

PRYSMAchrome

Weather Station Make Temperature
Fly in Bold Colours!

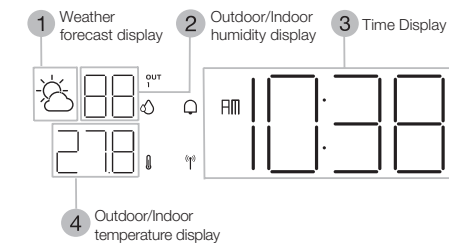
BAR292/BAR292A

EN

INTRODUCTION

Thank you for selecting the Oregon Scientific™ PRYSMAchrome Weather Station. This device bundles precise time keeping, alarm, and temperature monitoring features into a single tool you can use from the convenience of your home. 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.

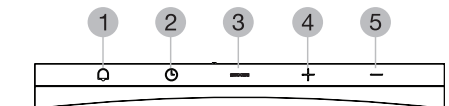
LCD DISPLAY



Icon	Description
	In humidity display area (2): Low battery in remote sensor In time display area (3): Low battery in main unit backup battery (CR2032).
	Remote sensor channel number
	Temperature/humidity auto-loop indicator
	Indoor temperature/humidity indicator
	Humidity display indicator (%)
	Temperature display indicator (°C/°F)
	Alarm is on.
	RCC signal reception indicator

OVERVIEW

TOP VIEW



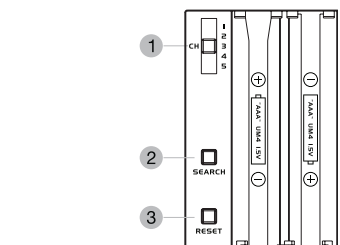
- Q** - Press to toggle the alarm display and alarm on/off. Press and hold to enter alarm setting.
- O** - Press to toggle between time and date display. Press and hold to enter the setting.
- SNOOZE** - Tap to snooze an alarm or activate the brightest backlight for 5 seconds.
- +** - Press to increase the value in setting, or press and hold to increase a value rapidly in setting. Press to toggle the remote sensor channels in ascending order, or press and hold to search for the remote sensor.
- - Press to decrease the value in setting, or press and hold to decrease a value rapidly in setting. Press to toggle the remote sensor channels in descending order, or press and hold to remove selected remote sensor.

REAR VIEW



- RESET** - Press to reset the unit to default.
- RCC** - Press to turn on the RCC signal reception. Press and hold to turn off.
- Micro USB** - Micro USB power jack
- T/F** - Press to toggle the temperature unit.
- LIGHT** - Press to toggle the backlight brightness level. Press and hold to set the back light color.

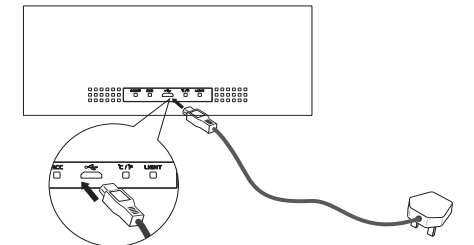
Remote sensor



- CH** Channel 1-5. If more than one sensor is being used, make sure each one has a different channel number.
- SEARCH** Press to search for RCC function.
- RESET** Press if the sensor is not working correctly, after battery replacement or channel change.

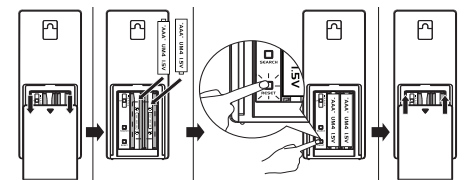
GETTING STARTED

Connecting the main unit to power supply



Connect the power cable to the Micro USB jack and plug the power adaptor into a suitable power outlet.

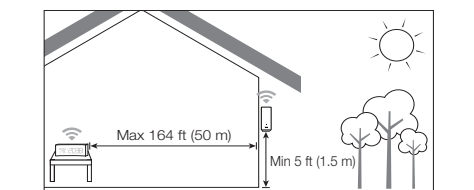
Inserting batteries into remote thermo sensor



- Slide down the battery compartment cover to open, then insert 2 "AAA" batteries, matching the polarity as shown.
- Press **RESET**. Slide to replace the battery compartment cover.

