



**Wake-up Vibration Alarm**  
**Model : VR101**  
**User Manual**



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## INTRODUCTION

Thank you for selecting the Oregon Scientific™ Wake-up Vibration Alarm (VR101) as your product of choice. This device is designed to give you many years of reliable service.

This vibration device can work with the following Oregon Scientific clocks:

- RM818P
- RM998P
- RMR939P

## KEY FEATURES

The vibration device is a wireless wake-up vibrating device with an 8-minute snooze function.

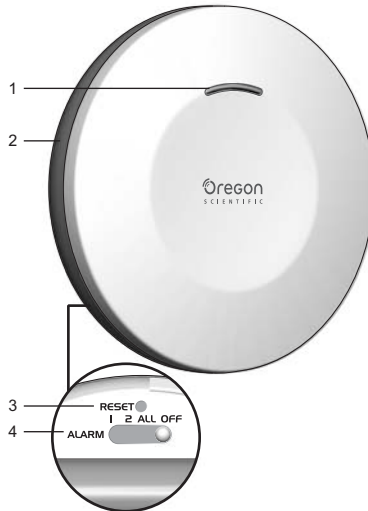
**NOTE** Keep this manual handy as you use your new product. It contains practical step-by-step instructions, safety and care information, technical specifications and warnings you should know. Read the manual thoroughly, and keep it in a safe place in case you need to refer to it.





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## FRONT (AND BACK) VIEW



The VR101 Vibration device features:

### 1. LED Indicator

- When flashing green it shows data is transmitting; when flashing red it shows the battery is low).

### 2. Back cover

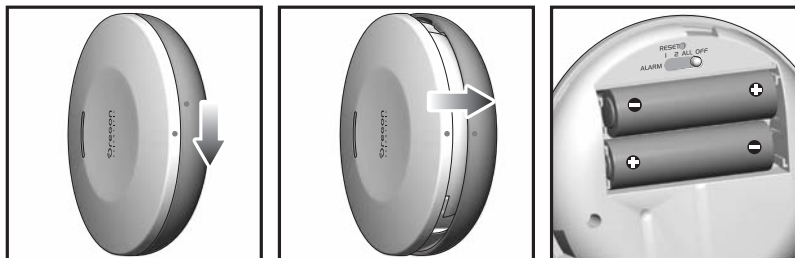
- Remove the back cover by turning counterclockwise to see the Alarm switch, Reset hole and battery compartment.

### 3. Reset hole

- Returns all settings to default values.

### 4. ALARM 1 / 2 / ALL / OFF button

- Slide to toggle between the following alarm modes:
  - Alarm 1 On
  - Alarm 2 On
  - Alarm 1 & 2 On
  - Alarm 1 & 2 Off



- **Battery compartment**
- To remove the back cover, turn counter-clockwise.
- The unit uses 2 AA / UM-3 1.5V batteries for power.



## SAFETY & CARE INSTRUCTIONS

### SAFETY PRECAUTIONS

Please observe the following safety precautions when setting up and using this product.

- Heat sources-Keep the product away from heat sources, such as radiators, stoves, heaters, and other heat-generating products.
- Water and moisture-Do not use the product in or near water or in high moisture areas, such as a bathroom.

### CARING FOR YOUR PRODUCT

To ensure you receive the maximum benefit from using this product, please observe the following guidelines:

- Cleaning-Use a damp cloth. Do not use liquid cleaning agents, benzene, thinner, or aerosols.
- Ventilation-The vents and other openings are designed for ventilation, and should not be blocked or covered.
- Blocking the vents can cause the product to overheat, and can damage the unit.
- Repair-Do not attempt to repair the product or modify the circuitry by yourself. Contact the retailer or a qualified repairman if the product requires servicing. Only use replacement parts that are recommended by the manufacturer.
- Do not scratch hard objects against the LCD display as this may cause damage.

## GETTING STARTED

### UNPACKING THE PRODUCT

When you unpack your clock, make sure to keep all the packing materials in a safe place, in case you need to later transport or return it for servicing.

The following items should be included in this package:

- Batteries
- Vibrating device
- User manual

### BATTERIES

**NOTE** Please note that the batteries will be packed separately and not installed in the unit.

To load the batteries:

1. Rotate off the battery cover by turning it counter-clockwise.
2. Install the batteries by matching the correct polarity. Always use the correct battery type (2 UM - 3 AA - sized 1.5V batteries).
3. Replace the battery cover by rotating it in reverse direction (clockwise).

**WARNING** Reversing the polarity may damage the product.

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**NOTE** Replace the batteries whenever the LED indicator turns to a red color as this color shows that the batteries are low. Replace all the batteries at the same time - it is dangerous to mix old and new batteries.

Contact your local waste disposal authority for instructions on how to dispose of used batteries. Used batteries can be harmful to the environment, and should not be thrown out with household trash.

#### BATTERY DETECTION

If the battery voltage level is low, the LED indicator on the vibrating device will be flashing in red.

#### THE VIBRATION WAKE-UP DEVICE

The vibrating wake-up device receives a signal from the main unit and performs a wake-up function by vibrating. It is designed to go under your pillow.

The device has a range of roughly 15 meters and has an LED meter to show data transmission and battery level.

The switch within the vibrating device can adjust to alarm 1 or alarm 2, or both. Simply select the alarm time when you want the device to wake you up.



