

SEIKO QXR131SLH

SEIKO 12 Inch Radio Wave Wall Clock (Model QXR131SLH) Instruction Manual

INTRODUCTION

Thank you for choosing the SEIKO 12 Inch Radio Wave Wall Clock, Model QXR131SLH. This clock combines a classic design with advanced atomic timekeeping technology to provide precise and reliable time. It automatically adjusts for Daylight Saving Time, ensuring accuracy without manual intervention. This manual will guide you through the setup, operation, and care of your new wall clock.



Figure 1: Front view of the SEIKO 12 Inch Radio Wave Wall Clock.

SETUP

1. Unpacking and Initial Inspection

Carefully remove the clock from its packaging. Inspect the clock for any signs of damage. Ensure all components, including the included AA battery, are present.

2. Battery Installation

1. Locate the battery compartment on the back of the clock.
2. Insert one AA battery (included) into the compartment, ensuring the polarity (+ and -) matches the indicators.
3. Once the battery is inserted, the clock hands will begin to move, typically to the 12 o'clock position, indicating it is preparing to receive the atomic signal.



Figure 2: Rear view of the clock, highlighting the battery compartment and setting controls.

3. Optimal Placement for Signal Reception

The clock receives time calibration radio signals from the National Institute of Standards and Technologies (NIST) in Fort Collins, Colorado. For optimal signal reception:

- Place the clock near a window, ideally facing towards Colorado if possible, to ensure the strongest signal.
- Avoid placing the clock in basements or near large metal appliances or electronics, as these can interfere with the radio signal.
- The ideal time for initial setup and signal reception is in the evening, as radio interference is typically lower.
- Be patient; it may take a few nights for the clock to successfully receive and synchronize with the atomic signal, especially in areas with weaker reception or heavy tree cover.

4. Time Zone and Daylight Saving Time (DST) Selection

On the back of the clock, locate the time zone and DST switches. Adjust them according to your location:

- **Time Zone:** Select P (Pacific), M (Mountain), C (Central), or E (Eastern).
- **DST:** Select ON if your region observes Daylight Saving Time, or OFF if it does not. The clock will automatically adjust for DST changes if set to ON.

Your browser does not support the video tag.

Video 1: Product Overview. This video demonstrates the general features and initial setup steps for an atomic wall clock, including battery installation and time zone selection.

OPERATING INSTRUCTIONS

Automatic Time Synchronization

After battery installation and time zone selection, the clock will attempt to receive the WWVB radio signal from NIST. Once the signal is successfully received, the clock hands will automatically adjust to the correct time for your selected time zone. This process typically occurs overnight when signal reception is strongest.

Daylight Saving Time Adjustment

If the DST switch is set to ON, your clock will automatically adjust forward or backward by one hour during the spring and fall Daylight Saving Time changes. No manual adjustment is required for these changes.

Manual Search for Atomic Signal

If you wish to initiate a manual search for the atomic signal, locate the "WAVE" button on the back of the clock. Press and hold this button for approximately 3 seconds. The clock will then attempt to receive the signal. This is best done in the early evening for improved reception.

Manual Time Setting (Quartz Mode)

In situations where the atomic signal cannot be received consistently, or if you prefer to set the time manually, you can operate the clock as a regular quartz clock:

1. Locate the "SET" button on the back of the clock.
2. Press and hold the "SET" button for 3 or more seconds to activate manual mode.
3. While holding the "SET" button, the minute hand will move forward. Release the button when the minute hand reaches the desired position. You can also press the button rapidly to advance the minute hand minute by minute.
4. Once the correct time is set, stop pressing the "SET" button. The clock will resume normal operation.

MAINTENANCE

Cleaning

To clean your clock, gently wipe the surface with a soft, dry cloth. Avoid using abrasive cleaners, solvents, or chemical sprays, as these can damage the finish or the clock mechanism.

Battery Replacement

When the clock hands stop moving or the time becomes inaccurate, it is likely time to replace the battery. Replace with a fresh AA battery, following the installation steps outlined in the Setup section.

TROUBLESHOOTING

- **Clock not setting to correct time:**
 - Ensure the battery is fresh and correctly installed.

- Verify the time zone and DST settings on the back of the clock are correct for your region.
 - Relocate the clock to a position near a window, away from potential interference sources like metal objects or electronics.
 - Allow the clock to attempt signal reception overnight, as signal strength is often better during these hours.
 - If the clock still does not respond, perform a manual reset.
- **Manual Reset:**

If the clock is unresponsive or not functioning as expected, you can perform a manual reset. Locate the "RESET" button on the back of the clock (often a small recessed button). Use a paper clip or a thin pin to gently press and hold the "RESET" button for a few seconds. This will restart the clock's internal processes and initiate a new atomic signal search.
 - **Hands are not moving or are stuck:**
 - Check the battery. Replace it with a new one if necessary.
 - Ensure there are no obstructions preventing the hands from moving freely.
 - Perform a manual reset.