- NOTE** The main unit can connect up to 5 sensors. Press and hold + on the main unit to search for the remote sensor every time after adding a new sensor.
- Placement of the main unit**
- Place the device as far as possible from computers and microwaves to avoid any interference.
 - Only use this device indoors in a dry location.
 - Leave space around the device for ventilation purposes.
 - To ensure for good sound quality, do not cover the speaker.

Placement of the remote thermo sensor



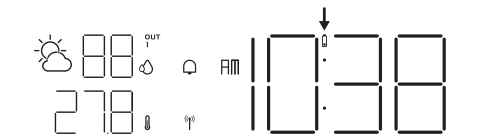
Place your sensor outside the home at a height of not less than 5 ft (1.5 m), shielded from direct sunlight or wet conditions.

- The **OUT** icon on the main unit flashes while searching the signal from the remote sensor.

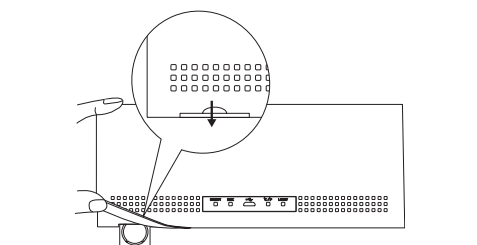
NOTE The radio signal reaches up to 164 ft (50 m) depending on conditions of surrounding.

Replacing CR2032 backup battery

This unit is equipped with a CR2032 battery as a backup power source to recover the clock and alarm settings when reconnected to mains supply. When the main unit shows **Q**, replace the CR2032 backup battery.



To replace a CR2032 backup battery



- Open up the bottom left corner of the rubber cover, then gently push the arched part of the backup battery door downwards as shown above.
- Replace the CR2032 backup battery to the compartment, then push the battery compartment back into the main unit. Connect the main unit to the power supply and then press **RESET**.

NOTE When replacing the backup battery, flip the bottom left corner rubber cover only. Do not remove the entire rubber cover.

TEMPERATURE SENSITIVE LCD DISPLAY

The LCD display changes colors according to the temperature of the first sensor with the lowest channel number available (e.g. channel 1). If sensor channel 1 is not available, the LCD display will change its color according to the temperature of the next sensor channel (e.g. channel 2) available in ascending order.

You may also set the LCD display color manually by press and hold **LIGHT**, then press **+** or **-** to toggle between the desired color number, or choose **Auto** to change colors according to the temperature.

Outdoor Temperature (Channel 1)	Color	Color number
≤ 5.9 °C	Purple	1
6 °C - 10.9 °C	Blue	2
11 °C - 15.9 °C	Pale blue	3
16 °C - 20.9 °C	Green	4
21 °C - 25.9 °C	Yellow	5
26 °C - 30 °C	Orange	6
≥30.1 °C	Red	7

- Tab **SNOOZE** to activate the brightest backlight (LV. 3) display for 5 seconds.
- Press **LIGHT** repeatedly to toggle the desired backlight display brightness level (LV. 1/LV. 2/LV. 3).
- The unit might take some time to change its LED display color.

RADIO RECEPTION

This unit is designed to automatically synchronize its calendar and clock when brought within the range of the radio signal. The main unit is able to receive RF clock data in different RCC signals from the sensors depend on the region:

Region	Signal
EU	DCF
UK	MSF
US	WWVB

Depending on the strength of the signal, the connection process takes 2 to 10 minutes. If the signal is weak, it could take up to 24 hours to receive a valid signal.

Symbol	Description
	RCC is off
	RCC Time is received
	No RCC signal received

NOTE The default time zone setting is Central (**C**) for the US and **-0** for the EU/UK. Check your time zone setting before receiving the RCC signal.

SETTING TIME MANUALLY

- Press and hold **O**. The screen displays **ZONE** and the number flashes.
- Press once or press and hold **+** or **-** to adjust the setting. For EU/UK, the time-zone offset sets the clock up to +/- 23 hours from the received clock signal time. For US, the time-zone setting is Central (**C**); Eastern (**E**); Atlantic (**A**); Newfoundland (**N**); Pacific (**P**); Mountain (**M**).
- Press **O** to confirm.
- Press once or press and hold **+** or **-** to adjust the setting for 12/24 hour format, hour, minute, year, calendar format (month-day/day-month), month, date and daylight saving time (**DST**) auto/off.
- Press **O** again to confirm.

