

Explore Scientific RDP1001GYE000

Explore Scientific Radio Controlled Projection Clock User Manual

Model: RDP1001GYE000

Brand: Explore Scientific

INTRODUCTION

Thank you for purchasing the Explore Scientific Radio Controlled Projection Clock. This device offers precise timekeeping through radio control, an internal temperature display, and a convenient projection feature to display the time on your wall or ceiling. This manual provides detailed instructions for setup, operation, and maintenance to ensure optimal performance of your clock.

SAFETY INFORMATION

- Read all instructions carefully before use.
- Do not expose the unit to extreme temperatures, direct sunlight, or high humidity.
- Avoid dropping or subjecting the unit to strong impacts.
- Do not attempt to disassemble or repair the unit yourself. Refer all servicing to qualified personnel.
- Use only the specified power adapter (if applicable) and batteries.
- Keep out of reach of children.

PACKAGE CONTENTS

- Explore Scientific Radio Controlled Projection Clock (Model RDP1001GYE000)
- Batteries (Included)
- AC Power Adapter (Optional, not explicitly stated as included but mentioned in features)
- User Manual (This document)

PRODUCT OVERVIEW

Familiarize yourself with the various parts and controls of your projection clock.



Figure 1: Front view of the clock, displaying time, date, and temperature, with control buttons below the screen.





Figure 2: Side view of the clock, illustrating the time projection feature with red digits.

Components:

- **Digital Display:** Shows time, date, day of the week, and indoor temperature.
- **Projection Lens:** Projects the time onto a wall or ceiling.
- **Control Buttons:**
 - **MODE/SET:** To switch display modes and enter setting mode.
 - **ALARM/SNOOZE:** To set alarms and activate snooze.
 - **+ / °C / °F:** To adjust values up and switch temperature units.
 - **- / 12 / 24:** To adjust values down and switch time format.
 - **PROJECTION ON/OFF/FLIP:** To control projection and flip its orientation.
- **Battery Compartment:** Located at the back/bottom for backup batteries.

- **DC IN Jack:** For connecting the AC power adapter.

SETUP

1. Powering the Unit:

The clock can be powered by batteries for backup or continuously by the AC power adapter.

- **Battery Installation:** Open the battery compartment cover. Insert the included batteries, observing the correct polarity (+ and -). Close the cover. Batteries provide backup power and allow for temporary use without the adapter.
- **AC Power Adapter (Optional):** For continuous display and projection, connect the AC power adapter to the DC IN jack on the back of the unit and plug it into a standard wall outlet.

2. Initial Setup and Radio Control Synchronization:

Upon first power-up or after a reset, the clock will attempt to synchronize with the NIST WWVB radio signal for accurate time.

- Place the clock near a window for better reception.
- The radio control icon will flash during synchronization. This process may take several minutes or even hours depending on signal strength and location.
- Once synchronized, the icon will become solid, and the time will be automatically set.
- If synchronization fails, you may need to manually set the time (see Operating section).

3. Setting Temperature Unit (°F/°C):

Press the **+ / °C / °F** button to toggle between Celsius and Fahrenheit temperature display.

4. Setting 12/24 Hour Format:

Press the **- / 12 / 24** button to switch between 12-hour (with AM/PM indicator) and 24-hour time formats.

OPERATING

1. Manual Time and Date Setting:

If radio control synchronization is not desired or fails, you can manually set the time and date.

1. Press and hold the **MODE/SET** button until the display flashes.
2. Use the **+** or **-** buttons to adjust the flashing value (e.g., hour, minute, year, month, day).
3. Press **MODE/SET** again to confirm the setting and move to the next parameter.
4. Repeat until all settings are complete. The clock will exit setting mode automatically after a few seconds of inactivity.

2. Alarm Function:

The clock features a dual alarm and snooze function.

1. **Setting Alarm Time:** Press the **ALARM/SNOOZE** button once to display Alarm 1 time. Press and hold **ALARM/SNOOZE** to enter Alarm 1 setting mode. Use **+** or **-** to adjust hour/minute, then press **ALARM/SNOOZE** to confirm. Repeat for Alarm 2.
2. **Activating/Deactivating Alarm:** While viewing the alarm time, press **ALARM/SNOOZE** repeatedly to toggle Alarm 1 ON/OFF, Alarm 2 ON/OFF, or both ON/OFF. An alarm icon will appear on the display when active.
3. **Snooze Function:** When the alarm sounds, press the **ALARM/SNOOZE** button to activate snooze. The alarm will

temporarily stop and sound again after approximately 5-10 minutes.

- 4. **Stopping Alarm:** To stop the alarm completely, press any other button (except ALARM/SNOOZE for snooze) or let it ring for its duration.

