

**RF Projection Clock with Weather Station and FM Radio**

Model: BARM969P / BARM969PA

**USER MANUAL**

EN

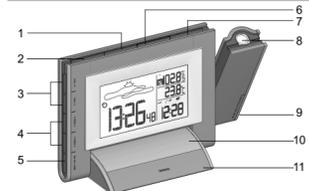
**INTRODUCTION**

Thank you for selecting the Oregon Scientific™ RF Projection Clock with Weather Station and FM Radio (BARM969P / BARM969PA).

**NOTE** Please 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 about.

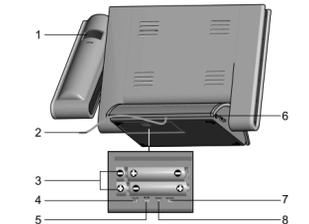
**OVERVIEW**

**FRONT VIEW**



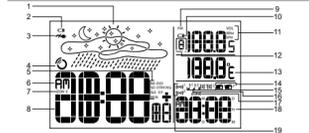
- RADIO:** Turn radio ON / OFF
- SLEEP:** Activate sleep function
- VOL + / VOL -:** Change volume; increase / decrease setting; activate / deactivate clock reception signal; change soothing sound
- TUNE + / TUNE -:** Change radio frequency
- STATION:** Toggle preset radio stations
- MODE:** Change settings / display
- ALARM:** View alarm status; set alarm
- Projector:** Project time and alarm status; change projection angle
- PROJECTION ON ▼:** Turn continuous projection ON / OFF
- Speaker**
- SNOOZE:** Turn on snooze and / or backlight and projector

**BACK VIEW**



- FOCUS:** Focus the projected image
- FM radio antenna**
- Battery compartment**
- EU / UK (BARM969P only):** Select nearest clock reception signal base i.e. England or Germany
- °C / °F:** Select temperature unit °C / °F
- AC adapter socket**
- MELODY ON / OFF:** Turn melody sound on the main unit ON / OFF
- RESET:** Reset unit to default settings

**LCD DISPLAY**

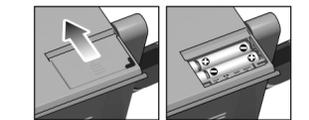


- Weather forecast
- Main unit battery is low
- AC adapter is disconnected
- Clock signal reception
- FM radio / sleep time / soothing sound is active
- AM / PM for 12-hour clock
- Offset time zone
- Time
- FM radio
- Radio power source is low (plug in adapter)
- Radio volume / frequency
- Preset station (1-8)
- Indoor temperature
- Radio alarm 1 / 2 is on / off
- Vibration alarm 1 / 2 is on / off (optional)
- Melody alarm 1 / 2 is on / off
- Time zone calendar
- Calendar / alarm time
- Alarm 1 or 2 is displayed

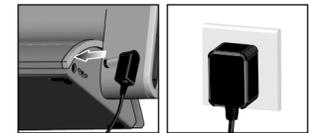
**GETTING STARTED**

**POWER**

Insert batteries before first use, matching the polarity (+ and -).



For continuous use of the projector, install the adapter.



**NOTE** To conserve power, slide **PROJECTION ON ▼** to the OFF position.

ICON	MEANING
	Batteries are low, or there are no batteries installed and only the adapter is connected
	Adapter is not connected

**CLOCK**

**CLOCK RECEPTION**

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

- BARM969P**
  - DCF-77 generated from Frankfurt, Germany for Central Europe
  - MSF-60 generated from Rugby, England
- The radio signal range is 1500 km (932 miles).

- BARM969PA**
  - WWVB-60 generated from the atomic clock in Fort Collins, Colorado
- The radio signal range is 3219 km (2000 miles).

**BARM969P only** – slide the **EU / UK** switch to the appropriate setting based on your location. Press **RESET** whenever you change the selected setting.

The reception icon will blink when it is searching for a signal. If the radio signal is weak it can take up to 24 hours to get a valid signal reception.

STRONG SIGNAL	WEAK SIGNAL	NO SIGNAL

For best reception, place the clock away from metal objects and electrical appliances and near a window.

**To enable / disable the clock signal reception:** Press and hold **VOL + / VOL -** for 2 seconds. **⏻** appears when it is enabled.

**SET CLOCK**

To manually set the clock make sure the clock signal reception is disabled.

