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## ABOUT THIS GUIDE

Congratulations on your selection of the Oregon Scientific Imola Radio-Controlled Travel Clock with Indoor Temperature (FST-301). This powerful device bundles time keeping, alarm, and indoor temperature measurement to keep you comfortable and on time while you travel.

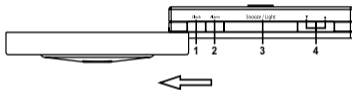
Keep this manual handy as you use your new product. It contains practical step-by-step instructions, as well as technical specifications and warnings you should know.

In this box, you will find:

- Main unit
- Batteries

## PRODUCT OVERVIEW

### TOP VIEW



### DESCRIPTIONS

1. Clock – view seconds / day of week (→ 6)
2. Alarm – activate / deactivate alarm (→ 9)
3. Snooze / Light – activate Snooze / Backlight (→ 9, 10)
4. ▲ Up / ▼ Down – increase / decrease setting or activate / deactivate auto synchronization (→ 6, 7)

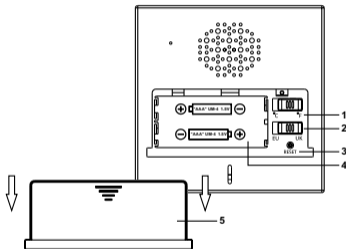
## LCD DISPLAY



## DESCRIPTIONS

1. Clock (→ 6)
2. Date/ Alarm (→ 8,9)
3. Alarm Type (→ 9)
4. RF Reception Signal (→ 7)
5. Temperature (→ 10)
6. Low battery icon (→ 6)

## BACK VIEW



## DESCRIPTIONS

1. °C/°F switch (→ 10)
2. Radio signal format switch (→ 7)
3. Reset button (→10)
4. Battery compartment (→ 6)
5. Battery compartment lid

## GETTING STARTED

### BATTERIES

Batteries are supplied with this product. Replace them whenever the low battery signal (⌘) displays. 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.

### CHANGE SETTINGS

Press and hold **CLOCK** or **ALARM** for 2 seconds to enter setting mode. Then, press ▲ **UP** or ▼ **DOWN** to change each setting. Press and hold ▲ **UP** or ▼ **DOWN** to enter fast-setting mode. Press **CLOCK** or **ALARM** to switch between settings.

### CLOCK




This product can automatically synchronize the date and time with official time-keeping organizations in Frankfurt (Germany) and

Rugby (England). When the unit is within 1500 km (932 miles) of a RF signal, the reception icon will blink during reception.

### SET RADIO SIGNAL FORMAT

The **RADIO SIGNAL FORMAT** switch is located in the battery compartment. Select EU (DCF) or UK (MSF), Then, press **RESET** to reset the unit.

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

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

Clock auto-synchronization must be deactivated before you manually set the clock.

1. Press and hold **CLOCK** for 2 seconds to enter setting mode.

2. Select the 12/24-hour format, hour, minute, year, date/month format, month, date, and display language. Press ▲ **UP** or ▼ **DOWN** to change the setting. Press **CLOCK** to confirm.

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

## VIEW DAY OF WEEK OR SECONDS

Press **CLOCK**.



## ALARM

When activated, the Beep alarm starts quietly, then gradually becomes louder until it crescendos at 1 minute. It shuts off at 2 minutes. The LCD display lights up for the first 5 seconds.

### SET ALARM

1. Press and hold **ALARM** for 2 seconds to enter setting mode.
2. Select the hour, minute, and alarm type (👁️ for Beep Alarm or 🎵 for Ferrari Engine). Press **▲ UP** or **▼ DOWN** to change the setting. Press **ALARM** to confirm.

## SNOOZE

Press the **SNOOZE/LIGHT** button on 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 **CLOCK**, **▲ UP** or **▼ DOWN**.

To turn the alarm off completely (deactivate it for the next day), press **▼ DOWN** when the alarm time is displayed. Press **▲ UP** to activate the alarm again.

## TEMPERATURE

This product measures current indoor temperature.

## SET UNIT

Open the battery compartment. Set the °C/°F switch to Celsius or Fahrenheit degrees.

## BACKLIGHT

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

## RESET SYSTEM

The **RESET** button is located in the battery compartment. Press it whenever you change the batteries, or whenever performance is not behaving as expected (e.g., unable to establish radio frequency link with automatic clock). This will return all settings to default value, and you will lose all stored information (alarm and clock settings).

## 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.

| Problem | Symptom              | Remedy        |
|---------|----------------------|---------------|
| Temp    | Shows "LLL" or "HHH" | Out of range. |

| Problem  | Symptom             | Remedy  |
|----------|---------------------|---|
| Calendar | Strange day of week | Change language (→ 8)   |
| Clock    | Cannot auto-synch   | Adjust batteries, press <b>RESET</b> (→10), and manually activate auto-synch (→ 7).<br><br>If it still fails, you may be too far from a signal. |

| Problem | Symptom             | Remedy                      |
|---------|---------------------|-----------------------------|
|         | Cannot change clock | Disable auto-synching (→ 7) |

## SPECIFICATIONS

### Main unit dimensions

|           |  |
|-----------|--|
| L x W x H | 80 x 25 x 80 mm<br>(3.15 x 0.98 x 3.15 inches) |
| Weight    | 130 grams (0.29 lbs)<br>(with batteries)       |

### Temperature

|            |                                     |
|------------|-------------------------------------|
| Unit       | °C or °F                            |
| Range      | -5 °C to 50 °C<br>(23 °F to 122 °F) |
| Resolution | 0.1 °C (0.2 °F)                     |

### Radio-controlled clock

|                 |  |
|-----------------|--|
| Synchronization | Auto or disabled                             |
| Clock display   | HH:MM:SS                                     |
| Hour format     | 12hr AM/PM (MSF format)<br>24hr (DCF format) |
| Calendar        | DD/MM or MM/DD user-selectable; weekday      |

|              |  |
|--------------|--|
|              | selection in 5 languages<br>(E,D,F, I,S)                         |
| Alarm        | Ferrari Engine or Beep;<br>2 minute crescendo<br>(for Beep only) |
| Snooze       | 8 minutes  |
| <b>Power</b> |  |
| Main unit    | 2 x UM-4 (AAA) 1.5V<br>alkaline batteries                        |

## 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



**COUNTRIES RTTE APPROVAL COMPLIED**

All EC countries, Switzerland (CH)

and Norway (N)

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

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**Ferrari**

OFFICIAL LICENSED PRODUCT

**Radio-Controlled Travel Clock with  
Indoor Temperature  
(Model #: FST-301 Imola)**

User Manual