

Easy Fix Thermometer Pad with Ice Alert Model: EW102

FCC Statement8

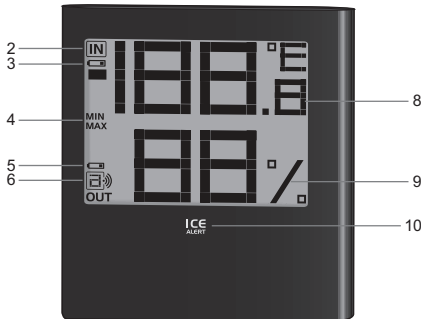
USER MANUAL

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OVERVIEW

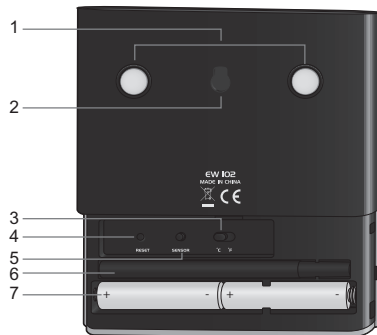
FRONT VIEW



- CHANNEL:** toggle between indoor and outdoor channels (1-3); activate / deactivate / auto-toggle
- IN** : indoor temperature / humidity is displayed
- [Battery Icon]** : main unit batteries low
- MIN/MAX:** indicates type of data being displayed
- [Battery Icon]** : sensor batteries low

- [Remote Sensor Icon]** out: remote sensor reception indicator and outdoor channel selected
- MIN/MAX.:** view current, maximum and minimum indoor / outdoor temperature and humidity; clear records
- Temperature
- Humidity
- Ice alert LED indicator

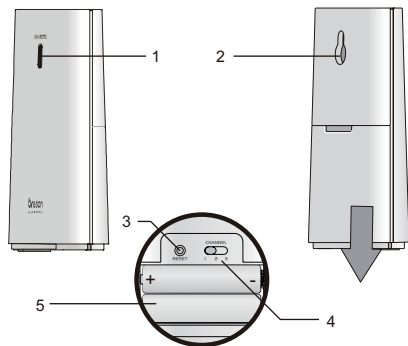
BACK VIEW



- Magnets for mounting
- Wall mount hole

3. °C / °F: select temperature unit
4. **RESET**: reset unit to default settings
5. **SENSOR**: initiate search for sensor
6. Pole compartment
7. Battery compartment

SENSOR



1. LED indicator: flashes when remote unit transmits a reading
2. Wall mount hole
3. **RESET**: reset unit to default settings
4. **CHANNEL** switch

5. Battery compartment

GETTING STARTED

MAIN UNIT INSTALLATION

Insert batteries:

1. Slide open the battery compartment cover.
2. Insert the batteries, matching the polarities.
3. Press **RESET** after each battery change.
4. Replace the battery compartment cover.

NOTE Batteries should not be exposed to excessive heat such as sunshine or fire.

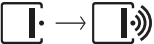

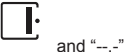
SENSOR INSTALLATION

1. Slide open the battery compartment cover.
2. Insert the batteries matching the polarities (+/-).

SYNCHRONISING WITH SENSOR

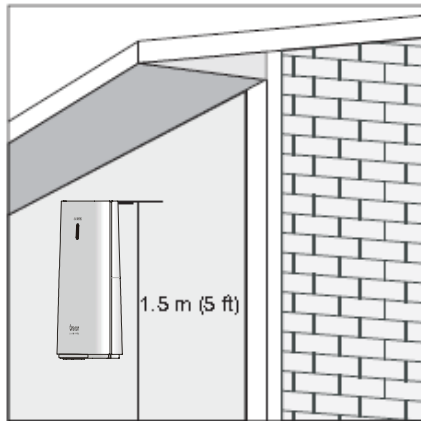
1. Press **CHANNEL** on main unit to select a channel.
2. On sensor, slide channel switch to corresponding channel. (For additional sensors, select a different channel). Press **RESET**.
3. Press **SENSOR** on main unit to initiate search.

The sensor reception icon shows the status:

ICONS	MEANING
	Main unit is searching for sensor(s)
	A sensor channel has been found and logged on
	No sensor found

4. Secure the sensor in the desired location using the wall mount hole.

TIP Ideal placements for the sensor would be in any location on the exterior of the home at a height of not more than 1.5 m (5 ft) and which can shield it from direct sunlight or wet conditions for an accurate reading.



