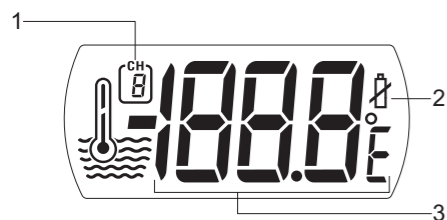




1. LED indicator



1. Tubular casing  
2. **RESET** button  
3. String hole

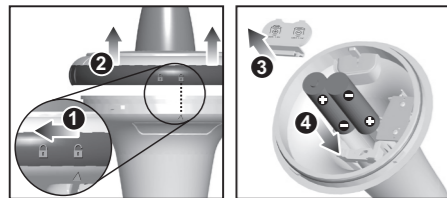


1. Channel indicator  
2. Low battery indicator  
3. Temperature display

This sensor is compatible with various weather station products that carry this logo

The battery compartment resides in the tubular casing, and the switches for selecting channels and temperature unit are located on the inside of the main lid.

1. Twist the main lid to (unlock position), then pull it apart from the tubular casing.
2. Remove the battery compartment lid and insert 2 x UM-3 / AA 1.5V batteries, matching the polarity. Replace the battery compartment lid.



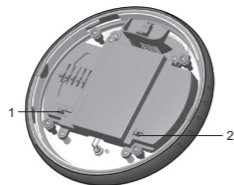
**NOTE** Standard Alkaline batteries contain a significant amount of water. Because of this they will freeze in low temperatures of approximately -12°C (10°F). Disposable Lithium batteries have a much lower threshold for

temperature with an estimated freezing range of below -40°C (-40°F).

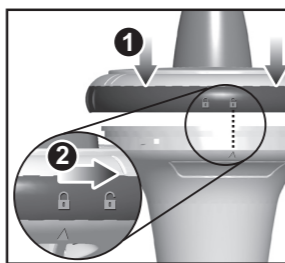
**IMPORTANT** Do not use rechargeable batteries.

**WARNING** While you may use Lithium batteries to power the sensor, and although the sensor can withstand low temperatures, it is not recommended to use it in temperatures below 0°C (32°F). Placing the sensor in frozen water may damage the unit.

3. The diagram below is the inside of the main lid. Select a channel from **Channel switch** (1). If using more than one remote unit, select a different channel number for each unit. Select the temperature unit from **°C / °F switch** (2).



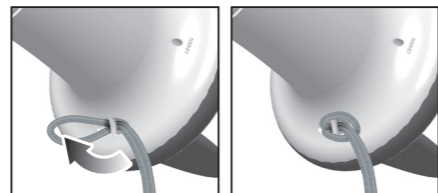
4. Place the main lid back on the tubular casing and twist it to (lock position).



5. Press **RESET**.



1. The sensor has a string to loop through the hole at the base of the tubular casing. This can allow you to hang the unit while you immerse it in water.



2. Place the sensor in the water and make sure that it is within the effective transmission range (328 feet / 100 metres) from the main unit.

**TIP** Press **RESET** whenever the sensor is not performing as expected (e.g. unable to establish radio frequency link with the main unit).

**TIP** Place the sensor as closely as possible to the main unit. Otherwise, minimise obstructions such as doors, walls and furniture between the main unit and sensor if the sensor cannot be placed close to the main unit. You may need to experiment with various locations to get the best results.

**NOTE** With adequate power, the Liquid Crystal Display in outdoor temperatures will remain operational up to -28°C (-20°F).

**NOTE** 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 main unit. 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. No permanent damage will occur to the unit due to low temperatures.

Replace the batteries whenever the low battery icon shows on the remote sensor, or on the remote sensor area of the main unit. Press **RESET** after every battery replacement.

- Do not subject the unit to excessive force, shock, dust, temperature or humidity.
- Do not cover the ventilation holes with any items such as newspapers, curtains etc.
- Do not clean the unit with abrasive or corrosive materials.
- Do not tamper with the unit's internal components. This invalidates the warranty.
- Only use fresh batteries. Do not mix new and old batteries.
- Images shown in this manual may differ from the actual display.
- When disposing of this product, ensure it is collected separately for special treatment and not as normal household waste.
- Placement of this product on certain types of wood may result in damage to its finish for which Oregon Scientific will not be responsible. Consult the furniture manufacturer's care instructions for information.
- The contents of this manual may not be reproduced without the permission of the manufacturer.
- Do not dispose old batteries as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.
- Please note that some units are equipped with a battery safety strip. Remove the strip from the battery compartment before first use.

