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Seiko ZS250S

Seiko Hybrid Radio Wave Wall Clock ZS250S Instruction Manual

Model: ZS250S

1. INTRODUCTION

Thank you for purchasing the Seiko Hybrid Radio Wave Wall Clock ZS250S. This clock combines traditional radio wave time correction with modern smartphone synchronization capabilities, ensuring precise timekeeping in various environments. It also features integrated temperature, humidity, and calendar displays for enhanced utility.

This manual provides detailed instructions for setting up, operating, and maintaining your clock. Please read it thoroughly before use to ensure optimal performance and longevity of your device.



Image 1: Seiko Hybrid Radio Wave Wall Clock ZS250S

2. KEY FEATURES

- **Hybrid Time Correction:** Receives standard radio waves (JJY) for automatic time adjustment. If radio wave reception is poor, it can synchronize time with a smartphone via a dedicated app.
- **Multi-Clock Synchronization:** Utilizes Bluetooth to synchronize time between multiple 'Nextime' clocks, ensuring consistent time across different units.
- **Integrated Displays:** Features an LCD display for temperature, humidity, and a full auto calendar until 2099.
- **User-Friendly Design:** Includes a contrast adjustment function for the digital display (5 levels) and a sweep second hand for silent operation.
- **Power Management:** Equipped with a low battery warning and a sleep second hand function that stops the second hand at 12 o'clock in low light conditions to conserve power and improve radio wave reception.

3. PACKAGE CONTENTS

Please ensure all the following items are included in your package:

- Seiko Hybrid Radio Wave Wall Clock ZS250S
- Monitor Batteries (AA x 6)
- Wall mounting hardware for plasterboard (including wood screw x 1, plasterboard hook x 1, nails x 5 (1 spare))
- Instruction Manual (this document)



Image 2: Included wall mounting hardware

4. SETUP

4.1. Placement Considerations

For optimal radio wave reception, place the clock near a window or in an area free from electromagnetic interference. Avoid locations near high-voltage lines, televisions, refrigerators, air conditioners, computers, or metal furniture. If using multiple clocks, ensure the 'parent' unit is in a location with good reception.

When using multiple clocks, if they are on different floors, it is recommended to set up a 'parent' unit on each floor. For clocks on the same floor, ensure they are within approximately 30 meters of the 'parent' unit.

専用アプリをダウンロード

スマートフォンと同期させるには専用アプリ『ClockSyncAppBlue』のダウンロードが必要です。



「ClockSyncAppBlue」をダウンロードするには、App Store または Google Play で「ClockSyncAppBlue」を検索してください。アプリは無料です。

*画面は開発中のものにつき、実際の仕様とは異なる場合があります。



Image 3: Example placement in an office setting.

4.2. Initial Setup (Parent Unit)

The Seiko ZS250S offers two modes for time synchronization: Mode A (JJY Radio Wave) and Mode B (Smartphone App). You must first set up one clock as the 'parent' unit.

1. **Insert Batteries:** Open the battery compartment on the back of the clock and insert 6 AA alkaline batteries, ensuring correct polarity.
2. **Select Mode:** On the back of the clock, locate the switch labeled "JJY / APP". Choose your preferred synchronization method.

Mode A: JJY Radio Wave Synchronization

This mode uses standard radio waves for automatic time correction. This is the default and recommended method if reception is good.

1. Set the switch on the back of the clock to "JJY".
2. Press the **RESET** button using a thin object (e.g., a pen tip). The clock hands will start moving, and the digital display will show a reception mark.
3. Wait for the clock to receive the radio signal. This may take several minutes. The reception strength will be indicated on the digital display (5 levels). Once reception is complete, the hands will adjust to the correct time, and the current date will be displayed.

Mode B: Smartphone App Synchronization

If radio wave reception is consistently poor (e.g., in reinforced concrete buildings or basements), you can use a dedicated smartphone app to synchronize the time.

1. Set the switch on the back of the clock to "APP".

2. Press the **RESET** button using a thin object. The clock hands will start moving, and the digital display will show a reception mark.
3. Download the dedicated app "Clock Sync App Blue" from the App Store (for iOS) or Google Play (for Android).
4. Launch the app on your smartphone and follow the on-screen instructions to pair with your clock. The app will synchronize the time with your clock.

For a visual guide on the setup process, please refer to the official setup video below:

Your browser does not support the video tag.

Video 1: Seiko Nextime Quick Setup Manual. This video demonstrates both JJY radio wave and smartphone app synchronization methods for the parent unit, as well as child unit setup.

4.3. Child Unit Setup (for multiple clocks)

Once the 'parent' unit is successfully set up and displaying the correct time, you can set up additional 'child' units to synchronize with it via Bluetooth. The 'child' units will receive time data from the 'parent' unit.

1. For each 'child' unit, insert batteries.
2. Set the switch on the back of the 'child' unit to " " (Child Unit).
3. Press the **RESET** button on the 'child' unit. The clock hands will start moving, and the digital display will show a reception mark.
4. Ensure the 'parent' unit is powered on and within approximately 30 meters (line of sight) of the 'child' unit. The 'child' unit will automatically receive time data from the 'parent' unit.
5. Once synchronization is complete, the 'child' unit will display the correct time and date.

