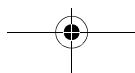
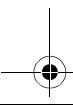
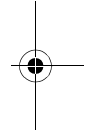
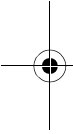
## **SPECIFICATIONS**

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Bands .....	AM 530–1710 kHz FM 88–108 MHz
Power Output (maximum).....	500 mW
Speaker .....	3 Inches (7.6 cm), Ferrite, Dynamic Type, 8 ohms
Power Requirements .....	120V AC, 60 Hz, 6 Watts
Backup Battery .....	DC 9V
Dimensions (HWD) .....	4 <sup>7</sup> / <sub>8</sub> × 8 <sup>15</sup> / <sub>16</sub> × 4 Inches (123 × 227 × 103 mm)
Weight .....	1 lb., 11 oz. (754 g)

Specifications are typical; individual units might vary. Specifications and designs are subject to change and improvement without notice.





### Limited Ninety-Day Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow the limitations on how long an implied warranty lasts or the exclusion of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

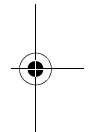
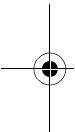
This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

RadioShack Customer Relations, 200 Taylor Street, 6th Floor, Fort Worth, TX 76102

*We Service What We Sell*

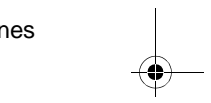
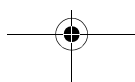
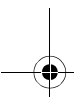
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**A Division of Tandy Corporation**  
**Fort Worth, Texas 76102**

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