



Easy Thermo Projection Clock
Model: RM622P / RM622PU
User Manual

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INTRODUCTION

Thank you for selecting the Oregon Scientific™ Easy Thermo Projection Clock (RM622P / RM622PU). This device bundles precise time keeping, alarm, and temperature monitoring features into a single tool you can use from the convenience of your home.

In this box, you will find:

- RF projection clock
- Batteries (2 x UM-3 (AA) 1.5V)
- 3.0V AC/DC adaptor with jack

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.

PRODUCT OVERVIEW

FRONT VIEW



The Easy Thermo Projection Clock features:

1. **SNOOZE / LIGHT** button
2. **▲ UP** and **▼ DOWN** keys
3. **MODE** button
4. **MEM** button
5. **🔊 ALARM** button
6. Projector feature
7. LCD display

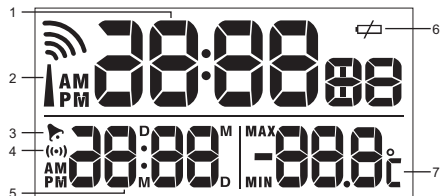
BACK VIEW






From the back view, the Easy Thermo Projection Clock features:

1. **FOCUS** knob
2. **IMAGE ROTATION** knob
3. Power adaptor socket
4. Battery compartment
5. Projector on switch
6. Table stand
7. **RESET** hole

LCD DISPLAY



1. Radio-controlled clock
2. Radio frequency signal
3.  Alarm on icon
4.  Alarm time indicator
5. Alarm time or calendar
6.  Low battery
7. Temperature

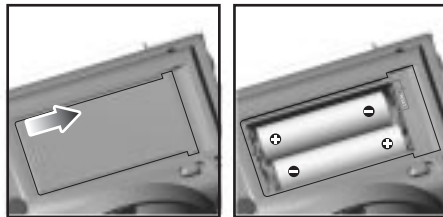
GETTING STARTED

BATTERIES


Batteries are supplied with this product:

2 x UM-3 (AA) 1.5V batteries

Insert batteries before first use, matching the polarity (+ and -) as shown in the battery compartment. Please press **RESET** after each battery change.



NOTE Do not use rechargeable batteries.

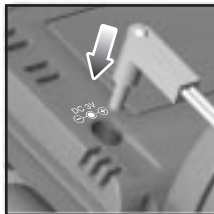
 shows when batteries are low.

NOTE It is recommended that you use alkaline batteries with this product for longer performance.

AC ADAPTOR

The main unit has a 3.0V AC/DC adaptor with jack, which provides continuous clock projection.

Inserting the adaptor:



CLOCK

The clock automatically synchronizes the current time and date when it is brought within range of the radio signal DCF77 generated from Frankfurt, Germany for Central Europe (model RM622P) or MSF60 generated from Rugby, England (model RM622PU).

NOTE Initial reception takes 2-10 minutes, and is initiated when you first set up the unit, and whenever you press **RESET**. Once complete, the reception icon will stop blinking.

TURN CLOCK ON / OFF

To activate the RF signal, press both the ▲ and the ▼ buttons at the same time for 2 seconds.

To deactivate the RF signal, press both the ▲ and the ▼ buttons at the same time for 2 seconds.

NOTE The RF signal icon appears when it is activated and disappears when it's deactivated.

SETTING THE CLOCK MANUALLY

CLOCK MODE

The top line of the clock display shows hours, minutes and seconds / day. The second line shows calendar/ alarm time and indoor temperature.

To toggle between seconds and day display, press the **MODE** button.

CLOCK SETTING MODE

To adjust the clock settings manually without automatic RF synchronization, remember to disable the Radio Reception first.

To change calendar, language, time, day of the week and time settings:

1. Press and hold **MODE** for 2 seconds to enter setting mode.
2. Press **▲** or **▼** to change settings. (To reach the setting you want quickly, press and hold **▲** or **▼**).
3. Press **MODE** to confirm. (Press the **MODE** button again to set day, language, day of the week, hour or minutes).

NOTE Using the **MODE** button, the order of the flashing items is: month, day, language, day of the week, hour, minutes and then exit clock setting mode.

THE ALARM FUNCTION

BASIC FUNCTIONS

When the alarm goes off, you can turn it off by pressing the **⏏** button.

NOTE The alarm will automatically stop ringing after 1 minute. But after 8 minutes, the alarm will sound once more unless the **⏏** button is pressed.

DISPLAYING THE ALARM TIME

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



To display the alarm time instead, press the **⏏** button.