NOTE

- The daylight saving time (**DST**) setting is available for the United States only.
- The RCC and daylight saving time (**DST**) are disabled when the time/year, month or date is changed in the setting. The DST is also disabled when the RCC is turned off. If you turn the RCC back on, the DST resumes from the last setting.
- While in the setting mode, press and hold **O** to save the settings and return to idle.

ALARM FUNCTION

Setting/adjusting alarm time

- Press and hold **Q**.
- Use **+** and **-** to adjust the hour and press **Q** to confirm.
- Use **+** and **-** to adjust the minute and press **Q** to confirm.
- The alarm icon displays in idle. When the alarm sounds, it lasts for 2 minutes.

NOTE While in the alarm setting mode, press **O** to save the settings and leave the alarm setting mode.

Snooze function

- To use the snooze function, press the **SNOOZE** on top of the clock when the alarm sounds. The alarm will stop and start again after 8 minutes.

Activating/deactivating the alarm

- Press **Q** to turn on the alarm, press twice to turn off the alarm.
- When the alarm sounds, press **Q** to stop the alarm. The alarm will reactivate on the next day.

WEATHER FORECAST

This product forecasts the next 12 hours of weather in nearby area.

Screen display	Description
	Sunny
	Partly cloudy
	Cloudy
	Rainy
	Snowy

TEMPERATURE AND HUMIDITY FUNCTION

The current outdoor/indoor temperature and humidity indicators locate at top and bottom left of the screen. To receive outdoor temperature and humidity information, you can connect up to 5 remote sensors to the main unit.

- Press **+** or **-** to toggle sensor display.

NOTE When the indoor temperature is lower than -5 °C (23.0 °F), the screen displays **LLL**. When it is higher than 50 °C (122.0 °F), the screen displays **HHH**.

When the indoor relative humidity is lower than 25%, the screen displays **LL**. When it is higher than 95%, the screen displays **HH**.

To auto-loop between sensors:

Press **+** or **-** repeatedly until **Q** displays. The data on each sensor displays for 3 seconds. Press +/- again turn off the auto-loop, the **Q** icon turns off.

NOTE The sensor displays in ascending order. The main unit skips the absent sensor and advances to the next present sensor.

To search for remote sensors:

Press and hold **+**.

To remove selected sensor:

Press and hold **-**.

TROUBLESHOOT

Problem	Reason	Solution
The main unit does not display at all.	The main unit is not connected to the power outlet.	Make sure the main unit is connected with the power adapter.
The outdoor display area is blank.	The outdoor sensor is removed.	Reconnect the outdoor sensor.
The outdoor display area displays ---.	The main unit is unable to receive data from the remote sensor.	Check the connection between the main unit and the sensor.
The main unit does not receive RCC signal.	The RCC signal reception might experiencing interference.	Make sure both main unit and the sensor are ready to receive the RCC signal. Press SEARCH on the sensor and press RCC on the main unit to turn on the RCC signal reception.
The main unit does not display properly.	The main unit is unable to receive data from the remote sensor.	Press RESET to reset the main unit.

PRECAUTIONS

- Do not subject the unit to excessive force, shock, dust, temperature or humidity.
- 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 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. To download an electronic copy of this user manual, please visit <http://global.oregonscientific.com/customerSupport.php>.

