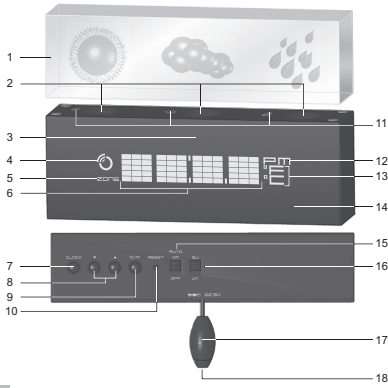# Oregon SCIENTIFIC

Crystal Weather Station
Model: BA900
USER MANUAL

EN

INTRODUCTION

Thank you for selecting this Oregon Scientific™ weather forecast clock. Please keep this manual for instructions and information you should know about.

PRODUCT OVERVIEW

1. Crystal weather forecast unit
2. LED lights
3. IR motion sensor
4. Radio-controlled signal icon
5. Time zone hour offset
6. Time and temperature display
7. **CLOCK:** Sets time
8. ▲ / ▼: Enables / disables radio-controlled clock; increases / decreases setting value
9. **ºC / ºF:** Changes measurement unit
10. **RESET:** Returns unit to default settings
11. Weather icon direction indicator
12. 12-hour clock
13. Temperature unit
14. Base unit
15. **AUTO ON / OFF:** Turns the auto toggle between temperature and time display ON / OFF
16. **EU / UK:** Selects the nearest signal
17. Temperature sensor
18. Adapter socket

WARNING Do not look directly at the LED light as it may hurt your eyes.

SET UP

1. Plug in the adapter to power the unit.
2. Set the clock as shown in the Clock section.
3. Carefully place the crystal weather forecast unit on top of the base. Make sure that it is squarely positioned on the base and that the weather icons are facing the correct way.

NOTE To check the unit is set up correctly, make sure the weather icons on the base unit are facing the same way as the icons on the crystal unit.

WARNING The crystal weather forecast unit is very fragile and should be handled carefully. Oregon Scientific will not be liable for any damage or injury caused by mishandling this product.

NOTE This product may malfunction when radio interference appears on the AC power line. The unit will revert to normal operation when interference stops. Make sure the adapter socket is easily accessible to the unit.

CLOCK RECEPTION

This product is designed to synchronize its clock automatically once it is within range of a radio signal:

- DCF-77 generated from Frankfurt, Germany for Central Europe
- MSF-60 generated from Rugby, England

The clock collects the radio signals whenever it is within 1500 km (932 miles) of a signal. Slide the **EU / UK** switch to the appropriate position for your location. Repeat each time you reset the unit.

NOTE For best results, place the clock away from metal or electrical objects, and near a window with a clear view to the sky.

To enable / disable a signal search:

Press and hold ▲ / ▼ .

STRONG SIGNAL	WEAK SIGNAL	NO SIGNAL

NOTE It takes up to 10 minutes to get a valid signal reception. However, if the radio signal is weak it can take up to 24 hours.

CHANGE DISPLAY

1. To automatically toggle between the indoor temperature and time display, slide the **AUTO ON / OFF** to ON.
2. To use the motion sensor to change the display, wave your hand across the motion sensor.

CLOCK

To set the clock (when radio-reception is disabled):

1. Press and hold **CLOCK** for 2 seconds.
2. Press ▲ / ▼ to change the setting.
3. Press **CLOCK** to confirm.
4. The setting order is: Hour offset, 12/24 hr format, hour and minute.

WEATHER FORECAST

The next 12 to 24 hour weather forecast is shown by the weather icon color.

ICON	COLOR	MEANING
	Red	Sunny
	Blue	Cloudy
	Green	Rainy

TEMPERATURE

Press **ºC / ºF** to change the measurement unit.

RESET

Press **RESET** to return unit to 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 s 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.

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

SPECIFICATIONS

TYPE	DESCRIPTION
L X W X H	177 x 112 x 40 mm (7 x 4.4 x 1.6 inches)
Weight of crystal unit	860g (1.9 lbs)
Weight of base unit	260g (0.57 lbs)
RF frequency	DCF-77 or MSF-60
Clock format	12 / 24 hour
IR sensor coverage distance	1.3 to 8 cm (0.5 to 3 inches)
Temperature range	-5 to 50ºC (23 to 122ºF)
Temperature resolution	0.1ºC (0.2ºF)
Power	AC / DC adapter

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.asp

OR

Call 1-800-853-8883.

For international inquiries, please visit:

www2.oregonscientific.com/about/international.asp.

EU-DECLARATION OF CONFORMITY

Hereby, Oregon Scientific, declares that this weather forecast clock (BA900) 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.

CE

COUNTRIES RTTE APPROVAL COMPLIED
All EU countries, Switzerland ⒸⒽ
and Norway Ⓝ