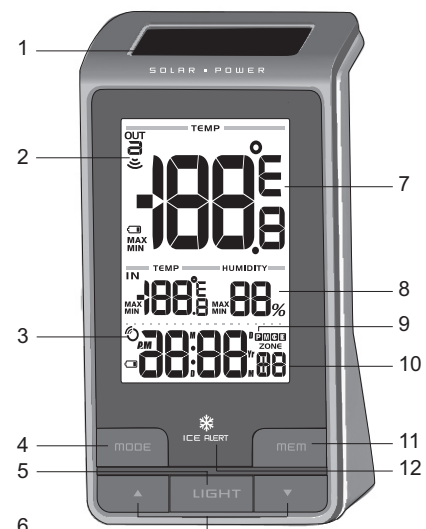


Solar Indoor / Outdoor Thermometer
with Indoor Hygrometer and
Atomic Clock
Modèle : RMR803 / RMR803A
USER MANUAL

EN

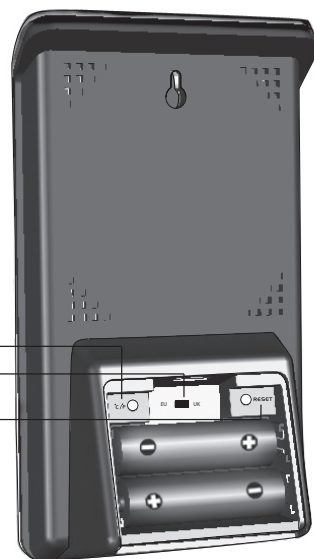
OVER VIEW

FRONT VIEW (FIG 1)



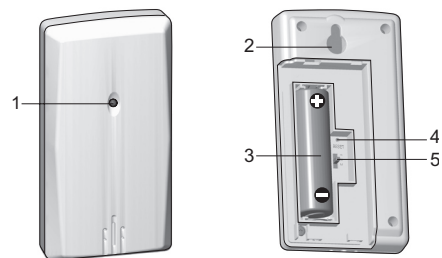
- Solar panel
- Remote sensor reception indicator
- Clock signal reception indicator
- MODE: Change settings / display
- LIGHT: Activate backlight for 5 seconds
- ▲ / ▼: Increase / decrease value; activate / deactivate clock reception signal; ▲: toggle between outdoor channels (1-3)
- Outdoor temperature
- Indoor temperature and humidity
- Time zone (RMR803A only)
- Clock with weekday
- MEM: View current, maximum, minimum temperature / indoor humidity
- Ice alert LED indicator

BACK VIEW (FIG 2)



- °C / °F: Select temperature unit
- EU / UK: Select the nearest radio signal (RMR803 only)
- RESET: Reset unit to default settings

REMOTE SENSOR (FIG 3)



- LED status indicator
- Wall mount hole
- Battery compartment
- RESET hole
- CHANNEL switch

GETTING STARTED

SOLAR PANEL

The solar panel is an energy saving feature, which is an environmentally friendly way to provide additional power to the main unit and prolongs battery life. However, it cannot replace battery power entirely.

INSERT BATTERIES

- Remove the battery compartment.
- Insert the batteries, matching the polarities (see FIG 2).

LOCATION	MEANING
Clock	Main unit batteries low
Outdoor temperature	Sensor batteries low

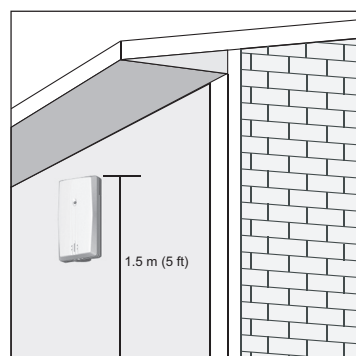
REMOTE SENSOR

The main unit can collect data from up to 3 sensors.

To set up the sensor:

- Open the battery compartment (see FIG 3).
- Insert the battery, matching the polarities.
- Select a channel then press RESET.
- Close the battery door.
- Place the sensor within 30 m (98 ft) of the main unit using the table stand or wall mount.

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.



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

SENSOR DATA TRANSMISSION

To search for a sensor:

Press and hold ▲ + MODE.

The sensor reception icon in the remote sensor area shows the status:

ICON	DESCRIPTION
	Main unit is searching for sensor(s).
	A channel has been found.
	The sensor cannot be found.

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

CLOCK

CLOCK RECEPTION

This product is designed to synchronize its clock automatically with a clock signal.

RMR803:

- Slide EU / UK to select the signal received.
- EU: DCF-77 signal: within 1500 km (932 miles) of Frankfurt, Germany.
- UK: MSF-60 signal: within 1500 km (932 miles) of Anthorn, England.