SPECIFICATIONS

MAIN UNIT

L x W x H	22 x 200 x 80 mm
Weight	224 g without batteries
Temperature range	-5.0 °C to +50.0 °C (23.0 °F to 122.0 °F)
Temperature accuracy	0°C to 40°C: ±1°C (± 2.0°F) T<0°C : ±2°C (± 4.0°F) T>40°C : ±2°C (± 4.0°F)
Temperature resolution	0.1°C (0.2°F)
Relative humidity measurement	25% to 95% RH
Humidity accuracy	40% to 80% RH: ±5% 25% to 40% RH: ±7% 80% to 95% RH: ±7%
Power	5V adapter CR2032 backup battery

REMOTE UNIT (RTGN130/RTGN130A)

L x W x H	125 x 50 x 19.5 mm
Weight	59 g without batteries
Transmission range	50 m (164 ft) unobstructed
Temperature range	-20 °C to 60 °C (-4 °F to 140 °F)
Temperature accuracy	0°C to 40°C: ±1°C (± 2.0°F) T<0°C : ±2°C (± 4.0°F) T>40°C : ±2°C (± 4.0°F)
Temperature resolution	0.1 °C (0.2 °F)
Relative humidity measurement	25% to 95% RH
Humidity accuracy	40% to 80% RH: ±5% 25% to 40% RH: ±7% 80% to 95% RH: ±7%
Signal frequency	433 MHz
No. of channel selectable	5

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.

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:	Brea Corporate Park 3020 Saturn St. Suite 200 Brea, CA 92821 1-800-853-8883
Telephone No.:	

declare that the product	BAR292/BAR292A
Product No.:	PRYSMAchrome
Product Name:	IDT Technology Limited
Manufacturer:	Block C, 9/F, Kaiser Estate, Phase 1, 41 Man Yue St., Hung Hom, Kowloon, Hong Kong
Address:	

EU-DECLARATION OF CONFORMITY

Hereby, IDT Technology Limited, declares that this PRYSMAchrome Weather Station (Model: BAR292/BAR292A) is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. A copy of the signed and dated Declaration of Conformity is available on request via our Oregon Scientific Customer Service.



COUNTRIES RED APPROVED COMPLIED
All EU countries, Switzerland (GB) and Norway (N)

DISPOSAL 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 2006/66/EC 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.



ОСНОВНЫЕ ЭЛЕМЕНТЫ УСТРОЙСТВА

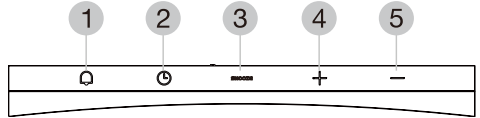
1 Прогноз погоды

2 Наружная / комнатная влажность

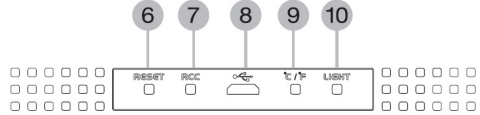
3 Время

4 Наружная / комнатная температура

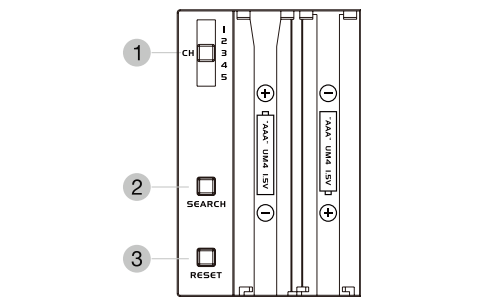
ВИД СВЕРХУ



ВИД СЗАДИ



ДИСТАНЦИОННЫЙ ДАТЧИК

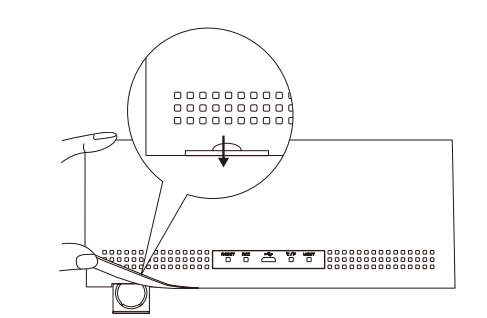


НАЧАЛО РАБОТЫ

УСТАНОВКА БАТАРЕЕК ДИСТАНЦИОННОГО ДАТЧИКА

РАЗМЕЩЕНИЕ ОСНОВНОГО УСТРОЙСТВА


РЕЗЕРВНОЕ ПИТАНИЕ



ЦВЕТА ДИСПЛЕЯ

Температура (канал 1)	Цвет	Номер цвета
≤ 5,9 °C	Фиолетовый	1
6 – 10,9 °C	Синий	2
11 – 15,9 °C	Голубой	3
16 – 20,9 °C	Зеленый	4
21 – 25,9 °C	Желтый	5
26 – 30 °C	Оранжевый	6
≥ 30 °C	Красный	7

