



Z

**Rainbow Clock with 4 Soothing
Sounds**
MODEL: RM901 / RM901U / RM901A

USER MANUAL

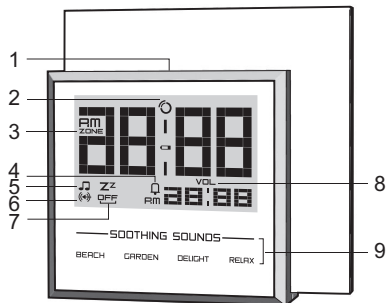
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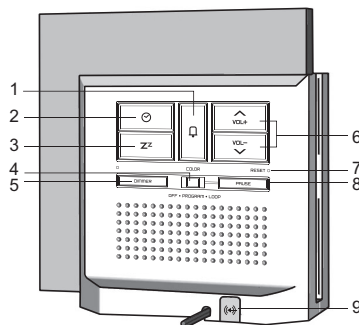
OVERVIEW

FRONT VIEW



1. **SNOOZE · SOUND:** activate snooze alarm; turn soothing sound on / off; select soothing sound
2. : clock signal reception indicator
3. **ZONE:** time zone offset
4. : daily alarm is on
5. : soothing sound is on
6. : external audio device successfully connected
7. **OFF Z^c** sleep function enabled (Z^c) / disabled (OFF Z^c)
8. **VOL:** volume level is displayed
9. Name of soothing sound selected is displayed

BACK VIEW



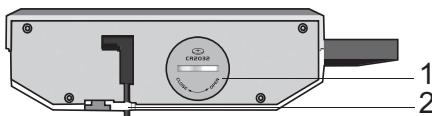
1. : activate / deactivate alarm function; set alarm
2. : set clock
3. **Z^c:** activate sleep timer; adjust timer settings (120, 90, 60, 30, 15, 0)
4. **COLOUR (OFF-PROGRAM-LOOP):** activate / deactivate color-changing light show; select pre-programmed (sound specific) light show or rainbow loop effect
5. **DIMMER:** select display brightness
6. **VOL+** / **VOL-**: increase / decrease value of the setting; increase / decrease volume
7. **RESET** : reset unit to default settings
8. **PAUSE**: select a specific color lighting; restart color-changing effect
9. : speaker



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9. Socket for audio line-in

BOTTOM VIEW



1. Battery compartment
2. Adapter socket

GETTING STARTED

POWER SUPPLY

1 x CR2032 battery for memory back-up

To insert battery:

1. Remove the battery compartment cover.
2. Insert the battery, matching the polarities.
3. Press **RESET** after each battery change.

 LOCATION	MEANING
Clock area	Main unit batteries low

Adapter

The adapter powers the unit. Plug adapter into socket, making 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.

CLOCK

CLOCK RECEPTION

This product is designed to synchronize its clock automatically with a clock signal.

RM901: EU: DCF-77 signal: within 1500km (932 miles) of Frankfurt, Germany.

RM901U: UK: MSF-60 signal: within 1500km (932 miles) of Anthorn, England.

RM901A: US: WWVB-60 signal: within 3200km (2000 miles) of Fort Collins, Colorado.

To enable / disable signal reception:

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

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

If signal reception is unsuccessful, place your unit next to a window, press and hold  **VOL+** to force another signal search.

Clock signal reception indicator:

STRONG SIGNAL	WEAK / NO SIGNAL
	

MANUALLY SET CLOCK

To set the clock manually, disable the clock signal reception first.

1. Press and hold .
2. Press  **VOL+** or  **VOL-** to change the settings.
3. Press  to confirm.

The setting order is: time zone offset, 12/24-hour format, hour, minute.

RM901 / RM901U: Time zone offset sets the clock +/- 23 hours from the received clock signal time. If you have deactivated the clock signal reception, do not set a value for time zone.

NOTE If you enter +1 in the time offset setting, this will give you your local time plus one hour. If you are in the US (RM901A) set the clock to:

0 for Pacific time +1 for Mountain time

+2 for Central time +3 for Eastern time

AUDIO OPTIONS

SOOTHING SOUNDS

To activate / deactivate soothing sounds:

- Place finger on **SNOOZE·SOUND** for 2 seconds.

