

# STARCK

WITH



O R E G O N  
S C I E N T I F I C

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**Radio-Controlled Clock with Barometer and  
Projection (Model #: PS-S02/PS-S02U)**

**User Manual**

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## **ABOUT THIS GUIDE**

Congratulations on your selection of the Philippe Starck with Oregon Scientific Radio Controlled Clock with Barometer and Projection (PS-S02/PS-S02U). This powerful device bundles time keeping, alarm, barometric trend, weather forecast, and projector features into a single tool you can use from the convenience of your home.

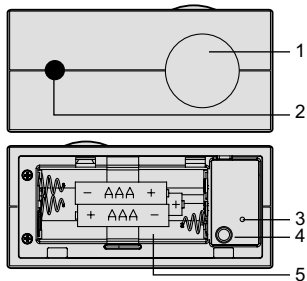
Keep this manual handy as you use your new product. It contains practical step-by-step instructions, as well as technical specifications and warnings you should know.

In this box, you will find:

- Main unit
- Batteries
- AC power adapter

## PRODUCT OVERVIEW

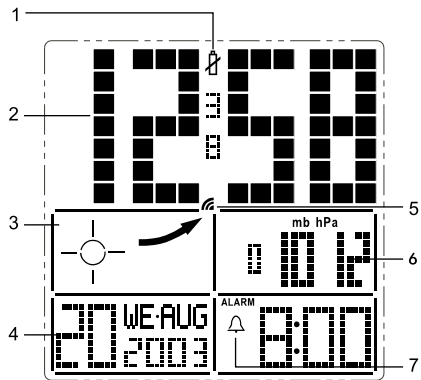
### TOP AND BOTTOM VIEWS



### DESCRIPTIONS

1. Snooze/Light button (→ 8, 11, 12)
2. Projection lens (→ 11)
3. Reset button (→ 6, 12)
4. DC power input jack (→ 6)
5. Battery compartment (→ 6)

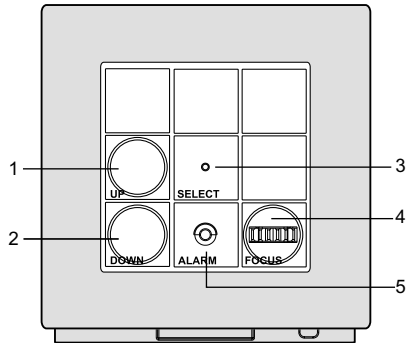
## LCD DISPLAY



## DESCRIPTIONS

1. Low battery icon (→ 6)
2. Clock (→ 7)
3. Weather forecast (→ 11)
4. Calendar (→ 9)
5. Radio signal icon (→ 7)
6. Barometer (→ 9)
7. Alarm (→ 8)

## BACK VIEW




## BUTTON DESCRIPTIONS

1. Up – increase setting / activate auto-synch (→ 7)
2. Down – decrease setting / deactivate auto synch (→ 7)
3. Select – switch modes / change settings (→ 6)
4. Focus –focus projector (→ 12)
5. Alarm –activate / deactivate alarm (→ 8)

## GETTING STARTED

### BATTERIES

Batteries are supplied with this product. Replace them whenever the low battery signal (  ) displays. Remove the compartment lid on the bottom of the unit. Be sure to match the correct polarity, as shown in the battery compartment. Before you close the lid, press the **RESET** button with the point of a blunt object (such as a ball point pen).

**NOTE** Do not use rechargeable batteries.

### AC POWER ADAPTER

An AC power adapter is supplied for use with the main unit. You must connect the power adapter if you wish to use the continuous projection feature. The jack is located in the battery compartment.

**NOTE** If the AC power becomes unavailable, the unit will automatically switch to battery power.

### SWITCH BETWEEN MODES

Press **SELECT**. The selected mode will flash. The display will stop flashing if no key is pressed within 5 seconds.

### CHANGE SETTINGS




Press and hold **SELECT** for 2 seconds. Then, press **UP** or **DOWN** to change each setting. Press **SELECT** to switch between options.

## CLOCK

This product can automatically synchronize the date and time with official time-keeping organizations in Frankfurt, Germany (PS-S02) or Rugby, England (PS-S02U). When the unit is within 1500 km (932 miles) of a RF signal, the reception icon will blink.