ПРИЕМ СИГНАЛА ТОЧНОГО ВРЕМЕНИ

Пиктограмма	Описание
	Прием сигнала отключен
	Сигнал принимается
	Сигнал не найден

Нажмите и удерживайте кнопку **Будильник**.
Используйте кнопки + и – для установки часа и минут срабатывания сигнала. Каждую настройку подтверждайте нажатием кнопки **Будильник**.

Нажмите кнопку **ДРЕМАТЬ (SNOOZE)** во время звучания сигнала будильника для остановки сигнала и его последующего возобновления через 8 минут.

Нажмите кнопку **Будильник** для включения будильника, двукратное нажатие приведет к выключению будильника.

Во время звучания сигнала нажмите кнопку **Будильник** для отключения сигнала и его срабатывания в заданное время на следующий день.

Устройство способно прогнозировать погоду на ближайшие 12 часов в той местности, где оно расположено.

Пиктограмма	Описание
	Ясно (безоблачно)
	Переменная облачность
	Облачно
	Дождь
	Снег

Нажмите и удерживайте кнопку – .

ОСНОВНОЕ УСТРОЙСТВО	
Размеры, мм	22 x 200 x 80
Вес без батареек, г	224
Единицы измерения температуры	°C / °F
Диапазон измерения температуры, °C	-5 ... +50
Шаг измерения температуры, °C	0,1
Диапазон измерения влажности, %	25 ... 90
Питание	Сетевой адаптер (в комплекте)

Размеры, мм	125 x 50 x 19,5
Вес без батареек, г	59
Единицы измерения температуры	°C / °F
Шаг измерения температуры, °C	0,1
Диапазон измерения температуры, °C	-40 ... +60
Диапазон измерения влажности, %	25 ... 90
Частота передачи сигнала, МГц	433,92
Количество каналов	5

Конструкция устройства обеспечивает долгие годы его бесперебойной работы при условии надлежащего с ним обращения. Ниже приводятся несколько правил эксплуатации устройства.

- Запрещается прикладывать к корпусу устройства чрезмерные усилия. Не подвергайте устройство воздействию сильных сотрясений, пыли, а также резких перепадов температуры и влажности. Указанные воздействия могут привести к сокращению срока службы устройства, к выходу из строя его батареек, а также к повреждению его частей. Не закрывайте вентиляционные отверстия.

- Категорически запрещается погружать устройство в воду. В случае попадания воды на корпус устройства необходимо немедленно стереть ее с помощью мягкой ткани без ворсинок.

- Запрещается использовать для чистки устройства едкие и абразивные моющие вещества.

- Запрещается разбирать устройство. При этом вы потеряете право на гарантийное обслуживание. Помимо этого, подобные действия могут стать

Из-за ограничений печатных технологий вид дисплеев, изображенных в руководстве, может отличаться от их оригинального вида.

Посетите сайт www.oregonscientific.com (на русском языке: www.oregonscientific.ru) для получения сведений о других продуктах компании Oregon Scientific, таких как цифровые фотоаппараты, MP3-плееры, проекционные часы, приборы для занятия фитнесом и спортом, погодные станции, детские электронные обучающие и игровые устройства, цифровые телефоны, работающие в режиме конференций.

настоящим компания Oregon Scientific заявляет, что погодная станция с цветным дисплеем, модель SAR292, соответствует основным требованиям директивы ЕС 2014/53/EU. Копия подписанной и датированной декларации соответствия предоставляется отделом обслуживания клиентов по запросу потребителя.



Страны, на которые распространяется директивы Европейского сообщества по вопросу окончного радио- и телекоммуникационное оборудование:

Все страны Европейского союза, Швейцария (CH) и Норвегия (N).

Срок службы устройства – 2 года.

Уважаемый Пользователь! Сообщаем Вам, что данное устройство прошло декларирование о соответствии требованиям ТР ТС, действующим на момент ввоза на территорию Таможенного Союза.