



Colour LCD Advanced Wireless Weather Station

USER MANUAL



BAR208SX

Colour LCD Advanced Wireless Weather Station Model: BAR208SX USER MANUAL

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OVERVIEW

FRONT VIEW (FIG 1)



1. Remote sensor reception indicator
2. Moon phase reading
3. Weather forecast
4. Outdoor temperature with temperature trend
5. Clock signal reception indicator
6. **MODE:** Change settings / display
7. ▲ / ▼ : Increase / decrease settings; activate / deactivate clock reception signal
8. Outdoor temperature with temperature trend
9. Outdoor humidity with humidity trend
10. Weather warning message
11. Indoor humidity with humidity trend
12. Clock with weekday
13. **MEM:** View current, maximum and minimum temperature / humidity
14. **LIGHT:** Activate backlight for 5 seconds when unit is not plugged into AC Adapter
15. Ice alert LED indicator

BACK VIEW (FIG 2)



1. °C / °F: Select temperature unit
2. **RESET**: Reset unit to default settings
3. **EU / UK / US**: Select the nearest radio signal
4. AC power adapter jack

REMOTE SENSOR (FIG 3)



1. LED status indicator
2. Wall mount hole
3. Battery compartment
4. **RESET** hole
5. **CHANNEL** switch

GETTING STARTED

INSERT BATTERIES

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

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

CONNECT AC ADAPTER

Connect the supplied power adapter to the power jack, then plug into a standard AC outlet.

NOTE

- The batteries are only for back-up use. Always connect the unit to the power grid source via AC/DC adapter.
- Make sure the adapter is not obstructed and is easily accessible to the unit.
- The base station and adapter should not be exposed to wet conditions. No objects filled with liquid, such as vases, should be placed on the base station and adapter.
- To completely disconnect from power, unplug adapter from the mains.

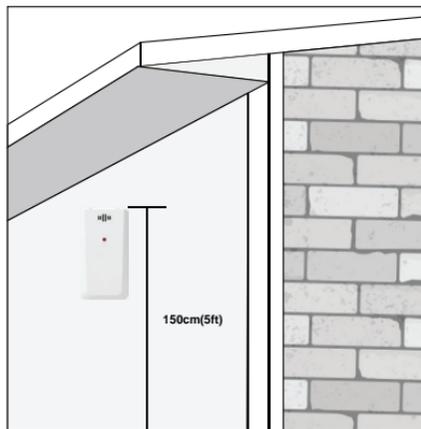
REMOTE SENSOR

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

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.

TIP Ideal placements for the sensor would be in any location on the exterior of the home at a height of not more than 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:

To select display mode:

Press **MODE** to choose between clock with seconds / weekday / calendar / moon phase.

WEATHER FORECAST

This product forecasts the next 12 to 24 hours of weather within a 30-50 km (19-31 mile) radius with a 75% accuracy.

	Sunny
	Partially Cloudy
	Cloudy
	Rainy
	Snowy

WEATHER WARNING MESSAGE

The weather warning messages provide indications of probable circumstances that may arise based on the weather station's calculations. The meanings for the warnings are illustrated below:

Warning	Meaning
	Risk of high temperatures

	Risk of fast wind speeds
	Risk of a storm
	Risk of foggy conditions
	Risk of icy conditions

TEMPERATURE AND HUMIDITY

To toggle temperature unit:

Press **°C / °F**.

To auto-scan between sensors:

Press and hold **▼ + MEM** to display each sensor's data for 3 seconds.

To end press **▲**.

To toggle between current, minimum and maximum records for the selected sensor:

Press **MEM** repeatedly.

To clear the records:

Press and hold **MEM**.

ICE WARNING

If the channel 1 sensor falls between 3°C to -2 °C (37°F to 28°F), LED indicator will flash, and will stop flashing once the temperature is out of this range.

WEATHER TRENDS

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

RISE	STEADY	FALL
		

MOON PHASE

In moon phase mode, press ▲ or ▼ to scan through the years (2001 to 2099).

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

NOTE Star icons around the moon phase will be displayed from 6 o'clock in the evening to 6 o'clock the next morning.

BACKLIGHT

Press **LIGHT** to activate backlight for 5 seconds when unit is not plugged into AC Adaptor. Backlight remains on when unit is plugged into AC Adaptor.