**To manually set the clock:**

- Press and hold **MODE** for 2 seconds.
- Press **VOL + / VOL -** to change the settings.
- Press **MODE** to confirm.
- The setting sequence is: Time zone, 12 / 24 hour format, hour, minute, year, day / month format, month, day and display language.

**NOTE BARM969P only** – When an offset hour has been set (e.g. +1), the time displayed will be the radio-controlled clock time plus 1 hour.

**NOTE BARM969PA only** – The time zone options are (P) Pacific, (M) Mountain, (C) Central and (E) Eastern.

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

- To switch the clock display, press MODE:**
- Clock with seconds
  - Clock with day
  - Clock with time zone offset

**ALARM**

The clock has 2 alarms that can be set to sound the radio, 1 of 6 melodies or vibrate.

- To set an alarm:**
- Press **ALARM** to toggle between the alarm displays and select either alarm 1 or 2.
  - Press and hold **ALARM** for 2 seconds.
  - Press **VOL + / VOL -** to change the settings.
  - Press **ALARM** to confirm.
  - The setting sequence is: Hour, minute, alarm type and alarm volume. If you select the radio alarm as your alarm type, you will need to press **STATION** to select a preset station and **ALARM** to confirm.

**NOTE** "⏻" appears when the alarm is not activated. **Alarm status:** The alarm icons show which alarm has been set.

ICON	MEANING
	Melody alarm
	Vibration alarm (optional)
	Radio alarm
	Melody alarm with vibration alarm
	Radio alarm with vibration alarm
No icons	No alarm is set

**NOTE** The vibration alarm vibrates for 1.5 minutes.

**NOTE** Slide **MELODY ON / OFF** to the OFF position to mute the main unit melody alarm and soothing sound.

**To activate or deactivate the alarm:**

- Press **ALARM** to select alarm 1 or 2.
- Press **VOL + / VOL -** to activate / deactivate it.

- To silence the alarm:**
- Press **SNOOZE** to silence the alarm for 8 minutes. OR
  - Melody alarm only – press any key except **SNOOZE**.
  - Radio alarm only – press **RADIO**.

**WEATHER FORECAST**

This product forecasts the weather for the next 12 to 24 hours within a 30-50 mile (19-31 mile) radius, with 70-75% accuracy.

SUNNY	PARTLY CLOUDY
Day / Night	Day / Night
RAINY	CLOUDY

**TEMPERATURE**

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

**FM RADIO**

The unit can store up to 8 preset stations. To conserve power, the FM radio only works when the AC adapter is plugged in.

**To use the radio:**

Turn radio ON / OFF	Press <b>RADIO</b>
Change volume	Press <b>VOL + / VOL -</b>
Change frequency	Press <b>TUNE + / TUNE -</b>
Enable auto-search	Press and hold <b>TUNE + / TUNE -</b>
Stop auto-search	Press any key
Store a channel	Press and hold <b>STATION</b>
Scroll through stored channels	Press <b>STATION</b>

**SLEEP / SOOTHING SOUNDS**

The sleep function with soothing sounds or radio can be set to play through the main unit and vibration device (VR201) to help lull you to sleep.

- To set the unit to sleep:**
- Press **SLEEP** repeatedly to set the sound to turn off after 15, 30, 60, 90 or 120 minutes. When 0 minutes is selected the sleep timer will automatically turn off after a few seconds.
  - To play the radio instead of the soothing sound when during the sleep timer, turn the radio on first and then press **SLEEP** to select the time.

OR

- Press **SLEEP**, this will automatically activate the last setting you used.

To change the volume, press **VOL + / VOL -** when sleep has been activated (0=low, 7=high).

To change the soothing sound, press and hold **SLEEP** and use **VOL + / VOL -**. Then set the sleep function.

**PROJECTOR**

Press **SNOOZE** to project the time and alarm status for 5 seconds.

To use the projector continuously, plug in the adapter and slide the **PROJECTION ON** switch down to the ON position (slide up to turn OFF).

Adjust the **FOCUS** knob to make the image clearer. Manually tilt the projection unit to position the image. To flip the image 180°, press **SNOOZE** when the projection is active.

**BACKLIGHT**

Press **SNOOZE** to turn on the backlight for 5 seconds.

**RESET**

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

**VIBRATION WAKE-UP ALARM VR101 / VR201 (OPTIONAL)**

The projection clock works with the optional vibrating wake-up alarm (sold separately), which can be placed under your pillow or up to 15 meters away from the main unit and performs a wake-up function by vibrating. Simply select the alarm time when you want the vibration device to wake you up.