## RECEPTION

Reception takes 2 – 10 minutes to complete. Once complete, the icon will stop blinking.

Strong signal	Weak signal	No signal
		

**NOTE** For best results, place the unit away from metal or electrical objects, and near a window with a clear view to the sky.

## TO DISABLE OR ENABLE AUTO-SYNCHRONIZATION

In Clock mode, press **DOWN** for 2 seconds to disable the auto-synchronization. The unit will not respond to radio signals until you reactivate the synchronization.

To enable auto-reception, press **UP** for 2 seconds.



## SET OR CHANGE THE CLOCK

1. Press **SELECT** to switch to the Clock Mode. The time will flash.
2. Press and hold **SELECT** for 2 seconds to enter the setting mode.
3. Select the 12/24-hour format, hour, and minute. Press **UP** or **DOWN** to change the setting. Press **SELECT** to confirm.

## ALARM

When activated, the Beep Alarm starts quietly, then gradually becomes louder. It shuts off at two minutes. The LCD display lights up for the first 8 seconds.

## SET ALARM

1. Press **SELECT** several times until the Alarm area flashes.
2. Press and hold **SELECT** for 2 seconds to enter the setting mode.
3. Select the hour and minute. Press **UP** or **DOWN** to change the setting. Press **SELECT** to confirm.
4. Press **SELECT** again when you are finished.

## SNOOZE

Press the **SNOOZE/LIGHT** button the top of the unit to temporarily disable the alarm for 8 minutes. The alarm icon will blink while Snooze is activated.

## TO TURN THE ALARM OFF OR ON

Press any button to stop the alarm.

To turn the alarm off completely (deactivate it for the next day), press **ALARM**.

## CALENDAR

### SET DATE

Clock auto-synchronization must be deactivated before you manually set the date. (→ 7)

1. Press **SELECT** several times until the calendar area flashes.
2. Press and hold **SELECT** for 2 seconds to enter the calendar setting mode.

3. Select the year, month, date, and language. Press **UP** or **DOWN** to change the setting. Press **SELECT** to confirm.




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

## BAROMETER

This product tracks barometric pressure changes over the past 24 hours to provide the weather forecast (→ 11) and a trend line showing the direction of barometric change.

## BAROMETRIC TREND

The barometric trend arrow for the last 30 minutes is always displayed.

Trend	Description	Pressure change (mb/hPa)	
		1 hr	6 hrs
	Rising	+1	+3
	Steady	Steady	Steady
	Falling	-1	-3

## VIEW THE LAST 24 HOURS

Press **SELECT** 2 times until the Barometer Area flashes. Then, press **UP** or **DOWN** to view the last 24 hours history.





## SET UNIT AND ALTITUDE

You can set the unit of measurement (mb/hPa or inHg) and altitude. Setting the altitude allows the product to take more accurate barometric measurements.

1. Press **SELECT** 2 times until the Barometer Area flashes.
2. Press and hold **SELECT** for 2 seconds.
3. Select altitude (-100 meters to 2500 meters in increments of 10) and the unit of measurement (mb/hPa or inHg) and press **UP** or **DOWN** to change the setting. Press **SELECT** to confirm.

## WEATHER FORECAST

This product forecasts the next 12 to 24 hours of weather within a 30 to 50 km (19 - 31 mile) radius with 70 to 75 percent accuracy. The weather forecast is always displayed.

Clear	Partly Cloudy	Cloudy	Rainy
			

## BACKLIGHT

Press **SNOOZE/LIGHT** to illuminate the backlight for 5 seconds.

## PROJECTOR

This product has a built-in projector for viewing time and alarm status at night.

**NOTE** The maximum projection range is 2 meters (6 feet). The image gets larger the farther you display it.

## PROJECT TIME / ALARM STATUS

In a darkened room, press **SNOOZE/LIGHT** to display the time and alarm status for 5 seconds.

## FLIP IMAGE

Press **SNOOZE/LIGHT** again while the projector is on.

## FOCUS IMAGE

The **FOCUS** switch is located on the back of the unit. Rotate to adjust.

## CONTINUOUS PROJECTION

The AC power adapter must be plugged in to use this feature (→ 6).