**NOTE** The vibrating device is powered by two "AA" 1.5V alkaline batteries, which are included. It is also compatible with rechargeable batteries (not included).

### THE ALARM FUNCTION

#### BASIC FUNCTIONS

To have the vibration alarm function, remember to activate the vibration alarm in the main unit, and to match the settings in the vibration device.

When the alarm in the vibration device goes off, you can turn the vibration off by pressing any button on the main unit.

**NOTE** The alarm will automatically stop vibrating after 1.5 minutes.

#### DISPLAYING THE ALARM TIME

By default, the main unit's LCD screen displays the current date and month.

To display the alarm time to set the alarm time and to activate the alarm, please consult the user manual included with the Oregon Scientific main unit.



## THE SNOOZE FUNCTION

While the alarm goes off, press the **SNOOZE / LIGHT** button on the main unit to stop the Alarm and enable the Snooze function.

When the Snooze function is enabled, the Snooze alarm will last between 8 and 9 minutes. Also, the snooze function will be disabled if 1) the clock time is changed; 2) or the alarm **ON / OFF** button is pressed.

**NOTE** When the Snooze function is enabled, the Bell Icon will be flashing at 1Hz.

If the clock behaves strangely or stops responding, insert and press a blunt stylus into the vibration device's Reset Hole. (This is located inside the vibration device. Remove the back of the vibration device just above the Alarm 1, Alarm 2, All switch and above the battery compartment).

Simply insert a blunt stylus to reset the unit's settings.

## THE RESET HOLE



## TROUBLESHOOTING GUIDE

### BASIC FUNCTIONS

This section includes a list of frequently asked questions for problems you may encounter. If your device is not operating as you think it should, check here before arranging for servicing.

**Problem:** No alarm.

**Symptom:** Alarm does not vibrate.

**Check this:** Alarm is disabled.

**Remedy:** Turn on the alarm setting.

**Problem:** Operation is not normal.

**Symptom:** Certain functions do not perform.

**Check this:** Device requires reset.

**Remedy:** Reset the unit with a blunt stylus pressed against the Reset Hole.



## SPECIFICATIONS

**Dimensions (diameter x height):** 90 x 21mm  
(3.54 x 0.83 inches).

**Weight:** 80g (0.18 lbs) without batteries.

**Alarm Duration:** 1.5 minutes.

**Power supply:** 2 x UM-3 / AA 1.5V batteries  
(compatible with rechargeable batteries - not included).

**Operation temperature:** -5°C to +50°C (23°F to 122°F).

**RF Frequency:** 433 MHz.

**Transmission Range:** up to 15 meters in open areas.

## WARNINGS

To ensure you use your product correctly and safely, read these warnings and the entire user manual before using the product.

The warnings given here provide important safety information and should be observed at all times.

### WARNINGS

- Do not attempt to repair the product yourself. Contact the retailer or our customer service department if it requires servicing.

- Take precautions when handling all battery types. They can cause injuries, burns, or property damage as a result of contact with conducting materials, heat, corrosive materials or explosives. Remove the batteries before storing the product for long periods of time.
- The product is a precision instrument. Never attempt to take this device apart. There is a serious danger of powerful electric shocks.
- Do not immerse the device in water.
- Do not, under any circumstances, touch the exposed electronic circuitry of the device as there is a danger of electric shock should it become exposed.
- Do not use or store the device, including the remote sensor, in locations that may adversely affect the product such as rain, snow, desert, and magnetic fields.



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## ABOUT OREGON SCIENTIFIC

Visit our website ([www.oregonscientific.com](http://www.oregonscientific.com)) to learn more about Oregon Scientific products such as digital cameras; MP3 players; children's electronic learning products and games; projection clocks; health and fitness gear; weather stations; and digital and conference phones. The website also includes contact information for our customer care department in case you need to reach us, as well as frequently asked questions and customer downloads.

We hope you will find all the information you need on our website, however if you'd like to contact the Oregon Scientific Customer Care department directly, please visit [www2.oregonscientific.com/service/support](http://www2.oregonscientific.com/service/support) or call 949-608-2848 in the US. For international enquiries, please visit [www2.oregonscientific.com/about/international/default.asp](http://www2.oregonscientific.com/about/international/default.asp).

## EC-DECLARATION OF CONFORMITY

This product contains the approved transmitter module that complies with the essential requirements of Article 3 of the R&TTE 1999 / 5 / EC Directive, if used as intended and the following standards have been applied:

### Safety of information technology equipment

(Article 3.1.a of the R&TTE Directive)

Applied Standard

**EN 60950 : 2000**

### Electromagnetic compatibility

(Article 3.1.b of the R&TTE Directive)

Applied Standards

**ETSI EN 301 489-1-3 (Ver.1.4.1) : 2002-08**

### Efficient use of radio frequency spectrum

(Article 3.2 of the R&TTE Directive)

Applied Standards

**ETSI EN 300 220-3 (Ver1.1.1) : 2000-09**

Additional information:

The product herewith complies with the requirements of the Low Voltage Directive 73 / 23 / EC, the EMC Directive 89 / 336 / EC and carries the CE marking accordingly.

Carmelo Cubito

Agrate Brianza (MI) / Italy January 2004

Manufacturer's EU R&TTE Representative



**COUNTRIES RTTE APPROVAL COMPLIED**

All EC countries, Switzerland **(CH)**

and Norway **(N)**



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