The sleep function can be used with the VR201 so you can listen to the soothing sounds or radio while you fall asleep.

**PRECAUTIONS**

This product is engineered to give you years of satisfactory service if you handle it carefully. Here are a few precautions:

- Placement of this product on wood surfaces with certain types of finishes, such as clear varnish, may result in damage to the finish. Consult the furniture manufacturer's care instructions for direction as to the types of objects that may safely be placed on the wood surface. Oregon Scientific shall not be responsible for any damage to wood surfaces from contact with this product.
- 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 subject the unit to excessive force, shock, dust, temperature or humidity, which may result in malfunction, shorter electronic life span, damaged battery and distorted parts.
- Do not tamper with the unit's internal components. Doing so will invalidate the warranty on the unit and may cause unnecessary damage. The unit contains no user-serviceable parts.
- Only use fresh batteries as specified in the user's instructions. Do not mix new and old batteries.
- Do not use rechargeable batteries.
- Remove batteries when storing the product for a long time.

- Do not dispose this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.
- Due to printing limitations, the displays shown in this manual may differ from the actual display.
- 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
Dimensions (L x W x D)	120 x 185 x 92 mm (4.7 x 7.3 x 3.6 inches)
Weight	372g (13.1 ounces)
Temperature unit	°C / °F
Indoor temp.	-5°C to 50°C (23°F to 122°F)
Resolution	0.1°C (0.2°F)
Synchronization	Auto or disabled
Clock display	HH:MM
Hour format	12hr / 24hr
Calendar	DD / MM or MM / DD
Weekday in 5 languages	(E, G, F, I, S)
Alarm	2-minute alarm
Radio	PLL FM radio BARM969P – 87.5 to 108 MHz BARM969PA – 88.0 to 108 MHz 4 x UM-4 (AAA) 1.5V batteries or AC / DC 7.5V adapter
Power	

**NOTE** We recommend that you use alkaline batteries with this product for longer performance.

**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're in the US and would like to contact the Oregon Scientific Customer Care department directly, please visit:

[www2.oregonscientific.com/service/default.asp](http://www2.oregonscientific.com/service/default.asp)  
OR  
Call 1-800-853-8883.

For international inquiries, please visit:  
[www2.oregonscientific.com/about/international.asp](http://www2.oregonscientific.com/about/international.asp)

**EU-DECLARATION OF CONFORMITY**

Hereby, Oregon Scientific, declares that this RF Projection Clock with Weather Station and FM Radio Model BARM969P 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 APPROVED  
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 call our customer service number (listed on our website at [www.oregonscientific.com](http://www.oregonscientific.com)), or on the warranty card for this product) for all inquiries instead.

We

Name: Oregon Scientific, Inc.  
Address: 19861 SW 95th Ave., Tualatin, Oregon 97062 USA (E, G, F, I, S)

Telephone No.: 1-800-853-8883  
**declare that the product**  
Product No.: BARM969PA  
Product Name: RF Projection Clock with Weather Station and FM Radio

Manufacturer: IDT Technology 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.

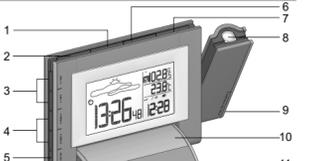
**IT**

**INTRODUZIONE**

Grazie per aver scelto l'Orologio radiocontrollato con proiezione e radio FM (BARM969P / BARM969PA). **NOTE** Si consiglia di tenere questo manuale a portata di mano durante l'utilizzo del prodotto. Il manuale contiene pratiche istruzioni dettagliate, dati tecnici e avvertenze che è necessario conoscere.

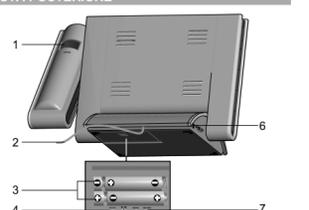
**CARATTERISTICHE PRINCIPALI**

**VISTA ANTERIORE**



- RADIO:** Accensione / spegnimento radio
- SLEEP:** Attivazione funzione sleep
- VOL + / VOL -:** Modifica del volume; aumento / diminuzione impostazione; attivazione / disattivazione segnale ricezione orologio; modifica suono rilassante
- TUNE + / TUNE -:** Modifica frequenza radio
- STATION:** Navigazione tra le stazioni radio presintonizzate
- MODE:** Modifica impostazioni / visualizzazione
- ALARM:** Visualizzazione stato della sveglia; impostazione sveglia
- Projector:** Proiezione dell'ora e dello stato della sveglia; modifica dell'angolazione di proiezione
- PROJECTION ON ▼:** Attiva / disattiva la proiezione continua
- Altoparlante**
- SNOOZE:** Attivazione snooze e / o retroilluminazione e proiezione