3. Projection Control:

The projection feature allows you to display the time on a surface.

- **Projection ON/OFF:** Press the **PROJECTION ON/OFF/FLIP** button to turn the projection on or off.
- **180° Flip:** Press and hold the **PROJECTION ON/OFF/FLIP** button to rotate the projected image 180 degrees, useful for ceiling projection or different viewing angles.
- **Focus Adjustment:** Rotate the focus ring on the projection lens (if available) to sharpen the projected image.

4. Weekday Display Language:

The clock supports five language options for the weekday display: German (GE), English (EN), French (FR), Italian (IT), and Dutch (DU).
To change the language, enter the manual time setting mode (as described above) and cycle through the options when the weekday language setting appears.

MAINTENANCE

- **Cleaning:** Wipe the unit with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** Replace batteries when the display dims or the clock functions become erratic. Always replace all batteries at the same time with new ones of the same type. Dispose of old batteries responsibly.
- **Storage:** If storing the clock for an extended period, remove the batteries to prevent leakage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Display is blank or dim.	Low or dead batteries; AC adapter not connected or faulty.	Replace batteries. Ensure AC adapter is securely connected and working.
Time is incorrect or not setting automatically.	Poor radio signal reception; manual setting required.	Move the clock closer to a window or to a different location. Manually set the time if radio control is consistently poor.
Projection is blurry.	Out of focus.	Adjust the focus ring on the projection lens.
Alarm does not sound.	Alarm not activated; incorrect alarm time set.	Ensure the alarm icon is displayed. Verify the alarm time is set correctly.

SPECIFICATIONS

- **Model:** RDP1001GYE000
- **Display Type:** Digital
- **Time Format:** 12/24 Hour Selectable
- **Temperature Unit:** °F/°C Switchable

- **Radio Control:** NIST WWVB Receiver
- **Projection:** 180 Degree Rotatable Projection Head
- **Alarm:** Dual Alarm with Snooze Function
- **Weekday Display Languages:** GE, EN, FR, IT, DU
- **Backlight:** Blue
- **Power Source:** Batteries (Included), AC Adaptor (Optional)
- **Dimensions:** Approximately 7 x 5 x 2 inches (Package Dimensions)
- **Weight:** Approximately 8 ounces
- **Material:** Acrylonitrile Butadiene Styrene
- **UPC:** 811803033214

WARRANTY AND SUPPORT

Explore Scientific products are designed for quality and reliability. For specific warranty information, please refer to the warranty card included with your purchase or visit the official Explore Scientific website. If you encounter any issues or require technical assistance, please contact Explore Scientific customer support.

For general inquiries or support, you may visit the [Explore Scientific brand page on Amazon](#) or the seller's page if purchased from a third-party seller.



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This manual is for informational purposes only. Specifications are subject to change without notice.

Related Documents - RDP1001GYE000

	Explore Scientific RDP1002 Radio-Controlled Alarm Clock Manual User manual for the Explore Scientific RDP1002 radio-controlled alarm clock. Learn how to set up, operate, and utilize all features, including alarms, time synchronization, and temperature display, with comprehensive safety guidelines.
	Explore Scientific RDP1001 Radio-Controlled Alarm Clock - Accurate Timekeeping and Features Discover the Explore Scientific RDP1001 radio-controlled alarm clock. Features accurate time synchronization, multiple alarms, temperature display, and projection. Includes instruction manual in multiple languages.
	Explore Scientific RDP1001 RC Alarm Clock with Projection & Temperature - User Manual Comprehensive user manual for the Explore Scientific RDP1001 RC Alarm Clock. Learn how to set time, alarms, use projection, understand specifications, and safety information.
	Explore Scientific RDP3007-CM3000: Manuale d'uso per sveglia radiocontrollata con proiezione Guida completa al manuale d'istruzioni per la sveglia radiocontrollata Explore Scientific RDP3007-CM3000. Scopri come impostare ora, data, sveglia, utilizzare la proiezione e le altre funzioni.

	<p>Explore Scientific RDC1008 Compact Radio Controlled Clock with Indoor Temperature - User Manual</p> <p>User manual for the Explore Scientific RDC1008 compact radio-controlled clock, detailing its features, setup, operation, specifications, and warranty information.</p>
	<p>Manuale di Istruzioni Explore Scientific RPW3008: Sveglia Radiocontrollata e Stazione Meteo</p> <p>Guida completa per la sveglia radiocontrollata Explore Scientific RPW3008. Scopri le funzioni di ora radiocontrollata, sveglia, previsioni meteo, temperatura interna/esterna e proiezione.</p>