For best results:

- Place the sensor within 30m (100 ft) of the main unit.
- Place the sensor out of direct sunlight and moisture.
- Position the sensor so that it faces the main 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 / 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.

TIP The transmission range may vary depending on many factors. You may need to experiment with various locations to get the best results.

NOTE Use alkaline batteries for longer usage and consumer grade lithium batteries in temperatures below freezing.

TEMPERATURE AND HUMIDITY

To select temperature unit:

Slide °C / °F switch.

To toggle between each sensor's readings:

Press **CHANNEL** repeatedly

OR

Press and hold **CHANNEL** for 2 seconds to initiate auto toggle of channel readings.

To end, press **CHANNEL**.

To toggle between current, minimum and maximum records for the past 24 hours:

Press **MIN. MAX.** repeatedly.

To clear the records:

Press and hold **MIN. MAX.**

ICE WARNING

If temperature recorded falls between -2°C to 3°C (29°F to 37°F), LED indicator will flash and will stop flashing once the temperature is out of this range.

PLACING OF UNIT

Mounting on metallic surface:

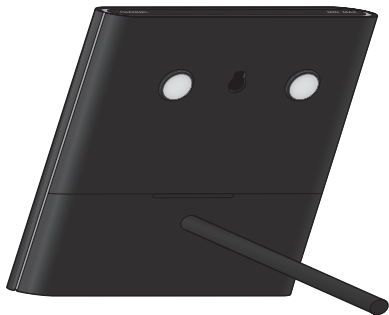
Place onto surface.

Mounting on wall:

Use wall mount hole.

Placing on a flat surface:

1. Remove battery compartment cover.
2. Remove pole from casing.
3. Replace battery compartment cover.
4. Insert pole through hole and place in desired position.



RESET

Press **RESET** to return to default settings.

TROUBLESHOOTING

DISPLAY	AREA	PROBLEM
LL.L	Temperature	Reading is below range
LL	Humidity	
HH.H	Temperature	Reading is above range
HH	Humidity	

--	Humidity	Temperature is out of range for calculating relative humidity; sensor does not have humidity function
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SPECIFICATIONS

MAIN UNIT

TYPE	DESCRIPTION
L x W x H	105 x 16 x 112 mm (4.1 x 0.6 x 4.4 in)
Weight	136g (4.8 oz) without battery
Temperature range	-5°C to 50°C (23°F to 122°F)
Humidity range	20% - 90%
Signal frequency	433 MHz
Power	2 x UM-4 (AAA) 1.5 V batteries

SENSOR

TYPE	DESCRIPTION
L x W x H	57 x 27 x 100 2.2 x 1.1 x 3.9 in
Weight	54g (1.9 oz) without battery

Temperature range	-20°C to 60°C (-4°F to 140°F)
Humidity range	20% - 90%
Transmission range	30 m (100 ft) unobstructed
Power	2 x UM-4 (AAA) 1.5 V batteries

PRECAUTIONS

- 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 immerse the unit in water. If you spill liquid over it, dry it immediately with a soft, lint-free cloth.
- 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.
- Should there be any discrepancy between the English and other language versions, the English version shall apply and prevail.

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

NOTE Features and accessories will not be available in all countries. For more information, please contact your local retailer.

ABOUT OREGON SCIENTIFIC

Visit our website (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: <https://us.oregonscientific.com/service/support.asp>
 For international inquiries, please visit: <https://us.oregonscientific.com/about/international.asp>

EU-DECLARATION OF CONFORMITY

Hereby, Oregon Scientific, declares that this Easy Fix Thermometer Pad with Ice Alert (Model: EW102) 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 EU countries, Switzerland (CH)
 and Norway (N)

FCC STATEMENT

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 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 or an experienced radio / TV technician for help.

DECLARATION OF CONFORMITY

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, or on the warranty card for this product for all inquiries instead.

We

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

declare that the product

Product No.: EW102
Product Name: Easy Fix Thermometer Pad with Ice
Alert
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, and 2) This device must accept any interference received, including interference that may cause undesired operation.