

INTRODUCTION

Thank you for selecting the Oregon Scientific™ Remote Sensor (THN122N). This product is compatible with the RAR621 and BAR623P clocks.

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.

Remote Sensor
Model: THN122N
USER MANUAL

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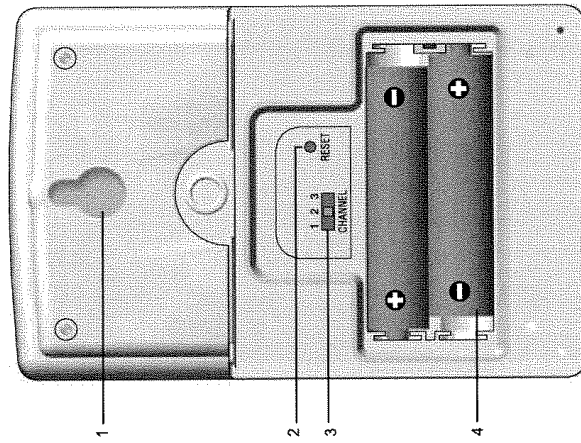
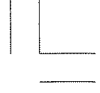
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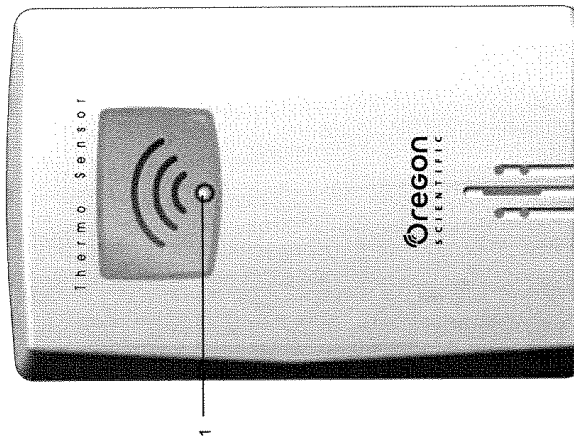
- 1. Wall mount hole
- 2. RESET hole
- 3. CHANNEL number (1-3)
- 4. Battery compartment
(Battery compartment cover not shown)



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PRODUCT OVERVIEW

REMOTE SENSOR (IN P/N)



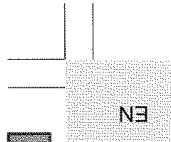
- 1. LED status indicator

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UNIT	LOCATION
Main	Indoor Temperature Area
Remote	Outdoor Temperature Area

REMOTE SENSOR (TH122N)

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.



GETTING STARTED

BATTERIES

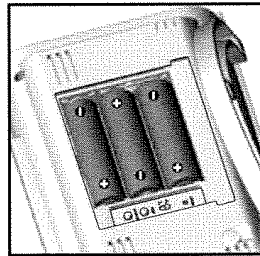
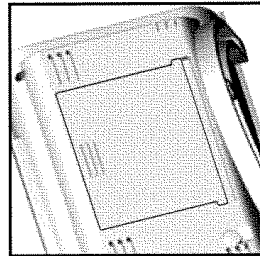
Remote unit 2 x UM-4 (AAA) 1.5V batteries

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.

Installing the batteries:



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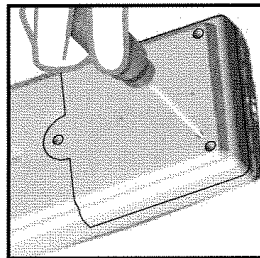
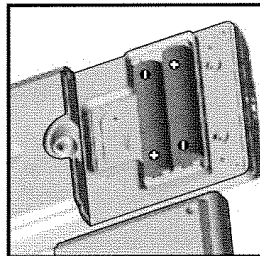
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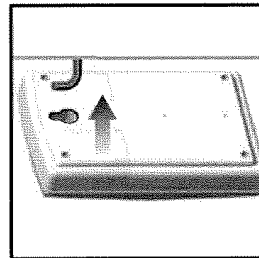
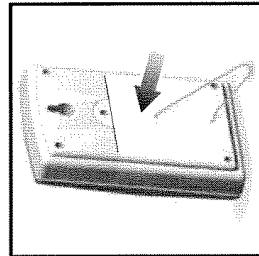
For best results:

- 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.