SETTING THE ALARM TIME

To set the alarm time:

1. Press and hold the **⏏** button for 2 seconds. (The alarm time "hour" will flash).
2. Use the **▲** and **▼** buttons to set the hour.
3. Press the **⏏** button again. (The alarm time "minutes" will flash).
4. Use the **▲** and **▼** buttons to set the minutes.
5. Press the **⏏** button to exit the setting alarm time mode.

ACTIVATING / DEACTIVATING THE ALARM


To activate the alarm on, press the  button. (The alarm bell icon  will appear to the left of the alarm time).

To deactivate the alarm, press the  button so the alarm bell icon  disappears.

THE SNOOZE FUNCTION

To use the Snooze function, while the alarm is ringing, press the **SNOOZE / LIGHT** button to stop the alarm sound and activate the Snooze function.

When the Snooze function is enabled, the Snooze period will last 8 minutes.

NOTE The Snooze function will be disabled if the  button is pressed.

NOTE When the Snooze function is enabled, the Bell icon will be flashing.

THE PROJECTOR FUNCTION

The projector displays the time on your ceiling for easy viewing in a darkened room.

ACTIVATING THE PROJECTOR

To turn on the projector:

Press the **SNOOZE / LIGHT** button to activate the projector for 5 seconds.

OR

Slide the **PROJECTION** switch to **ON** to activate continuous projection. However, this function will not work unless the AC/DC adaptor is used.

If the unit is being run on batteries then the **PROJECTION ON** switch does not need to be on. If you hit the **SNOOZE** button then the projection will happen anyway.

To deactivate the projection, slide the **PROJECTION ON** switch to the “off” position.

THE BACKLIGHT

The user can press the **SNOOZE / LIGHT** button at the top of the unit to enable the backlight function.

NOTE The backlight will last for 5 seconds.

INDOOR TEMPERATURE

The temperature is shown in Centigrade (°C). The unit is capable of measuring temperatures within the -5°C and 50°C range.

MAXIMUM AND MINIMUM TEMPERATURES

The maximum and minimum recorded temperatures will be automatically stored in memory.

To display maximum and minimum temperatures, press the **MEM** button to rotate through the maximum, minimum and current temperatures.

The respective "MAX" or "MIN" indicator will be displayed.

To clear the memory, hold down the **MEM** button for two seconds.

The maximum and minimum temperatures will be erased.

NOTE If you press the **MEM** button now, the maximum and minimum temperatures will have the same values as the current ones until different readings are recorded.

RESET SYSTEM

The **RESET** button is located in the main unit battery compartment. Press **RESET** when you change the batteries and whenever performance is not behaving as expected.

SAFETY AND CARE

Clean the product with a slightly damp cloth and alcohol-free, mild detergent. Avoid dropping the product or placing it in a high-traffic location.

WARNINGS

This product is designed to give you years of service if handled properly. Oregon Scientific will not be responsible for any deviations in the usage of the device from those specified in the user instructions or any unapproved alterations or repairs of the product. Observe the following guidelines:

- Never immerse the product in water. This can cause electrical shock and damage the product.
- Do not subject the main unit to extreme force, shock, or fluctuations in temperature or humidity.
- Do not tamper with the internal components.
- Do not mix new and old batteries or batteries of different types.
- Do not use rechargeable batteries with this product.
- Remove the batteries if storing this product for a long period of time.
- Do not scratch the LCD display.

NOTE The technical specification of this product and contents of this user guide are subject to change without notice. Images not drawn to scale.

TROUBLESHOOTING

PROBLEM	SYMPTOM	REMEDY
Calendar	Strange date / month	Change language
Clock clock	Cannot adjust	Disable clock
	Cannot auto-synchronize the date and time	1.Adjust batteries. 2.Press RESET 3.Manually activate clock feature
Temp	Shows "LLL" or "HHH"	Temperature is out-of-range

SPECIFICATIONS

DIMENSIONS

L x W x H 134 x 52 x 82 mm
(5.27 x 2.04 x 3.23 inches)

Weight 162 g (5.71 ounces)
without battery

TEMPERATURE

Unit °C

Indoor Range -5°C to 50°C

Resolution 0.1°C

CLOCK

RF Clock Auto or manual (disabled)

Clock display HH:MM:SS

Hour format 12hr AM/PM
(Model RM622PU)
24hr (Model RM622P)

Calendar DD/MM; weekday in
5 languages (E, D, F, I, S)

Alarm Single alarm with
1-minute crescendo

POWER

Batteries

2 x UM-3 (AA) 1.5V

NOTE It is recommended that you use alkaline batteries with this product for longer performance.

ABOUT OREGON SCIENTIFIC

Visit our website (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 or call 949-608-2848 in the US. For international enquiries, please visit www2.oregonscientific.com/about/international/default.asp.

EC-DECLARATION OF CONFORMITY

This product 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

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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