SPECIFICATIONS

Feature	Detail
Brand	SEIKO
Model Number	QXR131SLH
Display Type	Analog
Special Feature	Atomic Timekeeping (R-Wave)
Product Dimensions	12"W x 12"H
Power Source	Battery Powered (1 AA battery included)
Material	Metallic frame
Item Weight	2.3 Pounds
Mounting Type	Wall Mount
Automatic DST Adjustment	Yes

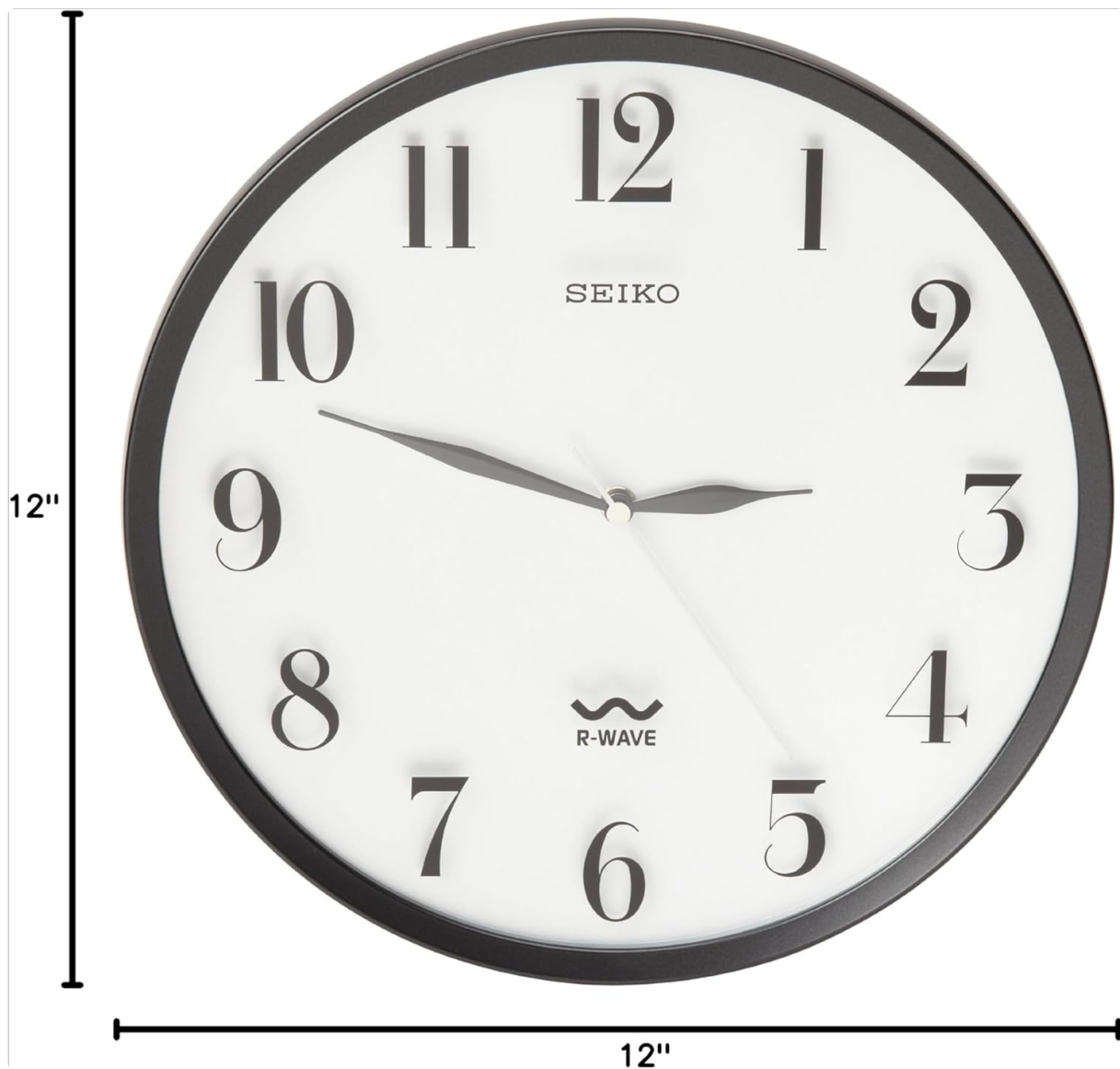





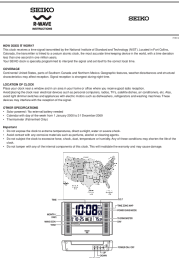


Figure 3: Product dimensions of the SEIKO Wall Clock.

WARRANTY AND SUPPORT

This SEIKO clock is covered by a manufacturer's warranty. For specific warranty details, claims, or technical support, please refer to the warranty card included with your product or visit the official SEIKO website. Ensure you retain your proof of purchase for warranty purposes.

Related Documents - QXR131SLH

	<p>Seiko QHL095-W Clock Instruction Manual - Setup and Operation Guide</p> <p>Comprehensive guide for the Seiko QHL095-W clock, covering setup, time and alarm setting, operation, maintenance, and troubleshooting. Ensure optimal performance of your Seiko timepiece.</p>
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	<p>Seiko R-Wave XR131-1 Radio-Controlled Clock Instructions</p> <p>Official instructions for the Seiko R-Wave XR131-1 radio-controlled clock. Learn how it works, setup, time zone settings, automatic and manual time setting, DST, and specifications.</p>
	<p>Seiko Clock Limited One-Year Warranty Certificate</p> <p>This document outlines the terms and conditions for the Seiko Clock Limited One-Year Warranty, including coverage, limitations, and procedures for obtaining warranty service.</p>
	<p>Seiko R-Wave Atomic Clock Instructions and Specifications</p> <p>Comprehensive guide to setting up and operating your Seiko R-Wave atomic clock, including features, coverage, time zone selection, manual settings, and power saving mode.</p>
	<p>Seiko Digital Clock Instruction Manual</p> <p>Comprehensive instruction manual for the Seiko digital clock, covering time setting, alarm functions, temperature display, and daylight saving time (DST).</p>
	<p>Seiko Melody Clock Instruction Manual</p> <p>Instruction manual for the Seiko Melody Clock, detailing setup, time and volume adjustment, melody selection, demonstration mode, light sensor functionality, and battery life information.</p>