RMR803A:

- WVVB-60 signal: within 3200km (2000 miles) of Fort Collins, Colorado.

To enable / disable signal reception:

Press and hold ▲ to enable or ▼ to disable signal reception.

NOTE Reception takes 2-10 minutes. If the signal is weak, it can take up to 24 hours to get a valid signal. If signal reception is unsuccessful, place your unit next to a window, press and hold ▲ to force another signal search.

Clock signal reception indicator:

STRONG SIGNAL	WEAK / NO SIGNAL

MANUALLY SET CLOCK

To set the clock manually, disable the signal reception first.

- Press and hold MODE.
- Press ▲ or ▼ to change the settings.
- Press MODE to confirm.
- The settings order is: time zone, 12/24 hr format, hour, minute, year, calendar mode (day – month / month – day), month, day and language.

RMR803: Time zone offset sets the clock +/- 23 hours from the received clock signal time.

RMR803A: Select the time zone: (P) Pacific, (E) Eastern, (C) Central or (M) Mountain.

NOTE The language options are English (E), German (D), French (F), Italian (I), Spanish (S) and Russian (R).

To select display mode:

Press MODE to choose between clock with seconds, clock with weekday or calendar.

TEMPERATURE AND HUMIDITY

To toggle temperature unit:

Press °C / °F.

To toggle between each outdoor sensor's readings:

Press ▲ repeatedly.

OR

Press and hold ▼ + MEM for 2 seconds to initiate auto toggle of outdoor channels.

To end press ▲.

To toggle between current, minimum and maximum records:

Press MEM repeatedly.

To clear the records:

Press and hold MEM.

ICE WARNING

If the sensor falls between 3°C to -2 °C (37°F to 28°F), the green LED indicator will flash, and will stop flashing once the temperature is out of this range.

NOTE As ice alert is only applicable to channel 1, to prevent flashing of LED, select channel 2 or 3 on outdoor sensor.

BACKLIGHT

Press LIGHT to activate backlight for 5 seconds.

RESET

Press RESET to return to the default settings.

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.
- 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.

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

SPECIFICATIONS

TYPE	DESCRIPTION
MAIN UNIT	
L x W x H	73 x 38 x 132 mm (2.87 x 1.50 x 5.20 in)
Weight	170 g (6 oz) without battery
Temperature range	-5°C to 50°C (23°F to 122°F)
Signal frequency	433 MHz
Indoor humidity range	25% - 95%
Power	2 x UM-3 (AA) 1.5 V batteries
REMOTE UNIT (THN132N)	
L x W x H	96 x 50 x 22 mm (3.78 x 1.97 x 0.87 in)
Weight	62 g (2.22 ounces)
Transmission range	30 m (98 ft) unobstructed
Temperature range	-20°C to 60°C (-4°F to 140°F)
Power	1 x UM-3 (AA) 1.5 V batteries

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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 visit our website at www2.oregonscientific.com/service for all enquiries.

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.: RMR803 / RMR803A
Product Name: Solar Indoor / Outdoor Thermometer with Indoor Hygrometer and Atomic Clock
Manufacturer: IDT Technology Limited
Address: Block C, 9/F, Kaiser Estate, Phase 1, 41 Man Yue St., Hung Hom, Kowloon, Hong Kong

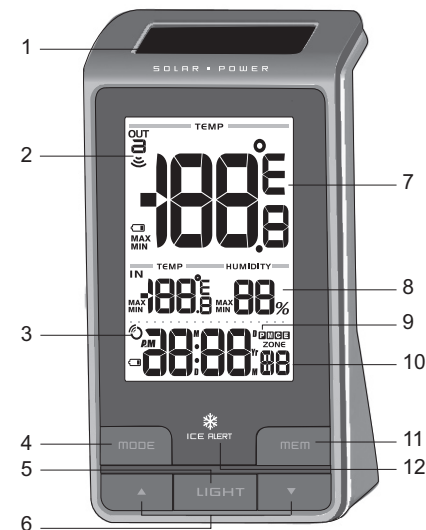
is in conformity with Part 15 of the FCC Rules. Operation is subject to the following two conditions: 1) This device may not cause harmful interference. 2) This device must accept any interference received, including interference that may cause undesired operation.

