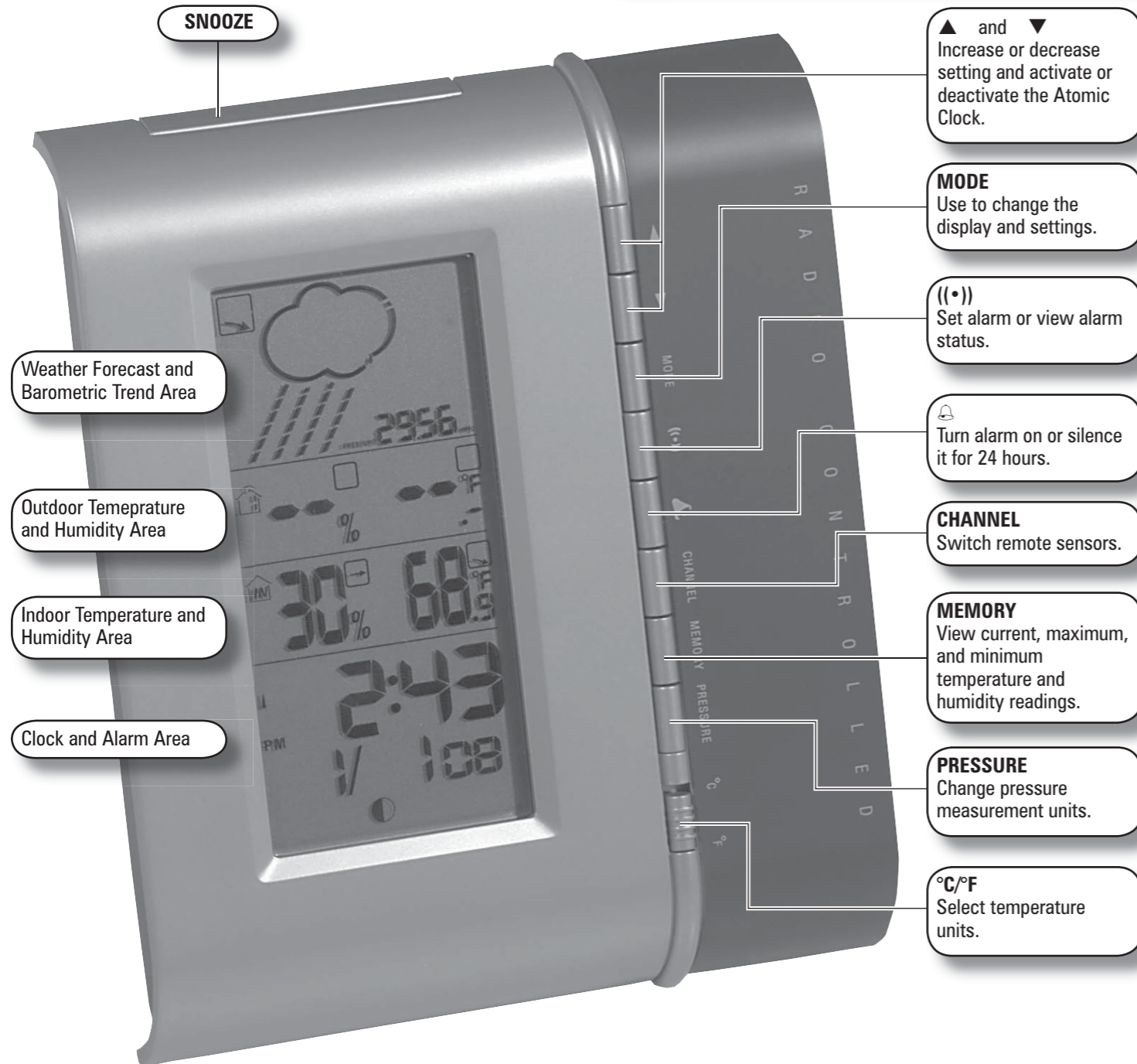




## large display wireless indoor/outdoor thermometer

Thank you for purchasing your Large Display Wireless Indoor/Outdoor Thermometer from RadioShack. You can mount it on a wall or place it on a flat surface using the included stand. Your thermometer can collect and display indoor and outdoor temperature and humidity readings from up to three sensors, and forecast weather.



### what's included

main unit and stand  
user's guide

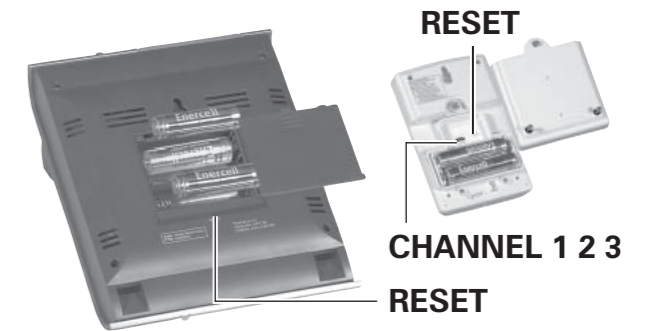
remote sensor  
wire stand

### installing batteries

The main unit requires three AA alkaline batteries and the remote sensor requires two AAA alkaline batteries for power. None are supplied; all are available at RadioShack or online at [www.radioshack.com](http://www.radioshack.com).