The setup process for child units is demonstrated in the official setup video (Video 1) from timestamp 1:33 to 2:39.

5. OPERATING INSTRUCTIONS

5.1. Time Display

The clock features traditional analog hands for displaying the current time. The sweep second hand moves continuously for silent operation.

5.2. Digital Display Functions

The integrated LCD display provides additional useful information:

- **Date and Day of Week:** Displays the current date and day of the week, automatically updated via time synchronization.
- **Temperature:** Shows the ambient temperature in Celsius. Measurement range: 0°C to +40°C (Accuracy: ±2°C).
- **Humidity:** Displays the ambient relative humidity. Measurement range: 20%RH to 90%RH at 25°C (Accuracy: ±8%).



地下室でも

自分だけの特別な時間を楽しみたい

電波を受信できない...

スマートフォンの時刻に同期させて
いつでも、どこでも「時刻ぴったり」



窓がない、窓から遠いところでも

限られた時間を最大限有効活用したい

Image 4: Digital display showing time, date, temperature, and humidity.

5.3. Contrast Adjustment

The digital display's contrast can be adjusted in 5 levels to suit different lighting conditions. Use the **UP** and **DOWN** buttons on the back of the clock to change the contrast.

5.4. Sleep Second Hand

The clock features a light sensor. In low light conditions, the second hand will automatically stop at the 12 o'clock position. This function helps conserve battery life and can improve radio wave reception by reducing internal noise.

5.5. Low Battery Warning

When the batteries are running low, the clock will provide a warning. For analog models, the second hand may stop at the 12 o'clock position. For digital models, a battery low mark will appear on the LCD screen. Replace all batteries

promptly when this warning appears.

6. MAINTENANCE

6.1. Cleaning

Wipe the clock's surface with a soft, dry cloth. Do not use chemical cleaners, abrasive cloths, or solvents, as these may damage the finish.

6.2. Battery Replacement

When the low battery warning appears, replace all 6 AA alkaline batteries with new ones. Ensure correct polarity when inserting the new batteries. After replacing batteries, the clock will attempt to re-synchronize the time.

7. TROUBLESHOOTING

If you encounter issues with your Seiko ZS250S clock, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Clock does not display correct time.	Poor radio wave reception. Incorrect mode selection.	Move the clock to a location with better radio wave reception (e.g., near a window). Ensure the mode switch is set to "JJY" for radio wave or "APP" for smartphone sync. If using "APP" mode, ensure the app is running and paired. Press the RESET button after moving or changing settings.
Digital display is dim or unreadable.	Low battery. Incorrect contrast setting.	Replace all batteries. Adjust the contrast using the UP/DOWN buttons on the back of the clock.
Second hand stops at 12 o'clock during the day.	Sleep second hand function activated by low light. Low battery.	Ensure the clock is in a well-lit area. If the issue persists, replace all batteries.
Smartphone app fails to synchronize.	Bluetooth not enabled. App not running. Clock not in "APP" mode. Interference.	Ensure Bluetooth is enabled on your smartphone. Open the "Clock Sync App Blue" and ensure it's running. Verify the clock's mode switch is set to "APP". Reduce interference by moving away from other electronic devices.
Temperature/humidity readings seem inaccurate.	Extreme environmental conditions. Sensor obstruction.	Ensure the clock is not exposed to direct sunlight, drafts, or extreme temperatures. Keep the sensor area on the clock clear. Note that temperature/humidity data is not synchronized between clocks.

If the problem persists after trying these solutions, please contact Seiko customer support.

8. SPECIFICATIONS

Feature	Detail
Brand	Seiko
Model Number	ZS250S
Color	Silver Metallic
Display Type	Analog with Digital LCD
Dimensions (Diameter x Depth)	35.0 cm x 4.8 cm
Weight	1.44 kg
Material	Plastic frame (silver metallic paint), Glass front
Power Source	Battery operated (AA x 6, included)
Time Correction	Radio Wave (40kHz/60kHz auto-select) and Smartphone App Sync
Temperature Display Range	0°C to +40°C (Accuracy: ±2°C)
Humidity Display Range	20%RH to 90%RH at 25°C (Accuracy: ±8%)
Calendar	Full Auto Calendar until 2099
Special Features	Sleep Second Hand, Low Battery Warning, Contrast Adjustment (5 levels), Sweep Second Hand
Mounting Type	Wall Mount
Country of Origin	China

“標準電波” “Bluetooth®”、2つの電波を受信する、
世界初のハイブリッド電波クロック。
だからいつでも、どこでも「時刻ぴったり」

標準電波が受信できない環境では、スマホの専用アプリから時刻を受信して同期します。



Image 5: Seiko ZS250S clock with approximate dimensions.

9. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official Seiko website. If you require technical assistance or have questions not covered in this manual, please contact Seiko customer support through their official channels.

You can find more information and support on the [Seiko Clock Store on Amazon](#).