Oregon SCIENTIFIC

Weather Day & Night
Model: BAR339DP / BAR339DPA / BAR339DPU / BAA339DPH

USER MANUAL

086L005696-011

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USER MANUAL

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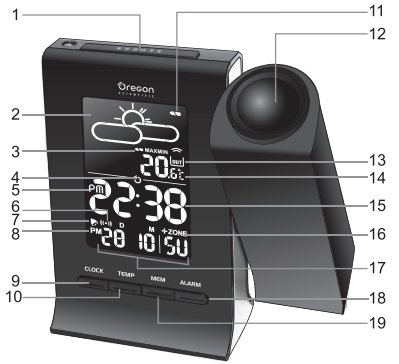
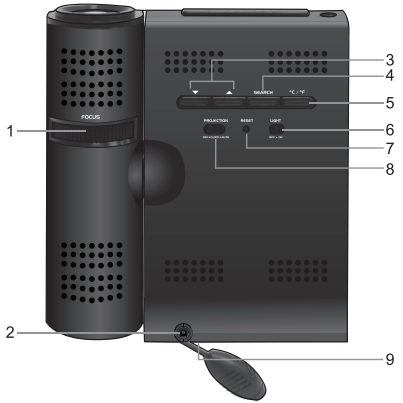
OVERVIEW

FRONT VIEW



1. **SNOOZE**: Activate snooze alarm; turn on backlight; flip projected image 180º
2. Weather forecast
3. Outdoor remote sensor battery low
4. Radio controlled clock reception icon
5. PM: Indicates PM (12 hour mode)
6. Indicate alarm time is displayed
7. Indicate daily alarm is On
8. PM: Indicates PM (12 hour mode)
9. **CLOCK**: Change display; set clock
10. **TEMP**: Toggle between indoor / outdoor temperature display; activate / deactivate auto-scan
11. Main unit batteries low / no battery
12. Projector: Project time / outdoor temperature and weather forecast
13. IN OUT Indicate indoor / outdoor sensor reception status
14. Outdoor Temperature (Current / Max / Min)
15. Clock
16. Time Zone Offset
17. Calendar with weekday / seconds
18. **ALARM**: View alarm status / set alarm
19. **MEM**: Toggle between current / maximum / minimum temperature display; clear records

BACK VIEW

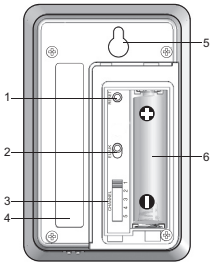


1. **FOCUS Wheel**: Adjust projection focus
2. AC/DC Adaptor socket
3. ▲ / ▼: Decrease / increase value of the setting; enable / disable clock reception
4. **SEARCH**: Initiate sensor search
5. **°C / °F**: Select temperature unit
6. **LIGHT ON/OFF**: Turn backlight continuously On (adaptor installed) / only when **SNOOZE** key is pressed
7. **RESET**: Reset unit to default settings
8. **PROJECTION OFF- CLOCK - AUTO**: Select projection display
9. Battery compartment

REMOTE SENSOR

FRONT VIEW

BACK VIEW



1. **RESET:** Reset unit to default settings
2. **EU / UK Switch** (RTHN318D sensor only)
3. **Channel Switch**
4. Double sided adhesive tape
5. Wall mount hole
6. Battery compartment

GETTING STARTED

MAIN UNIT INSTALLATION

Batteries serve as a back-up power supply. For continuous use of projector and backlight, install adapter.

- Plug AC/DC adaptor into socket. Make sure the adapter is not obstructed and is easily accessible to the unit.

To completely disconnect from power, the adapter should be disconnected from the main unit.

NOTE The main unit and adapter should not be exposed to wet conditions. No objects filled with liquid, such as vases, should be placed on the main unit and adapter.

Memory backup:

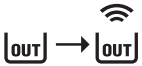
1. Remove the battery compartment cover.
2. Insert the batteries, matching the polarities.

NOTE Batteries should not be exposed to excessive heat such as sunshine or fire.

REMOTE SENSOR INSTALLATION

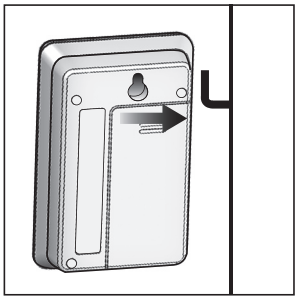
1. Slide open the battery door.
2. Slide channel switch to channel 1.
3. Select **EU/UK**. (RTHN318D only)
4. Insert the battery, matching the polarities (+ / -).
5. Press **RESET** after each battery change.
6. Close the battery door.
7. Press and hold **SEARCH** on main unit to initiate search and start receiving time and temperature data from the sensor.

The sensor reception icon shows the status:

ICONS	MEANING
	Main unit is searching for sensor(s)
	A sensor channel has been found and logged on
	No sensor found

NOTE After every sensor initialisation, the main unit may take up to 30 minutes to receive the time from the sensor.

8. Secure the sensor in the desired location using the wall mount hole or double sided adhesive tape.



For best results:

- Place the sensor within 30 m (100 ft) of the main unit.
- Place the sensor out of direct sunlight and moisture.
- Position the sensor so that it faces the main unit, minimizing obstructions such as doors, walls and furniture.
- Place the sensor in a location with a clear view to the sky, away from metallic / electronic objects.
- Position the sensor close to the main unit during cold winter months as below-freezing temperatures may affect battery performance and signal transmission.

