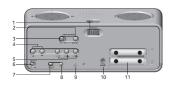






FIG 2





Radio Controlled Projection Clock with FM Radio and Outdoor Temperature

Model: RRM320P / RRM320PA / RRM320PU

USER MANUAL

OVERVIEW

ONT VIEW (FIG.1)

- PM: Indicates PM (12 hour mode) ne zone offset
- Clock signal reception indicato Indicates radio volume
- Clock / Volume
 Radio station (logged)

- Radio station (logged)
 Sleep mode is ON
 Indicates Radio mode is ON and frequency is displayed
 Calendar / Radio frequency
 C______Sensor batteries low
 Loss electable temperature units
 Temperature

- 14. Beep / Radio Alarm 1/ 2
 15. Main unit batteries low / no battery

- FOCUS Wheel: Adjust projection focus

- I ALARM 1 ON / OFF: Activate / deactivate Alarm 1
- VOL ▲ / ▼ : Adjust radio volume
- ALARM 2 ON / OFF: Activate / deactivate Alarm 2

- TURCUON

 STATION: Set radio station

 TUNE ▲ ▼: Auto search / adjust radio frequency

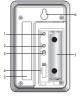
 RADIO ON / OFF: Turn Radio On / Off

 SNOOZE / SLEEP: Alarm snooze or enable radio sleep

FRONT VIEW

BACK VIEW





- RESET: Reset unit to default setting
- RESET: Reset unit to default setting: SEARCH (RTHN318 / A / D sensors EU / UK Switch (RTHN318D sensor Channel Switch Double sided adhesive tape Wall mount hole

- Battery compartment

GETTING STARTED

MAIN UNIT INSTALLATION

Plug AC/DC adaptor into socket. Make sure the adapter is not obstructed and is easily accessible to the unit.

To completely disconnect from power, the adapter should be disconnected from the main unit.

NOTE The main unit and adapter should not be exposed to wet conditions. No objects filled with liquid, such as vases, should be placed on the main unit and adapter.

Memory backup:

- Remove the battery compartment cover. Insert the batteries, matching the polarities (FIG. 2).

Batteries serve as a back-up power supply. To fully utilize all features, install adapter.

NOTE Batteries should not be exposed to excessive heat ich as sunshine or fire

- Silde open the battery door.
 Silde open the battery door.
 Silde channel switch to channel 1.
 Select EU/UK (RTHN318) only)
 Insert the battery, matching the polarities (+/-).
 Press RESET after each battery change.
 Close the battery door.

ICONS	MEANING
דווניי∕רדונ	Main unit is searching for sensor(s)
טעד → טעד → טעד → מעד	A sensor channel has been found and logged on
JUT	No sensor found

NOTE If no sensor is found, press and hold SEARCH

NOTE After every sensor initialisation, the main unit may up to 30 minutes to receive the time from the senso

Secure the sensor in the desired location using the wall mount hole or double sided adhesive tape.



- Place the sensor within 30 m (100 ft) of the main unit. Place the sensor out of direct sunlight and moisture. Position the sensor so that it faces the main unit, minimizing obstructions such as doors, walls and
- Place the sensor in a location with a clear view to the
- sky, away from metallic / electronic objects.

 Position the sensor close to the main unit during cold winter months as below-freezing temperatures affect battery performance and signal transmission may

TIP The transmission range may vary depending on many factors. You may need to experiment with various locations to get the best results.

NOTE Use alkaline batteries for longer usage and consumer grade lithium batteries in temperatures below freezina.

CLOCK

CLOCK RECEPTION

This product is designed to synchronize its clock automatically with a clock signal received from provided remote senso

To enable / disable signal reception:

Press and hold + to enable or - to disable signal reception.

NOTE Reception takes 2-10 minutes. If the signal is weak, take up to 24 hours to get a valid signal

Clock signal reception indicator:

STRONG SIGNAL	NO SIGNAL
6	ပ

NOTE Clock reception is dependent on the successful ion of data from remote sensor. If 🔾 is displayed, check first for sensor reception.

UALLY SET CLOCK

- Press and hold SET (5)
- Press + or to change the settings. Press SET \bigcirc to confirm and move to the next setting. The setting options are as follows: time-zone offset, 12/24 hr format, hour, minute, year, month-day / day-month, day and month.

Time zone offset sets the clock +/- 23 hours from the received clock signal time.

To set the ala

- Press SET I or SET •2 to display desired set alarm
- Press and hold SET I or SET 2 to enter respective
- setting.

 Press + / to change the settings.

 Press SET ♠ I or SET ♠ 2 to confirm and move to the next setting. The setting options are as follows: hour, minute, beep alarm / radio alarm .