**NOTE** For best results, always install batteries in the remote sensor first, and then in the main unit.

1. Remove the battery compartment covers from the main unit and remote sensor, respectively. If you are using more than one sensor, select a different channel for each sensor by switching **CHANNEL 1 2 3**.
2. Place the appropriate batteries in each compartment, following the polarity symbols (+ and -) marked inside.
3. Reset each unit and replace the battery compartment covers.



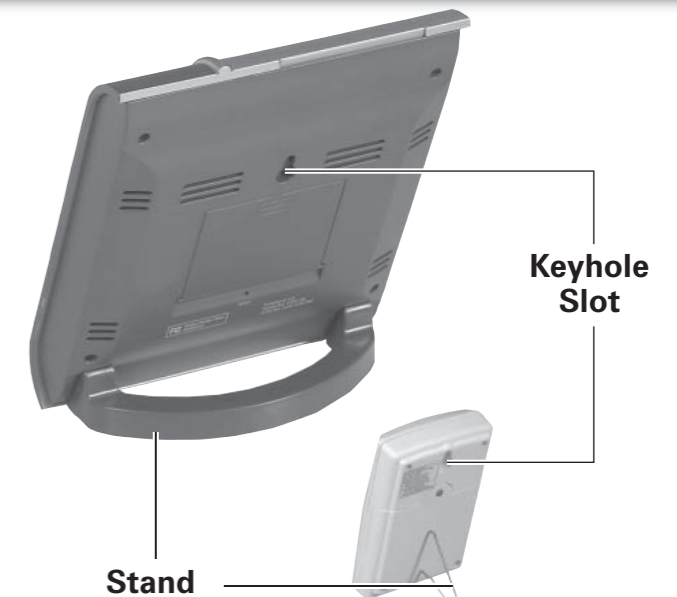
### choosing a location for your thermometer system

#### on flat surfaces

Place the main unit indoors and the remote sensor outdoors. Place them on flat surfaces using their respective stands (included).

#### wall mounting

1. Select an indoor wall for your main unit and an outdoor wall for your remote sensor.
2. Remove the stands from the main unit and remote sensor, respectively.
2. Drill a hole in the wall.
3. Thread a screw (not supplied) into the hole, letting it extend about 3/16" from the wall.
4. Fit the head of the screw into the appropriate keyhole slot.



### setting your clock

This clock shows the current time and the day of week in English, French, German, Italian, or Spanish. The US Atomic Clock in Boulder, Colorado, automatically updates the information when the main unit is within 932 miles of a signal. Initial reception takes 2—10 minutes. It is initiated when you first set up the unit and whenever you press **RESET**. Once complete, the reception icon will stop blinking.

1. Press and hold **MODE** for 2 seconds. The time zone blinks.
2. Press **MODE** to select the time zone, hour, minute, year, month, day, and language. Press ▲ or ▼ to set your desired setting. Press **MODE** to confirm.

**NOTE**

- The language options are E (English), F (French), D (German), I (Italian), and S (Spanish).
- The time zone options are PA (Pacific), CE (Central), MO (Mountain), and EA (Eastern).
- Press **MODE** to toggle between Clock with Seconds and Clock with Weekday display.

### using your alarm

#### setting your alarm

This product is equipped with a 2-minute crescendo alarm.

1. Press ((•)) to switch to the alarm display.
2. Press and hold ((•)) again for 2 seconds. The alarm hour digits blink.
3. Press **UP** or **DOWN** to change settings. Press ((•)) to confirm.

#### activating your alarm

Press to activate or deactivate the alarm. shows in the clock and alarm area when the alarm is activated.

#### silencing your alarm

When the alarm sounds, it will continue for 2 minutes. Press **SNOOZE** to silence it for 8 minutes. Or, press to turn it off until the next day.

If no button is pressed, the alarm will automatically silence after 2 minutes. It will then sound again after 8 minutes.

## setting up your thermometer system

Your main unit displays current, minimum, and maximum temperature and humidity readings collected by the remote sensor and main unit. Outdoor data is collected and displayed every 40 seconds and indoor data is collected and displayed every 10 seconds.

**NOTE** The red LED flashes whenever the sensor transmits an RF signal to the receiver.

### select sensor or use auto scan

- Press **CHANNEL** to switch between sensors 1—3.
- To auto-scan between sensors, press and hold **CHANNEL** for 2 seconds. Each sensor's data will be displayed for 3 seconds. To end auto-scan, press **CHANNEL** or **MEMORY**.
- Press and hold **CHANNEL** and **MEMORY** simultaneously to search for remote sensors.

### resetting the system

The **RESET** buttons are located on the back of the main unit and sensor. Use a pointed subject to press **RESET** when you change the batteries and whenever the system malfunctions.

