Thank you for selecting this Oregon Scientific™ Wireless Indoor/Outdoor Thermometer with Indoor Humidity and Self-Setting Atomic Clock (RMR383HGA). This clock is supplied with a remote sensor (THN132N) and can support up to 3 sensors in total (additional sensors sold separately).

**NOTE** Please 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 about.

**INTRODUCTION**

**CLOCK OVERVIEW**

**FRONT VIEW**

1. **SNOOZE**
2. **Temperature and Humidity Area**
3. **Clock / Alarm Area**
4. **ALARM** View alarm status; set alarm

**BACK VIEW**

1. **1. LED indicator**
2. **1. Wall mount**
3. **2. Battery compartment**
4. **Temperature and Humidity area:**

**GETTING STARTED**

Insert batteries before first use, matching the polarity (+ and -). Press **RESET** after each battery change.

**REMOTE SENSOR (THN132N)**

**REMOTE SENSOR DATA TRANSMISSION**

The sensor reception icon in the temperature and humidity area shows the status.

**ICON**

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main unit is searching for the sensor(s)</td>
</tr>
<tr>
<td>A channel has been found and signal sensor is being received</td>
</tr>
<tr>
<td>The sensor cannot be found. Search for the sensor or check batteries</td>
</tr>
</tbody>
</table>

To search for a sensor: Simultaneously, press and hold **MEM** and **CHANNEL** for 2 seconds.

**NOTE** If the sensor is still not found, check the batteries, obstructions, and remote unit location.

**CLOCK**

**CLOCK RECEPTION**

This product is designed to synchronize its date and time automatically once it is within range of the WWVB-60 signal from the atomic clock in Fort Collins, Colorado.

The clock collects the radio signals whenever it is within 3219 km (2000 miles) of a signal.

**NOTE** Press **ZONE** to select the US time zone: Pacific (P), Eastern (E), Central (C) or Mountain (M).

**NOTE** Initial reception takes 2-10 minutes for first setup or when **RESET** is pressed. Once complete, the reception icon will stop blinking. If the signal is weak, it can take up to 24 hours to get a valid signal.

**RECEPTION SIGNAL**

Clock signal reception indicator:

- **STRONG SIGNAL**
- **WEAK SIGNAL**
- **NO SIGNAL**

To enable and force a signal search: Press and hold **▲** for 2 seconds.

To disable the signal reception: Press and hold **▼** for 2 seconds.

**SET CLOCK**

If the clock signal reception is enabled and a signal is being received the clock does not need to be manually set.

To manually set the clock:

1. Press and hold **MODE** for 2 seconds.
2. Press **▲** or **▼** to change the settings.
3. Press **MODE** to confirm.
4. The setting sequence is: 12/24 hour format, hour, minute, year, date / month format, month, date, and display.
NOTE: The temperature unit is °F. The humidity unit is %.

To set alarm:
1. Press and hold ALARM for 2 seconds.
2. Press ON / OFF to set alarm time.
3. Press MODE/SNOOZE to confirm.

To silence the alarm:
- Press SNOOZE to silence it for 8 minutes.
- Press any key except SNOOZE to turn the alarm off and activate it again after 24 hours.

TEMPERATURE AND HUMIDITY

To toggle between current, minimum and maximum records for the selected sensor:
Press MEM repeatedly.

To clear the records:
Press and hold MEM for 2 seconds.

TEMPERATURE AND HUMIDITY TREND

The temperature and humidity trend icons are based on recent readings.

RISING
STEADY
FALLING

PRECAUTIONS

An alarm can be set to sound if sensor set to channel 1 falls between 3°C to –2°C (37°F to 28°F). It flashes to warn you that the temperature is approaching freezing.

NOTE: The warning will automatically stop if the temperature goes outside the six-warning range.

NOTES

To enable / disable the alarm:
1. Press ALARM to display alarm time.
2. Press ALARM again to turn alarm ON / OFF.

To toggle between current / maximum / minimum readings, press HEAT INDEX, then press CHANNEL to select channel 1-3 or indoor, followed by MEM.

To toggle between temperature / humidity and heat index display, press and hold HEAT INDEX for 2 seconds. Press HEAT INDEX again to stop this feature.

NOTE: If the heat index is below 80°F / 26°C, if the selected sensor does not support humidity measurement or if the channel is not working, the heat index will display NA.

COMFORT ZONE

The comfort zone optimizes the climate based on current temperature and humidity measurements.

<table>
<thead>
<tr>
<th>ICON</th>
<th>TEMPERATURE</th>
<th>HUMIDITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>20-25°C</td>
<td>40-70%</td>
<td></td>
</tr>
<tr>
<td>20-25°C</td>
<td>40-70%</td>
<td></td>
</tr>
<tr>
<td>20-25°C</td>
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<td></td>
</tr>
</tbody>
</table>

MOON PHASE

- When calendar is set press or to view the moon phase for the next / previous day.
- Press and hold or to scan through the years (2001 to 2090).

- New Moon
- Waxing Crescent
- First quarter
- Waxing Gibbous
- Full Moon
- Waxing Gibbous
- Last quarter
- Waxing Crescent

RESET

Press RESET to return to the default settings.

PRECAUTIONS

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

- 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.
- 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.
- Only use fresh batteries as specified in the user's manual.
- Do not print limited symbols on 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.
- Do not dispose this product as unsorted municipal waste.
- Collection of such waste separately for special treatment is necessary.

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

SPECIFICATIONS

<table>
<thead>
<tr>
<th>TYPE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAIN UNIT</td>
<td>L x W x H</td>
</tr>
<tr>
<td>Weight</td>
<td>28 g (1 oz)</td>
</tr>
<tr>
<td>Power source</td>
<td>2 x UM-3 (AA) 1.5 V batteries</td>
</tr>
<tr>
<td>Transmission range</td>
<td>30 m (100 ft)</td>
</tr>
<tr>
<td>Power</td>
<td>2 x UM-3 (AA) 1.5 V batteries</td>
</tr>
<tr>
<td>User-serviceable parts</td>
<td>N/A</td>
</tr>
</tbody>
</table>

NOTE: We recommend that you use alkaline batteries for this product for longer performance.

ABOUT OREGON SCIENTIFIC

Visit our website (www.oregonscientific.com) to learn more about Oregon Scientific products such as digital cameras, MP3 players, children’s electronic learning products and games, projection clocks, health and fitness gear, weather stations, and digital and conference phones. The website also includes contact information for our Customer Care department in case you need to reach us, as well as frequently asked questions and customer downloads.

We hope you will find all the information you need on our website, however if you’re in the US and would like to contact the Oregon Scientific Customer Care department directly, please visit www.oregonscientific.com/service/default.asp or call 1-800-853-8883.

For international inquiries, please visit www.oregonscientific.com/about/international.asp

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.

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: 1-855-853-8883

declare that the product:
Product No.: RMR383HGA

Product Name: Wireless Indoor / Outdoor Thermometer with Indoor Humidity and Set-Setting Atomic Clock

Manufacturer: ICT Technology Limited
Address: Block C, 9/F, Kaiser Estate, Phase 1-4, Viele 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.

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