**NOTE** The technical specifications for this product and the contents of the user manual are subject to change without notice.

TYPE	DESCRIPTION
Dimension	100 mm (D) x 180 mm (H)
Weight	174 g
Operating range in water	0°C (32°F) to 50°C (122°F)
Operating range in room temperature	-30°C (-22°F) to 85°C (185°F)
Temperature resolution	0.1°C (0.2°F)
Number of channels	3
Data transfer	- Channel 1: approximately every 53 seconds - Channel 2: approximately every 59 seconds - Channel 3: approximately every 61 seconds
Transmission range	328 ft (100 m)
Transmission frequency	433 MHz
Batteries	2 x UM-3 / AA 1.5V
Remote sensor waterproof	Up to 1 m (3.28 ft)

Visit our website ([www.oregonscientific.com](http://www.oregonscientific.com)) to learn more about Oregon Scientific products. If you're in the US and would like to contact our Customer Care department directly, please visit:

[www2.oregonscientific.com/service/support](http://www2.oregonscientific.com/service/support)

OR

Call 1-800-853-8883.

For international inquiries, please visit: [www2.oregonscientific.com/about/international](http://www2.oregonscientific.com/about/international)

Hereby, Oregon Scientific, declares that this Water Thermo Sensor (model: THWR800 / THWR800A) 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.

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.

**WARNING** Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**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 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 or an experienced radio / TV technician for help.

The following information 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](http://www.oregonscientific.com), or on the warranty card for this product) for all inquiries instead.

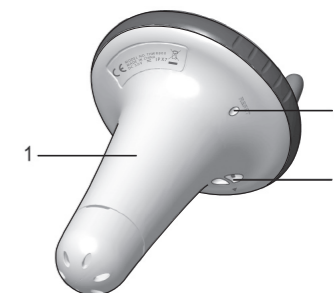
Name: Oregon Scientific, Inc.  
Address: 19861 SW 95<sup>th</sup> Ave., Tualatin, Oregon 97062 USA  
Telephone No.: 1-800-853-8883

Product No.: THWR800 / THWR800A  
Product Name: Water Thermo Sensor  
Manufacturer: IDT Technology Limited  
Address: Block C, 9/F, Kaiser Estate, Phase 1, 41 Man Yue St., Hung Hom, Kowloon, Hong Kong

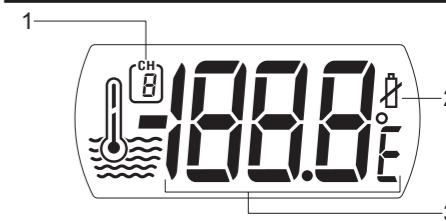
is in conformity with Part 15 of the FCC Rules. Operation is subject to the following two conditions: 1) This device may not cause harmful interference. 2) This device must accept any interference received, including interference that may cause undesired operation.



1. Indicateur LED



1. Habitable tubulaire  
2. Bouton **RESET** (Réinitialiser)  
3. Fente pour lanière

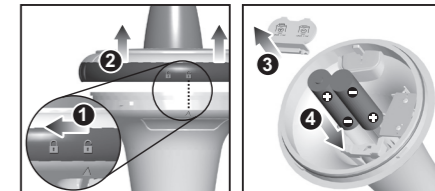


1. Indicateur de canal  
2. Indicateur de faiblesse des piles  
3. Affichage de la température

Ce capteur est compatible avec les appareils de prévisions météorologiques portant ce logo

Vous trouverez le compartiment des piles à l'intérieur de l'habitable tubulaire et les interrupteurs de sélection des canaux et de l'unité de température à l'intérieur du couvercle principal.

1. Positionnez le couvercle principal sur (position de déverrouillage) puis retirez-le de l'habitable tubulaire.
2. Retirez le couvercle du compartiment des piles et insérez 2 piles UM-3 / AA 1,5 V en respectant les polarités. Remettez le couvercle du compartiment en place.



**REMARQUE** Les piles alcalines standard sont composées d'un volume d'eau non négligeable. Par conséquent, elles peuvent geler lors de températures inférieures à -12°C (10°F). Les piles aux lithium ont un seuil inférieur lors de températures froides, elle ne peuvent en effet geler qu'à -40°C (-40°F).

**IMPORTANT** Ne pas utiliser de piles rechargeables.

**ATTENTION** Même si vous utilisez des piles au lithium pour alimenter le capteur, et bien que le capteur puisse supporter de faibles températures, il n'est pas recommandé

