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S+ARCK

WITH

OREGON SCIENTIFIC

Wireless Outdoor Temperature and Humidity Sensor
(Model #: PS-R01)

User Manual

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ABOUT OREGON SCIENTIFIC

Visit our website (www.oregonscientific.com) to learn more about other Oregon Scientific™ products such as digital cameras, projection clocks, health and fitness gear, and weather stations. The website also includes contact information for our customer service department, in case you need to reach us.

ABOUT THIS GUIDE

Congratulations on your selection of the Philippe Starck with Oregon Scientific Wireless Outdoor Temperature and Humidity Sensor (PS-R01).

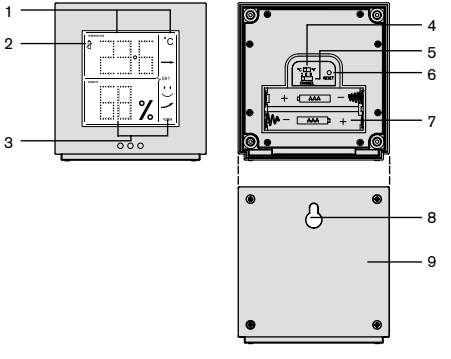
This sensor is compatible with a wide variety of weather monitoring tools, and can be used with any STARCK / Oregon Scientific Weather Stations.

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.

In this box, you will find:

- Remote unit
- Batteries

PRODUCT OVERVIEW



DESCRIPTIONS

1. Temperature / Trend display
2. Low battery icon
3. Humidity / Trend / Comfort Level display
4. °F/°C switch
5. Channel switch
6. Reset button
7. Battery compartment
8. Wall mount hole
9. Battery compartment lid

GETTING STARTED

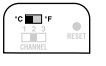
This product can be used with up to 2 remote units to transmit outdoor temperature and humidity data to a main (indoor) unit. The measurement unit (°F or °C) and channel number (1, 2, or 3) switches are located in the battery compartment, and should be set prior to installation.

NOTE Additional remote units sold separately.

SET UP

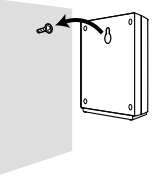
1. Place remote unit as close as possible to the main unit.
2. Remove the battery compartment lid. (You will need a small Phillips screwdriver.)
3. Assign a Channel Number. If you are using more than one remote unit, select a different channel number for each unit.

4. Set the measurement unit.
5. Insert the batteries. Match the polarity, as shown in the battery compartment.



6. Press **RESET** with the point of a blunt object (such as a ball point pen).

7. Replace the battery compartment lid. Secure.
8. Mount the remote unit on a flat surface using the recess hole on the back of the unit. For best results:
   - Place the unit out of direct sunlight and moisture.
   - Do not place the remote unit more than 60 - 90 feet (20 - 30 meters) from the main (indoor) unit.
   - Position the unit so that it faces the main (indoor) unit. Minimize obstructions such as doors, walls, and furniture.



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

9. Once the batteries are in place, the sensor will transmit signals approximately every 40 seconds. The readings shown on the main unit depend on which remote sensor (1, 2, or 3) is selected. Refer to the main unit User Manual for more information.

CHANGE CHANNEL

Repeat the Set Up procedure (→ pg.4). In Step 3, select a different Channel Number.

COMFORT ZONE

The outdoor comfort zones are shown under the following conditions.

Zone	Temperature	Relative Humidity
 Wet	Any	>70%
 Dry	Any	<40%
 Comfort	68 - 77 °F (20 - 25 °C)	40 - 70%

TRENDS

The trend arrow for the last 30 minutes always displays. Outdoor temperature and humidity trends are shown separately.

Trend	Temperature	Relative Humidity
	+0.9 °F	> +3%
	Steady	Steady
	-0.9 °F	< -3%

LOW BATTERY WARNING

Replace the batteries whenever the low battery signal ( ) shows on the remote unit, or on the remote unit area of the main unit.

NOTE Do not use rechargeable batteries. Properly dispose used batteries by taking them to an authorized disposal station.

RESET SYSTEM

The **RESET** button is located in the battery compartment. Press it with the point of a blunt object (such as a ball point pen) whenever you change the batteries, or whenever performance is not behaving as expected (e.g., unable to establish radio frequency link with main unit). Refer to the User Manual for the main unit for more information.

SAFETY AND CARE

Wash the unit with a slightly damp cloth and mild detergent. Avoid dropping the unit or placing it in direct sunlight or in damp or high-traffic locations.

WARNINGS

This product is designed to give you years of service if handled properly. Observe the following guidelines:

- Never immerse the unit in water. This can cause electrical shock and damage the unit.

- Do not subject the main unit 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.
- Do not make any changes or modifications to this product. Unauthorized changes may void your right to use the product.
- The contents of this user manual are subject to change without notice.
- Images not drawn to scale.

TROUBLESHOOTING

Check here before contacting our customer service department.

Problem	Symptom	Remedy
Temp	Main unit shows “LLL” or “HHH”	Temperature is out-of-range.
Remote unit	Cannot locate main unit	Check batteries (→ pg.4, 7)
		Check location (→ pg.5)

SPECIFICATIONS

Dimensions

L x W x H	3 x 1.4 x 3.1 in (75 x 35 x 78.3 mm)
Weight	0.3 lbs / 136 grams with battery

Temperature

Unit	°F or °C
Range	-4 °F to 140 °F (20 °C to 60 °C)
Resolution	0.2 °F (0.1 °C)

Relative humidity

Range	25% to 95%
Resolution	1%

Frequency

RF frequency	433 MHz
Range	30 meters (98 feet) with no obstructions
Transmission	approximately every 40 seconds

Channel No.	1, 2, or 3
Unit	°F or °C
Power	2 x UM-4 (AAA) 1.5V alkaline batteries

FCC NOTICE

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.

Warning : Changes or modifications not expressly approved by Oregon Scientific for compliance could void the warranty and your authority to use this equipment.

DECLARATION OF CONFORMITY

The following declaration is required for us to fully meet FCC requirements. 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 declare that the product is in conformity with Part 15 of the FCC Rules.

Name:	Oregon Scientific, Inc.
Address:	19861 SW 95th Place, Tualatin, Oregon 97062 USA
Product No.:	Remote Thermo Hygro PS-R01
Manufacturer:	IDT Technology Limited
Address:	Block C, 9/F, Kaiser Estate, Phase 1, 41 Man Yue St., Hung Hom, Kowloon, Hong Kong

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.

CAUTION

— The content of this manual is subject to change without further notice.

— Due to printing limitation, the displays shown in this manual may differ from the actual display.

— The contents of this manual may not be reproduced without the permission of the manufacturer.

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