TIP The transmission range may vary depending on many factors. You may need to experiment with various locations to get the best results.

NOTE Use alkaline batteries for longer usage and consumer grade lithium batteries in temperatures below freezing.

CLOCK

CLOCK RECEPTION

This product is designed to synchronize its clock automatically with a clock signal received from provided remote sensor.

To enable / disable signal reception:
Press and hold ▲ to 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 / NO SIGNAL
	

NOTE Clock reception is dependent on the successful transmission of data from remote sensor. If is displayed, press **RESET** on sensor and press ▲ and ▼ on the main unit and ensure sensor  has been successfully logged.

MANUALLY SET CLOCK

To set the clock manually, disable the clock signal reception first.

1. Press and hold **CLOCK**.
2. Press ▲ / ▼ to change the settings.
3. Press **CLOCK** to confirm.

The settings order is: time zone, 12/24 hr format, hour, minute, year, calendar mode (month – day / day – month), month, day and language.

BAR339DP: Time zone offset sets the clock +/- 23 hours from the received clock signal time.

NOTE If you enter + 1 in the time offset setting, this will give you your local time plus one hour. If you are in the US (BAR339DPA only) set the clock to:

0 for Pacific time +1 for Mountain time
+2 for Central time +3 for Eastern time

NOTE The language options are English (E), Spanish (S), Italian (I), French (F), German (D), and Russian (R).

To select clock display mode:
Press **CLOCK** to toggle between clock with seconds, clock with weekday.

ALARM

To set the alarm:

1. Press and hold **ALARM**.
2. Press ▲ / ▼ to change the settings.
3. Press **ALARM** to confirm.
   indicates alarm is on.

To activate / deactivate alarm:

1. Press **ALARM** to display alarm time.
2. Press **ALARM** again to turn alarm on / off.

To silence the alarm:

- Press **SNOOZE** to silence it for 8 minutes

OR

- Press any key to turn the alarm off and activate it again after 24 hours.

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.

Main unit	Projector	
		Sunny
		Partially Cloudy
		Cloudy
		Rainy
		Snowy

TEMPERATURE

To toggle between indoor / outdoor temperature display:
Press **TEMP**.

To toggle temperature unit:
Press **°C / °F**.

To auto-scan between sensors:
Press and hold **TEMP**.

To deactivate auto-scan function:
Press **TEMP**.

To toggle between current, minimum and maximum records for indoor / outdoor:
Press **MEM** repeatedly.

To clear records:
Press and hold **MEM**.

PROJECTION

This unit projects time, outdoor temperature information and weather forecast for your convenience.

NOTE Install adapter to use projection feature.

To flip projected image by 180°:
- Press **SNOOZE**.

To project weather forecast and time:
- Press **SNOOZE** when PROJECTION switch is in OFF mode

OR

- Slide **PROJECTION** switch to CLOCK mode for continuous display.

To project weather forecast and activate toggling display of time / outdoor temperature:
- Slide **PROJECTION** switch to AUTO mode.

To deactivate projection:
- Slide **PROJECTION** switch to OFF mode.

To focus image:
- Turn **FOCUS** wheel.

NOTE If projection is illuminated, do not look directly into the projector.

BACKLIGHT

To activate continuous backlight:
- Slide **LIGHT – ON / OFF** switch to ON.

To deactivate continuous backlight:
- Slide **LIGHT – ON / OFF** switch to OFF (Press **SNOOZE** to activate LED backlight for 5 seconds).

RESET

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

SPECIFICATIONS

MAIN UNIT

TYPE	DESCRIPTION
L x W x H	142 x 42 x 158 mm (5.59 x 1.65 x 6.22 in)
Weight	270g (9.52 oz) without battery
Power	5V AC adaptor 2 x CR2032 batteries (for backup)

REMOTE RF CLOCK THERMO SENSOR

TYPE	DESCRIPTION
L x W x H	64 x 25 x 98 mm (2.52 x 0.98 x 3.86 in)
Weight	80 g (2.8 oz) without battery
Temperature range	-20°C to 60°C (-4°F to 140°F)
Resolution	0.1°C (0.2°F)
Signal frequency	433 MHz
Transmission range	30 m (98 ft) unobstructed
No. of channels	5
Power	1 x UM-3 (AA) 1.5 V batteries

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 and not as normal household waste.
- 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.

NOTE Features and accessories will not be available in all countries. For more information, please contact your local retailer.

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

EU-DECLARATION OF CONFORMITY

Hereby, Oregon Scientific, declares that this Weather Day & Night (Model: BAR339DP / BAR339DPA / BAR339DPU / BAA339DPH) 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.

COUNTRIES RTTE APPROVAL COMPLIED
All EU 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 visit our website at www2.oregonscientific.com/service for all enquiries.

We

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declare that the product

Product No.:	BAR339DP / BAR339DPA / BAR339DPU / BAA339DPH
Product Name:	Weather Day & Night
Manufacturer:	IDT Technology Limited
Address:	Block C, 9/F, Kaiser Estate, Phase 1, 41 Man Yue St., Hung Hom, Kowloon, Hong Kong

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