

***RCA***

***Wireless Indoor/Outdoor Temperature Remote Sensor***

***User Manual***

***WETR1000***

**Transmits signal up to 100 feet (Open Area)**

**Limited One Year Warranty**

**Safety Warnings**

This product is designed to provide years of service if handled properly. Follow these precautions for safe usage:

1. This remote sensor has been designed for residential use and should not be used for industrial purposes. The units should be installed and used in accordance with the instructions contained in this manual.
2. Read through these instructions before installation. Follow the instructions carefully and carry them out in the correct order. Keep the manual on hand for future reference.
3. Never immerse either the home receiver or the remote sensor in water. This can seriously damage the product.
4. Do not tamper with internal components on the unit.
5. Do not mix old and new batteries.
6. Do not use rechargeable batteries in this product.
7. Remove the batteries if storing these units for a long period of time.
8. Do not make changes or modify these units in any way. Unauthorized changes may void your warranty.

Thomson, Inc. declines all liability for any use that does not comply with the instructions in this User's Manual.

Keep your sales receipt to obtain warranty parts and service and for proof of purchase. Attach it here and record the serial and model numbers. These numbers are listed on the product.

Model No. \_\_\_\_\_

Purchase Date: \_\_\_\_\_

Dealer/Address/Phone: \_\_\_\_\_

\_\_\_\_\_

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## **FCC Statement**

**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.*
- Adjust the separation between the equipment and receiver.*

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## **INTRODUCTION**

Congratulations on your purchase of this Remote Sensor. This unit provides updated information on outdoor temperature, and operates within a 100-foot radius (Open Area) of the home receiver. Up to three remote sensors (sold separately) can be utilized to monitor temperatures in various areas of your home (e.g., outdoors, a child's bedroom, a wine cellar, etc.). It's easy to connect and install the unit, following the simple instructions contained in this User's Manual.

In this box, you will find:

- Remote Sensor
- User's Manual

Keep this User's Manual handy as you install and use your new product. It contains step-by-step instructions, technical specifications, warranty information and safety warnings.

## **FEATURES**

Outdoor Temperatures

Operating Distance up to 100 feet (30m)

## **GETTING STARTED**

### **Battery Installation and Information**

Batteries are not supplied with this product. You will need two AAA batteries for the remote sensor. **INSERT BATTERIES IN THE HOME RECEIVER FIRST, BEFORE PUTTING BATTERIES IN THE REMOTE SENSOR.**

**Note:** Do not use rechargeable batteries with this product.

### **Installing Batteries in the Remote Sensor**

1. Lift off the bracket stand on the remote sensor and loosen the four screws with a small screwdriver.
2. Insert two AAA batteries (sold separately), carefully following the marking inside to ensure the batteries are inserted properly, with the + and – ends in the correct positions.
3. Replace the battery compartment cover and tighten screws.

### **Battery Disposal**

Replace batteries with the same type of battery recommended by the manufacturer. When disposing of old batteries, respect the law and the environment. Dispose of batteries in an environmentally friendly manner.

### **Setting Up the Remote Sensor**

The WETR1000 is shipped with one remote sensor. Up to three remote sensors can be used with the home receiver to obtain temperature readings from three different areas of your home (Additional remote sensors sold separately).

#### **To set up the remote sensor, follow these steps:**

1. Once batteries are installed in both units, press the **Tx** button underneath the cover on the back of the remote sensor to trigger transmission. The outdoor temperature appears on the home receiver.
2. Set the first remote sensor to CH 1 using the **CH** switch. If you use additional remote sensors, set them to Channels 2 and 3, respectively. (Up to three remote sensors can be utilized with this home receiver.)
3. To verify transmission, press the **Tx** button again on the remote sensor. The red LED light on the remote sensor flashes when it transmits a signal. The temperature reading from the remote sensor is updated and displayed on the home receiver and the remote sensor.

#### **To replace batteries in the remote sensor, follow these steps:**

1. When replacing batteries, it is necessary to clear the corresponding channel of the home receiver. To do this, press the **CH** button on the front of the home receiver to access the channel you wish to clear.
2. Hold the **CH** button down for three seconds to clear the registration for that channel. This clears the channel corresponding to the remote sensor that needs a battery replacement.

**NOTE:** Removing the batteries on the home receiver clears all settings and registrations on all remote sensors.

### **Positioning the Remote Sensor**

Position the remote sensors for maximum results by following these steps:

1. Place the sensor out of direct sunlight and out of the line of direct moisture.
2. Place the sensor within 100 feet of the home receiver.
3. Position the remote sensor to face the main receiver, minimizing obstructions such as doors, furniture and walls.
4. The remote sensor should not be placed near metallic or electronic objects.
5. Position the remote sensor close to the home receiver during colder months as below-freezing temperatures may affect battery performance and signal transmission.
6. Experiment with various locations to get the desired results.
7. Secure the remote sensor in the chosen location, using the wall mount or the table stand.

## **DATA TRANSMISSION**

Data is sent from the sensor(s) to the home receiver every 31 seconds, if there is a change in temperature. If there is no change in temperature, the remote sensor updates the transmission to the home receiver every 2.5 minutes. The LED indicator light, located on the front of the remote sensor, flashes when the transmission is occurring to ensure that the remote sensor is functional, even though the information on the LCD display may remain the same. Information from that transmission is displayed on the outdoor temperature area of the home receiver screen.

**Note:** Signals from household electronic devices such as doorbells, electronic garage doors and home security systems may cause temporary reception failure. This is normal and does not affect the general performance of the WETR1000 Remote Sensor. Reception resumes once the interference stops.

## **Selecting Fahrenheit or Celsius Readings**

The default reading on the remote sensor is Fahrenheit.

To select Celsius reading on the remote sensor, follow these steps:

1. Take the back cover off the remote sensor.
2. Press the button that says C/F. Pressing this button toggles back and forth between the Fahrenheit and Celsius temperature reading method.

## **SPECIFICATIONS**

Range of Temperature Measurement

Remote sensor	-20 C to +60 C (-4 F to +140 F)
Channel	Max. three remote sensors
Transmission	100 feet (30M) open area, RF434 MHz
Resolution	0.1 degree for temperature
Batteries	2 AAA batteries for remote sensor

## **WARRANTY**

### **Limited One Year Warranty**

Our company (in the U.S., THOMSON INC. / In Canada, Thomson multimedia Ltd.) warrants that for one year from date of purchase, it will replace this product if found to be defective in materials or workmanship. For a prompt, no charge replacement of equivalent product, return the defective product postage prepaid to the appropriate address.

In the US:

Product Exchange Center  
11721 Alameda Avenue  
Socorro TX 79927

In Canada:

Thomson multimedia Ltd.  
6200 Edwards Boulevard  
Mississauga, Ontario Canada L5T 2V7

This replacement is the company's sole obligation under this warranty. THOMSON INC. / Thomson multimedia Ltd. will not be responsible for any incidental or consequential damages or for any loss arising in connection with the use or inability to use this product. Some states/provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty excludes defects or damage due to misuse, abuse, or neglect. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state/province to province.