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**Remote Thermometer Sensor
Model: THN122N
USER MANUAL**

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INTRODUCTION

Thank you for selecting the Oregon Scientific™ Remote Thermometer Sensor (THN122N). This product is compatible with various wireless weather station products, such as the RAR621 and BAR623P.

Keep this manual handy as you use your new product. It contains practical step-by-step instructions, as well as technical specifications and warnings you should know.

PRODUCT OVERVIEW

REMOTE SENSOR (THN122N)



1. LED status indicator



1. Wall mount hole
2. **RESET** hole
3. **CHANNEL** number (1-3)
4. Battery compartment
(Battery compartment cover not shown)



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GETTING STARTED

BATTERIES

Remote unit 2 x UM-4 (AAA) 1.5V batteries

Insert batteries before first use, matching the polarity (+ and -) as shown in the battery compartment. For best results, install batteries in the remote sensor before the main unit. Press **RESET** after each battery change.

NOTE Do not use rechargeable batteries.

NOTE It is recommended that you use alkaline batteries with this product for longer performance.

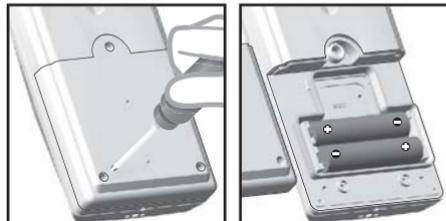
REMOTE SENSOR (THN122N)

SETUP SENSOR

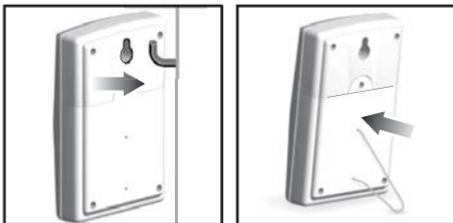
1. Open the remote sensor battery compartment with a small Phillips screwdriver.
2. Insert the batteries, matching the polarity (+ and -) as shown in the battery compartment.
3. Set the channel switch to any channel. The switch is located in the battery compartment.

4. Place the sensor near the main unit. Press **RESET** on the sensor. Then, press the appropriate main unit button (as specified in the main unit manual) to initiate signal sending between the sensor and the main unit. The reception icon on the main unit will blink for approximately 3 minutes while it is searching for the sensor.
5. Close the remote sensor battery compartment.
6. Secure the sensor in the desired location using the wall mount or table stand.

Installing the batteries:



Using the stand or wall mount:



For best results:

- Insert the batteries and select the channel before you mount the sensor.
- Place the sensor out of direct sunlight and moisture.
- Do not place the sensor more than 30 metres (98 feet) from the main (indoor) unit.
- Position the sensor so that it faces the main (indoor) unit, minimizing obstructions such as doors, walls, and furniture.
- Place the sensor in a location with a clear view to the sky, 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.

You may need to experiment with various locations to get the best results.

SAFETY AND CARE

Clean the product with a slightly damp cloth and alcohol-free, mild detergent. Avoid dropping the product or placing it in a high-traffic location.

WARNINGS

This product is designed to give you years of service if handled properly. Oregon Scientific will not be responsible for any deviations in the usage of the device from those specified in the user instructions or any unapproved alterations or repairs of the product. Observe the following guidelines:

- Never immerse the product in water. This can cause electrical shock and damage the product.
- Do not subject the product to extreme force, shock, or fluctuations in temperature or humidity.



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- Do not tamper with the internal components.
- Do not mix new and old batteries or batteries of different types.
- Do not use rechargeable batteries with this product.
- Remove the batteries if storing this product for a long period of time.
- Do not scratch the LCD display.

NOTE The technical specification of this product and contents of this user guide are subject to change without notice. Images not drawn to scale.

TROUBLESHOOTING

PROBLEM	SYMPTOM	REMEDY
Remote sensor	Cannot locate remote sensor	Check batteries Check location
	Data does not match main unit	Initiate a manual sensor search

SPECIFICATIONS

REMOTE SENSOR DIMENSIONS

L x W x H	92 x 60 x 20 mm (3.6 x 2.4 x 0.79 inches)
Weight	63 grams (2.22 ounces) without battery

REMOTE SENSOR (THN122N)

RF frequency	433 MHz
Range	30 metres (98 feet) with no obstructions
Transmission	Every 40 seconds
Channel No.	1-3

POWER

Sensor batteries	2 x UM-4 (AAA) 1.5V
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NOTE It is recommended that you use alkaline batteries with this product for longer performance.

ABOUT OREGON SCIENTIFIC

Visit our website (www.oregonscientific.com) to learn more about Oregon Scientific products such as digital cameras; MP3 players; children's electronic learning products and games; projection clocks; health and fitness gear; weather stations; and digital and conference phones. The website also includes contact information for our customer care department in case you need to reach us, as well as frequently asked questions and customer downloads.

We hope you will find all the information you need on our website, however if you'd like to contact the Oregon Scientific Customer Care department directly, please visit:

www2.oregonscientific.com/service/support

OR

Call 949-608-2848 in the US.

For international enquiries, please visit:

www2.oregonscientific.com/about/international/default.asp

EC-DECLARATION OF CONFORMITY

Hereby, **Oregon Scientific**, declares that this Remote Thermometer Sensor is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

A copy of the signed and dated Declaration of Conformity is available on request via our Oregon Scientific Customer Service.



COUNTRIES RTTE APPROVAL COMPLIED

All EC counties, Switzerland 
and Norway 



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