Solaire thermomètre intérieur /
extérieur avec hygromètre intérieur
et heure atomique
Modèle : RMR803 / RMR803A
MANUEL DE L'UTILISATEUR

FR

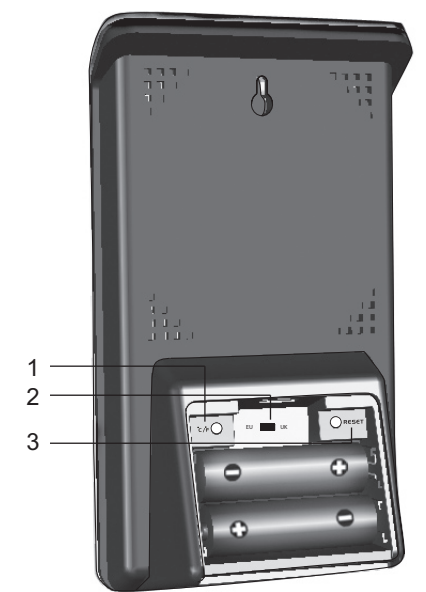
VUE D'ENSEMBLE

FACE AVANT (FIG 1)



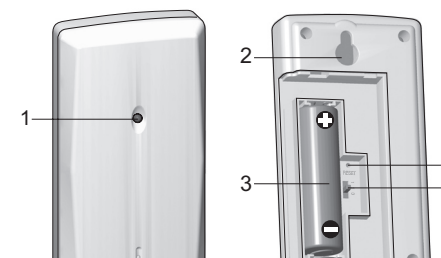
- Panneau solaire
- Indicateur de réception de la sonde à distance
- Indicateur de réception du signal de l'horloge
- MODE : Changez les réglages / l'affichage
- LIGHT : Permet d'activer le rétro-éclairage pendant 5 secondes
- ▲ / ▼ : Augmente / diminue les réglages ; active / désactive le signal de réception de l'horloge; ▲: permet d'alterner entre les canaux extérieurs (1-3)
- Température extérieure
- Température et humidité intérieure
- Fuseau horaire (modèle RMR803A seulement)
- Horloge avec les jours de la semaine
- MEM: Affichage de la température et de l'humidité intérieure actuelle/maximum/minimum
- Indicateur LED d'alarme de gel

FACE ARRIÈRE (FIG 2)



- °C / °F: Sélectionner l'unité de mesure de température
- EU / UK: Sélectionne le signal radio le plus proche (modèle RMR803 seulement)
- REINITIALISER (RESET): Réinitialiser l'appareil aux réglages par défaut

SONDE SANS FIL (FIG 3)



- Indicateur d'état LED
- Trou de fixation murale
- Compartment des piles
- Fente REINITIALISER (reset)
- Bouton CANAL (channel)

POUR COMMENCER

PANNEAU SOLAIRE

Le panneau solaire est un accessoire permettant d'économiser l'énergie, c'est une façon écologique de fournir de l'électricité supplémentaire à l'appareil principal prolongeant la durée de vie de la pile. Il ne peut cependant remplacer entièrement l'alimentation par piles.

INSÉREZ LES PILES

- Retirez le couvercle du compartiment des piles.
- Insérez les piles en respectant les polarités. (voir FIG 2).

EMPLACEMENT	SIGNIFICATION
Horloge	Piles faibles de l'appareil principal
Zone de température extérieure	Piles faibles du capteur

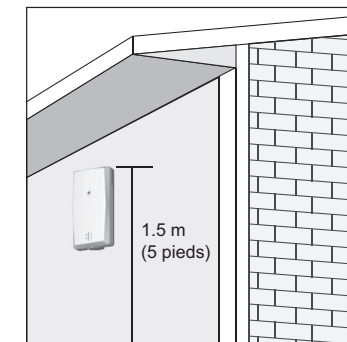
SONDE SANS FIL

L'appareil principal est à même de collecter les données de 3 sondes maximum.

Pour installer le capteur :

- Ouvrez le couvercle du compartiment des piles. (voir FIG 3).
- Insérez les piles, en respectant les polarités.
- Sélectionnez un canal puis appuyez sur RESET.
- Fermez le couvercle du compartiment des piles.
- Installez le capteur à 30 m maximum (98 pieds) de l'appareil principal à l'aide du support de table ou de la fixation murale.

CONSEIL Les emplacements idéaux pour le capteur sont dans tout endroit extérieur à l'habitat, à une hauteur ne dépassant pas les 1.5 m (5 pieds) et permettant de le protéger contre la lumière directe du soleil ou de conditions humides, afin d'obtenir une lecture précise.



REMARQUE Utilisez des piles alcalines pour un usage prolongé et des piles au lithium pour la consommation lors de basses températures (gel).

TRANSMISSION DES DONNÉES DU CAPTEUR

Pour rechercher un capteur : Appuyez et maintenez la touche ▲ + MODE.

L'icône de réception du capteur située dans la zone de la sonde à distance, indique l'état:

ICONE	DESCRIPTION
	L'appareil principal est à la recherche du/des capteur(s).
	Un canal a été trouvé.
	Le capteur est introuvable.

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