

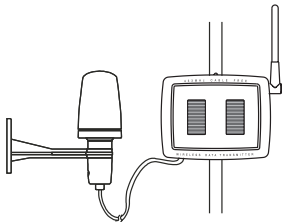
CABLE FREE THERMO-HYGRO SENSOR

MODEL: THGR968

USER'S MANUAL

INTRODUCTION

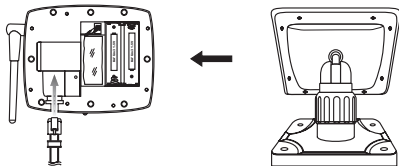
Congratulations on your purchasing the THGR968 Remote-hygro Thermo Sensor. The Remote Thermo-Hygro Sensor is used with the OSI Wireless Weather Station WMR112A to monitor temperature and humidity changes of remote or outdoor sites. Operation is easy and no wire installation is required.



INSTALLATION

The thermo-hygrometer is a self-contained unit and is powered by a solar cell Solar Power Cell:

1. Unscrew the screws on the back cover of the solar power cell STR-928 and remove the back cover.
2. Insert the thermo-hygrometer cable into the cable connection in the solar power cell.
3. Insert two "AA" batteries (included) with the polarities in the direction as shown inside the compartment.
4. Position the cable so the cable is placed into the cable recess and the back cover can fit into place.
5. Press the [RESET] button.
6. Place the back on the unit and tighten the screws reattaching the backcover to the solar power cell unit.



Thermo-Hygrometer:

Position and mount the remote sensor and its solar power cell outdoors in a protective location from direct sun and rain.

To see the readings from the thermo-hygro sensor you need to own the Main Unit of the WMR112A set. The main unit displays outdoor temperature and humidity readings from the thermo-hygro sensor.

PRECAUTIONS

This product is engineered to give you years of satisfactory service if you handle it carefully. Here are a few precautions:

1. Do not immerse the unit in water.
2. Do not clean the unit with abrasive or corrosive materials. They may scratch the plastic parts and corrode the electronic circuit.
3. Do not subject the unit to excessive force, shock, dust, temperature or humidity, which may result in malfunction, shorter electronic life span, damaged battery and distorted parts.
4. Do not tamper with the unit's internal components. Doing so will invalidate the warranty on the unit and may cause unnecessary damage. The unit contains no user-serviceable parts.
5. Only use fresh batteries as specified in the user's manual. Do not mix new and old batteries as the old ones may leak.
6. Always read the user's manual thoroughly before operating the unit.

SPECIFICATIONS

Temperature Measurement

Proposed operating range	: -20.0°C to +60.0°C (-4.0°F to 140.0°F)
Temperature resolution	: 0.1°C (0.2°F)
RF Transmission Frequency	: 433 MHz
RF Transmission Range	: (30 meters) 100 feet
Temperature sensing cycle	: around 40 seconds

Power : solar cell (STR928)

Weight : 3.93 ounces (111.5 g)

Dimension : 4.47x1.67x4.23 inches
113.5(L)x42.5(W)x
107.5(H)mm

STR928 :

Weight : 9.38 ounces(266 g)

Dimension : 115(L) x 81(W) x 138(H) mm
(4.53x3.19x5.43 inches)

Power backup : 2 x UM3- "AA" size alkaline battery (recommend super lithium battery for weather condition under 0°C/32 ° F)

NOTE ON COMPLIANCE

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 operations.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC:

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 unit.
- Increase the separation between the equipment.
- 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.

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.

CUSTOMER ASSISTANCE

Should you require assistance regarding this product and its operation, please contact our customer care department at 800-853-8883 or via email at helpme@oscientific.com.

WARRANTY

This product is warranted to be free of manufacturing defects for a period of 90 days from date of retail purchase. Defective product should be directed to the place of retail purchase for exchange.

Should this not be possible, contact our customer care department for assistance and a return material authorization. No returns may be made without a return authorization. Please retain your retail receipt as you may be asked to provide a copy of it for proof of date purchased.

This warranty does not cover product subjected to abuse, misuse, accidental damage or tampering.