**VISTA POSTERIORE**



- FOCUS:** Messa a fuoco dell'immagine proiettata
- Antenna radio FM**
- Vano batterie**
- EU / UK** (solo per il modello BARM969P): Selezione della base più vicina del segnale di ricezione orologio, vale a dire Inghilterra o Germania
- °C / °F:** Selezione unità di visualizzazione della temperatura °C / °F
- Ingresso jack adattatore AC**
- MELODY ON / OFF:** Attivazione / disattivazione melodia dell'unità principale
- RESET:** Ripristino dei valori predefiniti

**DISPLAY LCD**



- Previsioni meteorologiche
- Batteria unità principale in esaurimento
- Adattatore AC non collegato
- Ricezione segnale orologio
- Radio FM / sleep time / suono rilassante attivo
- AM / PM in caso di orologio formato 12 ore
- Differenza di fuso orario
- Orario
- Frequenza Radio FM
- Fonte di alimentazione della radio in esaurimento (inserire adattatore)
- Volume / frequenza radio
- Stazione presintonizzata (1-8)
- Temperatura interna
- Sveglia con radio 1 / 2 attiva / disattiva
- Sveglia a vibrazione 1 / 2 attiva / disattiva solo con sensore remoto opzionale
- Sveglia con melodia 1 / 2 attiva / disattiva
- Calendario fuso orario
- Calendario / Ora sveglia
- Visualizzazioni sveglia 1 o 2

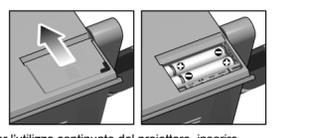
**OPERAZIONI PRELIMINARI**

**ALIMENTAZIONE**

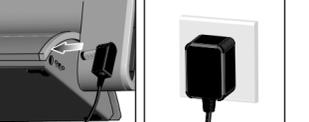
Prima del primo utilizzo, inserire le batterie rispettando la polarità (+ e -).



Per l'utilizzo continuato del proiettore, inserire l'adattatore.



Per l'utilizzo continuato del proiettore, inserire l'adattatore.



**NOTE** Per risparmiare energia, spostare **PROJECTION ON ▼** sulla posizione OFF.

ICONA	SIGNIFICATO
	Le batterie sono in esaurimento, oppure non sono state inserite ed è collegato soltanto l'adattatore.
	L'adattatore non è collegato

**OROLOGIO**

**RICEZIONE OROLOGIO**

Questo prodotto è progettato per sincronizzare automaticamente il proprio orologio quando si trova nel raggio di un segnale radio:

- BARM969P**
  - DCF-77 generato da Francoforte, Germania, per l'Europa Centrale
  - MSF-60 generato da Rugby, Inghilterra
- La distanza massima per il segnale di radiocontrollo è di 1500 KM (932 miglia).

- BARM969PA**
  - WWVB-60 generato dall'orologio atomico di Fort Collins, Colorado
- La distanza massima per il segnale di radiocontrollo è di 3219 KM (2000 miglia).

Solo per il modello **BARM969P** – spostare la levetta **EU / UK** sull'impostazione corretta in base alla propria posizione. Premere **RESET** ad ogni modifica dell'impostazione selezionata.

Quando è in corso la ricerca di un segnale, l'icona della ricezione lampeggia. Se il segnale radio è debole, possono occorrere fino a 24 ore per ricevere un segnale valido.

SEGNALE FORTE	SEGNALE DEBOLE	NESSUN SEGNALE

Per una ricezione migliore, posizionare l'orologio lontano da oggetti metallici e da elettrodomestici e vicino a una finestra.

**Per attivare / disattivare la ricezione del segnale dell'orologio:** Tenere premuto **VOL + / VOL -** per 2 secondi. Una volta attiva, apparirà l'icona

**IMPOSTAZIONE DELL'OROLOGIO**

Per impostare l'orologio manualmente, verificare che la ricezione del segnale dell'orologio sia disattiva.

- Per impostare l'orologio manualmente**