1. Press and hold **SNOOZE/LIGHT** for 2 seconds when the projection is on. When activated, the time and alarm status will project continuously.
2. Press and hold **SNOOZE/LIGHT** for 2 seconds again to deactivate.

## RESET SYSTEM

The **RESET** button is located in the battery compartment. Press it with the tip of a blunt object (such as a ball point

pen) whenever you change the batteries, or whenever performance is not behaving as expected (e.g., unable to establish radio frequency link with automatic clock, etc.) This will return all settings to default value (barometric pressure history, alarm setting, etc.)

## SAFETY AND CARE

Wash the unit with a slightly damp cloth and mild detergent. Avoid dropping the unit or placing it in a high-traffic location.

## WARNINGS

This product is designed to give you years of service if handled properly. Observe the following guidelines:

- Never immerse the unit in water. This can cause electrical shock and damage the unit.
- 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.
- Do not make any changes or modifications to this product. Unauthorized changes may void your right to use the product.
- The content of this user guide is subject to change without notice.
- Images not drawn to scale.

## TROUBLESHOOTING

Check here before contacting our customer service department.

<b>Problem</b>	<b>Symptom</b>	<b>Remedy</b>
Calendar	Strange date / month	Change language (→ 9)
Clock	Cannot auto-synchronize	1. Remove batteries. 2. Press RESET. All memory items will

Problem	Symptom	Remedy
		<p>return to default.</p> <p>3. Replace batteries.</p> <p>4. Place clock near window / away from electrical devices, and wait 10 – 20 minutes.</p> <p>If it still fails, you may be too far from a signal.</p>
	Cannot change clock	Disable auto-synchronization (→ 7)

Problem	Symptom	Remedy
Projector	No continuous projection	Plug in AC power adapter (→ 6, 12)
Baro	Strange reading	Set altitude / unit (→ 10)

## SPECIFICATIONS

### Dimensions:

L x W x H	75 x 36 x 78.3 mm (3 x 1.42 x 3.08 in)
Weight	212 grams with battery

**Barometer**

Unit	mb/hPa or inHg
Range	500 to 1050 mb/hPa (14.77 to 31.01 inHg)
Resolution	1 mb (0.03 inHg)
Altitude	-100 to 2500 meters (-328 to 8202 feet)
Display	Rainy, cloudy, partly cloudy, sunny
Memory	24 hour
Trend	1mb change in 1 hour or 3mb change in 6 hours

**Radio-controlled clock**

Synchronization	Auto or disabled
Clock display	HH:MM:SS
Hour format	12hr AM/PM (MSF format) 24hr (DCF format)

**Calendar**

DD/MMM; weekday selection in 5  
languages (E, D, F, I, S)

**Alarm**

2 minute crescendo

**Snooze**

8 minutes

**Projector****Display**

Current time / alarm status

**Rotation**

image flip

**Focusing**

Manual

**Projection**

5-second or continuous

**Power**

3 x UM-4 (AAA) 1.5V alkaline  
batteries

AC/DC 6V power adapter  
(for normal operation and continuous  
projection)



## **ADDITIONAL RESOURCES**

Visit our website ([www.oregonscientific.com](http://www.oregonscientific.com)) to learn more about your new product and other Oregon Scientific products such as digital cameras, hand-held organizers, health and fitness gear, and weather stations. The website also includes contact information for our customer service department, in case you need to reach us.

## EC-DECLARATION OF CONFORMITY

This product complies with the essential requirements of Article 3 of the R&TTE 1999/5/EC Directives, if used for its intended use and that the following standard(s) has/ have been applied:

### Efficient use of radio frequency spectrum (Article 3.2 of the R&TTE Directive)

applied standard(s) **N / A**

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

applied standard(s) **ETS 300 683:1997**

### Safety of information technology equipment (Article 3.1.a of the R&TTE directive)

applied standard(s) **EN 60950:1997**

Additional information:

The product is therefore conform with the Low Voltage Directive 73/23/EC, the EMC Directive 89/336/EC and R&TTE Directive 1999/5/EC (appendix II) and carries the respective CE marking.

VS-Villingen / Germany August 2001

Gerhard Preis

EC representative of manufacturer



### RTTE Compliant Countries :

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

And Norway **(N)**

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