To toggle soothing sounds:

- Touch **SNOOZE · SOUND** repeatedly to select desired sound (1-4).



The selected sound name and  will be displayed.

MUSIC FROM EXTERNAL AUDIO DEVICE

Using a cable, plug one end to your music storage device and one end to audio line-in socket () located at the back of unit.

When cable has been successfully connected,  will be displayed on the LCD screen and sound will emit from speakers.

**NOTE**

- To play music from external audio device, ensure soothing sound is turned off.
- Connecting / disconnecting of external audio device will turn the alarm off.

VOLUME CONTROL

- Press **VOL+** or **VOL-**.

ALARM**To set the alarm:**

1. Press and hold
2. Press **VOL+** or **VOL-** to change the settings.
3. Press to confirm.

The setting order is: Hour, minute, alarm option (soothing sound / beep), sound type (1-4: soothing sound, 5: beep) , volume (cannot be adjusted for beep alarm).

To toggle alarm ON / OFF:

1. Press to display alarm time.
2. Press again to turn alarm ON / OFF.

indicates alarm is on.

To silence the alarm:

- Touch **SNOOZE - SOUND** to silence it for 8 minutes
- OR
- Press any other key (except **DIMMER**) to turn the alarm off and activate it again after 24 hours.

COLOR PLAY**To activate light show (looped):**

- Slide **COLOR** switch to LOOP.

To stop light show at a particular color:

- Press **PAUSE** when it reaches desired color.

Press **PAUSE** again to restart loop.

Each soothing sound is programmed with a unique color-changing light show which complements the music, improves the ambience and adds a decorative touch to any room.

To start programmed light show:

- Slide **COLOR** switch to PROGRAM.

To deactivate light show:

- Slide **COLOR** switch to OFF.

SLEEP TIMER**To activate audio sleep timer:**

- Press **SLEEP** to activate sleep timer.

Z² indicates sleep timer is on.

NOTE

- If soothing sound is not activated when **SLEEP** is pressed, the unit will automatically activate the last soothing sound played.
- If soothing sound is playing when **SLEEP** is pressed, the unit will start counting down sleep timer and soothing sound will continue playing.

To select duration:

- Press **SLEEP** repeatedly.

To view time remaining:

- Press **SLEEP**.

NOTE If external audio device is plugged in while sleep timer is on (and soothing sound is not playing), OFFZ² will be displayed briefly to indicate sleep function has been temporarily disabled.

BACKLIGHT

To adjust brightness:

- Press **DIMMER**.

RESET

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

SPECIFICATIONS

TYPE	DESCRIPTION
L x W x H	155 x 43 x 145 mm (6.1 x 1.7 x 5.7 in)
Weight	516 g (18.2 oz) without battery
Power	4.5V adapter and 1x CR2032 for memory back-up

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, lint-free cloth.
- Do not clean the unit with abrasive or corrosive materials.
- Do not tamper with the unit's internal components. This invalidates the warranty.
- Only use fresh batteries. Do not mix new and old batteries.
- Images shown in this manual may differ from the actual display.
- When disposing of this product, ensure it is collected separately for special treatment and not as normal household waste.
- 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 batteries as unsorted municipal waste. Collection of such waste separately for special 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 contents of the user manual are subject to change without notice.

NOTE Features and accessories will not be available in all countries. For more information, please contact your local retailer.

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 department directly, please visit: www2.oregonscientific.com/service/support.asp

For international inquiries, please visit:

www2.oregonscientific.com/about/international.asp

EU DECLARATION OF CONFORMITY

Hereby, Oregon Scientific, declares that this Rainbow Clock with 4 Soothing Sounds (Model: RM901 / RM901U / RM901A) 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 APPROVAL COMPLIED

All EC countries, Switzerland 

and Norway 

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 visit our website at www2.oregonscientific.com/service for all enquiries.

We

Name: Oregon Scientific, Inc.
Address: 19861 SW 95th Ave., Tualatin,

Oregon 97062 USA

Telephone No.: 1-800-853-8883

declare that the product

Product No.: RM901 / RM901U / RM901A
Product Name: Rainbow Clock with 4 Soothing Sounds
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.