Installing the batteries:



Using the stand or wall mount:

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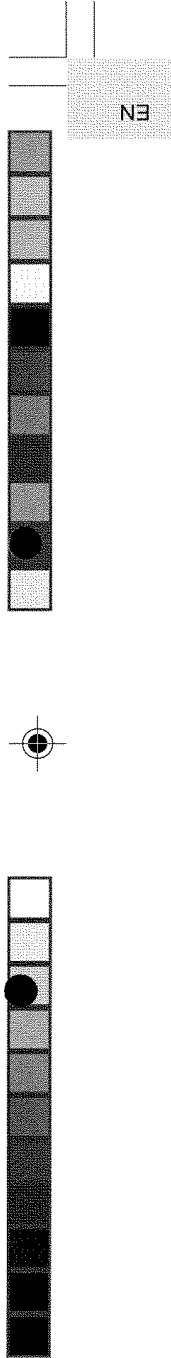
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SAFETY AND CARE

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:

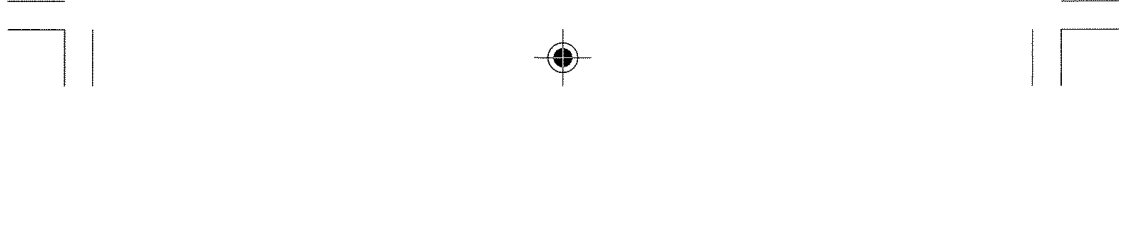
- Never immerse the product in water. This can cause electrical shock and damage the product.
- Do not subject the the product to extreme force, shock, or fluctuations in temperature or humidity.
- Do not tamper with the internal components.
- Do not mix new and old batteries or batteries of different 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.

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





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



POWER

Sensor batteries 2 x UM-4 (AAA) 1.5V

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

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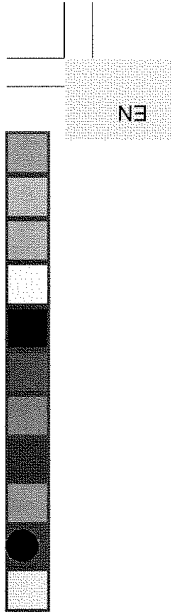
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Prüfbericht - Nr.:
Test Report No.

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EC-DECLARATION OF CONFORMITY

Hereby, **Oregon Scientific**, declares that this Remote 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.



CE
COUNTRIES RTE APPROVAL COMPLIED
All EC countries, Switzerland and Norway

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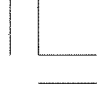
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Remote Sensor
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User Manual

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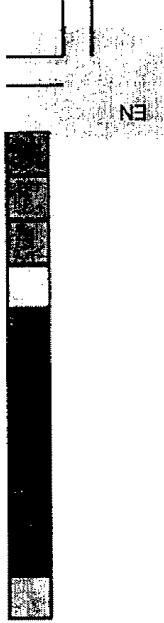
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DECLARATION OF CONFORMITY

The information below is not to be used as contact for support or sales. Please call our customer service number (listed on our website at www.oregonscientific.com) or on the warranty card for this product) for all inquiries instead.

We

Name: Oregon Scientific, Inc.
Address: 19861 SW 95th Place, Tualatin,
Oregon 97062 USA
Telephone No.: 1-800-853-8883
Fax No.: 1-503-684-8883

declare that the product is in conformity with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1) This device may not cause harmful interference.
- 2) This device must accept any interference received, including interference that may cause undesired operation.



FCC STATEMENT

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 of an experienced radio/TV technician for help.

Changes or modifications not expressly approved by

the party responsible for compliance could void

the user's authority to operate the equipment