RESET

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

PRECAUTIONS

- Use only fresh batteries of the required size and type. Do not mix old and new batteries, different types of batteries.
- Do not dispose old batteries as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.
- If you do not plan to use the product for a long time, remove the batteries. Batteries can leak chemicals that can damage electronic parts.
- Do not subject the device to excessive force, shock, dust, temperature or humidity.
- Do not immerse the device in water. If you spill liquid over it, dry it immediately with a soft, lint-free cloth.
- Do not clean the device with abrasive or corrosive materials.
- Do not tamper with the device's internal components. Doing so invalidates the warranty.
- Images shown in this manual may differ from the actual display.
- When disposing of this product, ensure it is collected separately for special treatment.
- The contents of this manual may not be reproduced without the permission of the manufacturer.

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. To download an electronic version of the user manual, please visit <http://global.oregonscientific.com/customerSupport.php>.

SPECIFICATIONS

TYPE	DESCRIPTION
MAIN UNIT	
L x W x H	94 x 51 x 182.5 mm (3.70 x 2.01 x 7.19 in)
Weight	241 g (8.5 oz) without battery
Temperature range	-5 °C to 50 °C (23 °F to 122 °F)
Resolution	0.1 °C (0.1 °F)
Signal frequency	433 MHz
Humidity range	25 % - 95 %
Humidity resolution	1 %
Power	3 x UM-3 (AA) 1.5 V batteries DC 5V 150 mA adapter
REMOTE UNIT (THGR511)	
L x W x H	50 x 22 x 96 mm (1.97 x 0.87 x 3.78 in)
Weight	49 g (1.73 ounces) without battery
Transmission range	30 m (98 ft) unobstructed
Temperature range	-20°C to 60°C (-4°F to 140°F)
Humidity range	25% - 95%
Power	2 x UM-4 (AAA) 1.5 V batteries

ABOUT OREGON SCIENTIFIC

Visit our website www.oregonscientific.com to learn more about Oregon Scientific products.

For any inquiry, please contact our Customer Services at info@oregonscientific.com.

Oregon Scientific Global Distribution Limited reserves the right to interpret and construe any contents, terms and provisions in this user manual and to amend it, at its sole discretion, at any time without prior notice. To the extent that there is any inconsistency between the English version and any other language versions, the English version shall prevail.

EU-DECLARATION OF CONFORMITY

Hereby the manufacturer, Oregon Scientific Global Distribution Limited, declares that the radio equipment type Colour LCD Advanced Wireless Weather Station (model: BAR208SX) is in compliance with 2014/53/EU Directive. The full text of the EU Declaration of Conformity is available at the following internet address: <http://global.oregonscientific.com/customerSupport.php>.



COUNTRIES RED APPROVED COMPLIED

All EU countries, Switzerland 
and Norway 

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 to this unit 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: Brea Corporate Park 3020
 Saturn St. Suite 200 Brea,
 CA 92821
 Telephone No.: 1 (888) 950-8889

declare that the product

Product No.: BAR208SX
 Product Name: Colour LCD Advanced
 Wireless Weather Station
 Manufacturer: Oregon Scientific Global
 Distribution 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.

INFORMATION FOR USERS



Pursuant to and in accordance with Article 14 of the Directive 2012/19/EU of the European Parliament on waste electrical and electronic equipment (WEEE), and pursuant to and in accordance with Article 20 of the Directive 2013/56/EU of the European Parliament on batteries and accumulators and waste batteries.

The barred symbol of the rubbish bin shown on the equipment indicates that, at the end of its useful life, the product must be collected separately from other waste.

Please note that the batteries/rechargeable batteries must be removed from the equipment before it is given as waste. To remove the batteries/accumulators refer to the specifications in the user manual. Therefore, any products that have reached the end of their useful life must be given to waste disposal centers specializing in separate collection of waste electrical and electronic equipment, or given back to the dealer when purchasing a new WEEE, pursuant to and in accordance with Article 14 as implemented in the country. The adequate separate collection for the subsequent start-up of the equipment sent to be recycled, treated and disposal of in an environmentally compatible way contributes to preventing possible negative effects on the environment and health and optimizes the recycling and reuse of components making up the apparatus.

Abusive disposal of the product by the user involves application of the administrative sanctions according to the laws in force.