WEATHER IN MOTION
Model: BAR200 / BAR200U / BAR200A

USER MANUAL

CONTENTS

INTRODCTION

Thank you for selecting the Oregon Scientific™ Weather In Motion weather station. This weather station will automatically reveal details about the weather when you are within 2 feet from the clock and will become a stylish jumbo clock when you view it from a far.

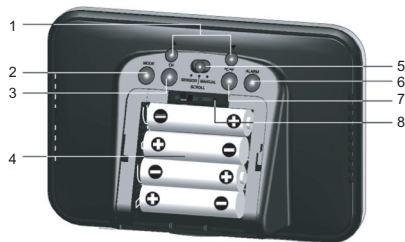Please keep this manual for instructions and information you should know about.

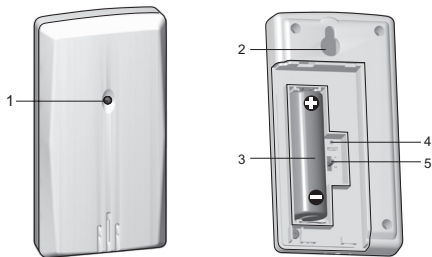## OVERVIEW

FRONT VIEW (FIG. 1)

1. **SNOOZE**: Snooze alarm; activate backlight
2. LED indicator: indicates Near-Far function is activating

BACK VIEW (FIG. 2)

1. ▲ / ▼ : Increase / decrease setting; activate / deactivate clock reception signal
2. **MODE**: Change settings / display
3. **CH**: Switch remote sensor display; force a search for remote sensors
4. Battery compartment
5. **SCROLL/ SENSOR / MANUAL**: Change LCD display
6. **ALARM**: View alarm status; set alarm
7. **°C / °F**: Select temperature unit
8. **RESET**: Reset unit to default settings

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REMOTE SENSOR (FIG 3)

1. LED status indicator
2. Wall mount hole
3. Battery compartment
4. **RESET** hole: Reset unit to default settings
5. **CHANNEL** button: Select channel 1

GETTING STARTED

INSERT BATTERIES

1. Remove the battery cover.
2. Insert the batteries, matching the polarities (see FIG 2).
3. Press **RESET** after each battery change.

LOCATION	MEANING
Clock / alarm	Main unit batteries low
Outdoor temperature and humidity area	Sensor batteries low

REMOTE SENSOR

The main unit can collect data from up to 3 sensors. Press CH to toggle between the sensor channels.

To set up the sensor:

1. Open the battery compartment (see FIG 3).
2. Select a channel then press **RESET**.
3. Close the battery door.
4. Place the sensor within 30 m (98 ft) of the main unit using the table stand or wall mount.
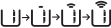
NOTE Use alkaline batteries for longer usage and consumer grade lithium batteries in temperatures below freezing.

SENSOR DATA TRANSMISSION

To search for a sensor:
Press and hold **CH**.

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

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EN

ICON	DESCRIPTION
⊔┘→⊔	Main unit is searching for sensor(s)
⊔┘→⊔┘→⊔┘→⊔	A channel has been found
⊔	Sensor 1 data received
⊔ and "--.-"	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.

BAR200:

• EU: DCF-77 signal: within 1500 km (932 miles) of Frankfurt, Germany.

BAR200U:

• UK: MSF-60 signal: within 1500 km (932 miles) of Anthorn, England.

BAR200A:

• WWVB-60 signal: within 3200km (2000 miles) of Fort Collins Colorado. Manually set clock to select time zone (Pacific, Mountain, Central or Eastern).

To enable / disable signal reception:

Press and hold 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.

Clock signal reception indicator:

STRONG SIGNAL	WEAK SIGNAL	NO SIGNAL
⟮	⟲	⟲

MANUALLY SET CLOCK

1. Press and hold **MODE**.
2. Press ▲ or ▼ to change the settings.
3. Press **MODE** to confirm.
4. The settings order is: time zone offset, 12 / 24 hr format, hour, minute, year, month, day and language.

BAR200 / BAR200U: Time zone offset sets the clock + / - 23 hours from the received clock signal time.

BAR200A: 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), and Spanish (S).

To select display mode:
Press **MODE** to choose between clock with seconds and clock with weekday.

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EN

BACKLIGHT

To activate backlight:
Push down on the top of the unit to activate the backlight function.

 NOTE When backlight is activated it will automatically revert to temperature / time display.

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.

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SPECIFICATIONS

TYPE	DESCRIPTION
MAIN UNIT	
L x W x H	155 x 45 x 105 mm (6.1 x 1.8 x 4.1 in)
Weight	232 g (8.2 oz) without batteries
Temperature range	-5°C to 50°C (23°F to 122°F)
Resolution	0.1°C (0.2°F)
Signal frequency	433 MHz
Power	4 x UM-3 (AA) 1.5 V batteries
REMOTE UNIT (THN132N)	
L x W x H	92 x 60 x 20 mm (3.6 x 2.4 x 0.8 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

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: www2.oregonscientific.com/service/support

OR

Call 1-800-853-8883.

For international inquiries, please visit: www2.oregonscientific.com/about/international

EU-DECLARATION OF CONFORMITY

Hereby, Oregon Scientific, declares that this Weather In Motion (model: BAR200 / BAR200U / BAR200A) 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.

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COUNTRIES RTTE APPROVAL COMPLIED

All EC 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.:	BAR200 / BAR200U / BAR200A
Product Name:	Near Far Weather Station
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.