To adjust station and volume:

If radio alarm is selected, press + / - to select the radio station and + / - to adjust the volume.

activate / deactivate alarm:

Press • I ALARM 1 ON / OFF or • ALARM 2 ON /
OFF.

- To silence the alarm:
 Press SNOOZE / SLEEP to silence it for 8 minutes
- Press SET I/ SET •2, I/ •2, to turn the alarm off and activate it again after 24 hours

RADIO

To activate / deactivate radio:
Press RADIO ON / OFF to turn radio ON / OFF.

- adio station: ss RADIO ON / OFF or SNOOZE / SLEEP to enter
- Press STATION to scroll through preset station numbers
- Press and hold TUNE + / TUNE to auto search or press TUNE + / TUNE to manually select frequency. Once desired frequency has been found, press and hold STATION to save.

To adjust volume:
Press VOL + / VOL – when in Radio Mode.

- To adjust sleep timer setting:

 1. Press SNOOZE / SLEEP to activate.
- Press **SNOOZE / SLEEP** again to change the sleep time setting (120, 90, 60, 30, 15, 0 min).

PROJECTION

r continuous projection: Slide PROJECTION switch to ON when adaptor is connected, to enable / disable.

To flip projected image by 180°:
• Press 180° Flip.

To focus image:
Turn FOCUS wheel.

NOTE If projection is illuminated, do not look directly into

RESET

SPECIFICATIONS TYPE DESCRIPTION

LxWxH	183 x 67 x 81mm (72 x 26.4 x 31.9in)
Weight	386 g (13.6 oz) without battery
FM	87.5 to 108 MHz
Power	6V AC adaptor 2 x UM-4 (AAA) 1.5V batteries (for backup)

REMOTE RF CLOCK THERMO SENSOR

REMOTE RESIDENCE THERESE		
TYPE	DESCRIPTION	
LxWxH	117 x 80 x 171 mm (4.78 x 3.27 x 6.98 in)	
Weight	241 g (8.5 oz) without battery	
Temperature range	-20°C to 60°C (-4°F to 140°F)	
Resolution	0.1°C (0.2°F)	
Signal frequency	433 MHz	
Transmission range	30 m (98 ft) unobstructed	
No. of channels	5	
Power	1 x UM-3 (AA) 1.5 V batteries	

- PRECAUTIONS

- Do not subject the unit to excessive force, shock, dust, temperature or humidity
 Do not cover the ventilation holes with any items such as newspapers, curtains etc.
 Do not immerse the unit in water. If you spill liquid over it, dry it immediately with a soft, int-free cloth.
 Do not clean the unit with abrasive or corrosive materials.
- materials.

 Do not tamper with the unit's internal components. This invalidates the warranty.

 Only use fresh batteries. Do not mix new and old bettering.
- patients.
 Images shown in this manual may differ from the actual display.
 When disposing of this product ensure it is collected.
- display. When disposing of this product, ensure it is collected separately for special treatment. Placement of this product on certain types of wood may result in damage to its finish for which Oregon Scientific will not be responsible. Consult the furniture manufacturer's care instructions for information. The contents of this manual may not be reproduced without the permission of the manufacturer. Do not dispose old hatteries as unsorted municipal.
- Do not dispose old batteries as unsorted municipal waste. Collection of such waste separately for special
- treatment is necessary treatment is necessary.

 Please note that some units are equipped with a battery safety strip. Remove the strip from the battery compartment before first use.

NOTE The technical specifications for this product and the ontents of the user manual are subject to change without

ABOUT OREGON SCIENTIFIC

Visit our website (www.oregonscientific.com) to learn more about Oregon Scientific products. If you're in the US and would like to contact our Customer Care departmen directly, please visit: www2.oregonscientific.com/service/support

EU-DECLARATION OF CONFORMITY Hereby, Oregon Scientific, declares that this Radio Controlled Projection Clock with FM Radio and Outdoor Temperature (model: RRM320P/ RRM320PA/ RRM320PU) is in compliance with the essential requirements and other relevant provisions of Directive 1999/E/EC. A copy of the signed and dated Declaration of Conformity is available on request via our Oregon Scientific Customer Service.

For international inquiries, please visit: www2.oregonscientific.com/about/international

COUNTRIES RTTE APPROVAL COMPLIED All EU countries, Switzerland CH and Norway N

FCC STATEMENT

This device complies with Part 15 of the FCC Rules. Operation In sevice complies with Part 150 the PCC 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.

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:

Recrient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

- 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, 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

Telephone No.:

Product Name

Manufacturer

Address

Product No.: RRM320P / RRM320PA / RRM320PU

1-800-853-8883

Radio Controlled Projection Clock with FM Radio and Outdoor Temperature IDT Technology Limited Block C. 9/E 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.