**NOTE** When you press **RESET**, all settings will return to default value, and you will lose all stored information.

## battery notes

- Replace batteries when the battery icon appears or the display dims.
- Dispose of old batteries promptly and properly.
- Do not burn or bury batteries.
- Use only fresh batteries of the required size and recommended type.
- Do not mix batteries of different sizes or chemistries.
- If you do not plan to use your product for a week or more, remove the batteries. Batteries can leak chemicals that can damage electronic parts.

## limited one-year warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for one (1) year from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. For complete warranty details and exclusions, check with your local RadioShack store.

RadioShack Customer Relations  
300 RadioShack Circle, Fort Worth, TX 76102

04/04



## using your thermometer system

### using the barometer

Your Weather Forecaster tracks barometric pressure changes over the past 24 hours to provide the weather forecast and a trend line showing the direction of barometric change.

Rising	Steady	Falling

### setting unit and altitude

Set the unit of measurement (**mb/hPa** or **inHg**) and altitude to take more accurate barometric measurements.

1. Press **PRESSURE** to select the unit of measurement: **mb** or **inHg**.
2. Press and hold **PRESSURE** for 2 seconds.
3. Press **▲** or **▼** to select the altitude (-328 feet to 8203 feet in increments of approximately 33). Press **PRESSURE** to confirm.

### view moon phase

The Calendar must be set for this feature to work. See "Setting The Clock."

Press **▲** or **▼** to view the moon phase for the next or previous day. Press and hold **▲** or **▼** to scan quickly through the years (2001 to 2099).

### forecasting the weather

This product forecasts the next 12 to 24 hours of weather within a 30 to 50 km (19—31 mile) radius with 70 to 75 percent accuracy.

Clear	Partly Cloudy	Cloudy	Rainy

### using the memory function

- Press **MEMORY** to toggle between current, maximum (MAX) and minimum (MIN) temperatures.
- To clear the records, press and hold **MEMORY** for 2 seconds. A beep will sound to confirm that the memory has been cleared.

## hints and tips

- Wireless ranges can be impacted by a variety of factors, such as extremely cold temperatures. Extreme cold may temporarily reduce the effective range between the sensor and the base station.
- The signal icon indicates that the Atomic Clock feature is **ON**. No icon means that it is **OFF**.
- If the unit's performance fails due to low temperature, the unit will resume proper functioning as the temperature rises to within the normal temperature range.
- Insert batteries and select the channel before mounting the sensor.
- LLL or HHH appears when the temperature is out of range.
- If the temperature on your sensor does not match the one on your main unit, press and hold **MEMORY** and **CHANNEL** to retrieve the signal again. Place the sensor out of direct sunlight and moisture.
- Do not place the sensor more than 100 feet (30.5 meters) from the main unit.
- Position the sensor facing the main unit, minimizing obstructions such as doors, walls, and furniture.
- Place the sensor away from metallic or electronic objects.
- Position the sensor close to the main unit during cold winter months, as below-freezing temperatures may affect battery performance and signal transmission.
- If you still do not receive a signal, check the batteries, obstructions, and remote unit location.
- Signals from household devices, such as doorbells, electronic garage doors, and home security systems, may cause temporary reception failure. This is normal and does not affect general product performance. The reception will resume once the interference ends.
- The display in outdoor thermometers remains operational to -4°F with adequate power. If the unit's performance fails due to low temperature, the unit will resume proper functioning as the temperature rises to within the normal temperature range.

## caring for your thermometer system

- Keep the main unit and remote sensor dry. If they get wet, wipe them dry immediately.
- Use and store the main unit and remote sensor only in room temperature environments.
- Handle the main unit and remote sensor carefully. Do not drop them.
- Keep the main unit and remote sensor away from dust and dirt, and wipe them with a damp cloth occasionally to keep them looking new.
- Never immerse the product in water. This can cause electrical shock and damage the product.
- Do not subject the main unit to extreme force, shock, or fluctuations in temperature or humidity.
- Do not tamper with the internal components.

## specifications

Indoor Temperature Range .....23°F—122°F (-5°C—50°C)  
Outdoor Temperature Range ..... -4°F—140°F (-20°C—60°C)  
Temperature Resolution .....0.2°F (0.1°C)  
Humidity Range .....25%—95%  
Humidity Resolution .....1%  
Pressure Range.....20.67—30.01inHg (700—1050mb)  
Pressure Resolution .....0.03inHg (1 mb)  
Altitude Range .....-328—8203 feet

**NOTE:** Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice. Individual units may vary. Actual product may vary from the images found here.

## the FCC wants you to know

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 your local RadioShack store or an experienced radio/TV technician for help.

If you cannot eliminate the interference, the FCC requires that you stop using your equipment. Changes or modifications not expressly approved by RadioShack may cause interference and void the user's authority to operate the equipment.

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.

Product	large display wireless indoor/outdoor thermometer
Model	63-1090
Responsible Party	RadioShack 300 RadioShack Circle Fort Worth, TX 76102
Phone	817-415-3200



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