SEIKO

Digital Clock Instruction Manual

Thank you for your purchase of our SEIKO clock.
Please read this instruction manual carefully before use.

HL056-1

LOCATION AND CARE OF YOUR CLOCK

■ Avoid using your SEIKO clock in the following places:
- Under conditions where the temperature is below -10˚C or above 50˚C.
- e.g. In place exposed to direct sunlight, near heat or hot air caused by heating appliances, etc., or close to flames.
- In moist, humid environments such as in a bathroom.
- Places exposed to strong magnetic fields or vibrations.

■ Care of your clock
Daily care
- When cleaning the clock case, wipe it with a soft moist cloth.
- If the clock case becomes excessively dirty, wipe it with a soft cloth moistened with a small amount of diluted detergent, and wipe again with a dry cloth.
- Do not use chemicals such as benzene, thinner or alcohol, cleanser or brushes, to clean the clock case.
- Do not expose the clock to insecticide or hair spray.

REMARKS ON BATTERIES

⚠ WARNING

<Remarks on alkaline batteries>
(1) Never attempt to short circuit, dismantle, or heat the alkaline battery, or place it in a fire. This may cause a leak of the alkaline solution inside the battery, and if the solution should get into your eyes, it will cause damage. Additionally, the battery may generate intense heat or explode.
(2) If your skin or clothing comes into contact with the alkaline solution, rinse with clean water. If the solution gets into your eyes, rinse eyes with clean water and consult a doctor immediately.

⚠ CAUTION

<Remarks on batteries>
Please be sure to observe the following correct battery usage. Misusing batteries may cause leakage or a battery explosion, which may result in a malfunction of the clock or personal injury.
(1) Insert batteries into the battery holders, locating the plus (+) and minus (-) ends correctly.
(2) If you replace batteries, replace all of them at one time with new ones as specified in this manual.
(3) Batteries used in this clock are not rechargeable. Never attempt to recharge the batteries.
(4) Do not attempt to solder anything directly to batteries.
(5) Do not expose batteries to direct sunlight, heat, or high humidity.
(6) When the clock stops, or it is no longer used, remove the batteries.
(7) As the initial batteries are inserted at the factory, their actual lives once in your possession may be shorter than the specified period.

LIQUID CRYSTAL PANEL

⚠ WARNING

If the liquid crystal panel of the clock is broken, care should be taken to avoid injury. In the case of any of the incidents below, take the following emergency steps ;
- If your skin is in contact with the liquid crystal
  Gently wipe away, rinse your skin with clean water, and wash with soap and water.
- If the liquid crystal gets into your eyes
  Rinse your eyes with clean water for more than 15 minutes, and consult a doctor immediately.
- If the liquid crystal is swallowed
  Rinse the inside of the mouth, drink an excessive amount of water so as to induce vomiting, and consult a doctor immediately.

- Depending on the direction of the clock, the digital display may be faint or uneven.
- When the clock is operated in low temperatures, the response of the digital display may become slower.
- When the clock is operated in high temperatures, the liquid crystal panel may become dark and may not be readable.
- Do not touch the liquid crystal panel, as the digital display may become faint or uneven. If the panel is touched, leave it untouched for a while, and the display will return to normal.

SPECIFICATIONS

- Manual time setting: Loss/gain (monthly rate) is less than 30 seconds (at a normal temperature range between 5˚C and 35˚C)
- Operational temperature range: between -10˚C and +50˚C (the display can be read between 0˚C and +40˚C)
- Automatic calendar: The calendar adjusts automatically for odd and even months including February of leap years from Jan. 1, 2000 to Dec. 31, 2099.
- Time/Calendar display: Hour, minute, second, month, date can be displayed.
  12-hour time indication with AM/PM indicator and 24-hour indication are available.
- Battery: AA Alkaline battery, 3 pieces
- Battery life: Approximately 1 year
- Battery life indicator: When batteries are near their end, the battery life indication mark 🔋 flashes.

* The specifications are subject to change without prior notice due to product improvement.
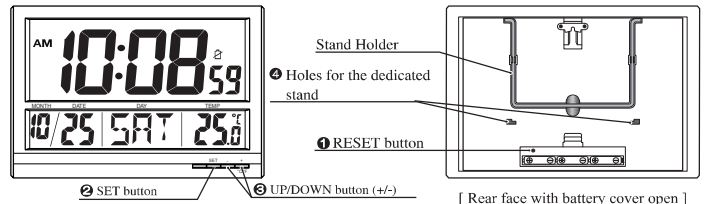
TROUBLESHOOTING

When the product does not operate normally, refer to the table below to check before requesting repair.
If replacing the batteries with new ones, use within the recommended period.

Symptom	Possible Cause	Treatment
Nothing is displayed.	- There is no battery in the clock. - The battery charge is low.	- Check the direction of the newly inserted batteries, and press the RESET button.
	- The positive (+) and negative (-) portions of the battery are positioned incorrectly. - The clock is reset improperly.	- Reinsert the batteries correctly and make sure to press the RESET button.
The time or calendar is not displayed completely.	- The battery charge is low.	- Check the direction of the newly inserted batteries, and press the RESET button.
	- The clock is reset improperly. - Improper operation caused by static electricity, etc.	- Reinsert the batteries correctly and make sure to press the RESET button.
The time or calendar is adjusted improperly.	- The battery charge is low.	- Check the direction of the newly inserted batteries, and press the RESET button.
	The clock is reset improperly.	- Reinsert the batteries correctly and make sure to press the RESET button.
The alarm does not ring.	- The "ALARM switch" is OFF.	- Push the "ALARM switch" to ON.
	- Improper operation caused by static electricity, etc.	- Reinsert the batteries correctly and make sure to press the RESET button.

HOW TO USE THE CLOCK

■ Switches and buttons

Stand Holder
❹ Holes for the dedicated stand
❶ RESET button
❷ SET button
❸ UP/DOWN button (+/-)
[Rear face with battery cover open]

❶ RESET button
Be sure to press the RESET button after the batteries are replaced.
❷ SET button
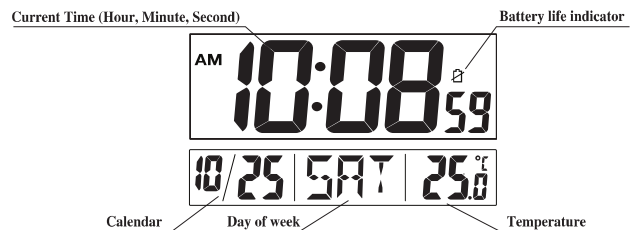The SET button is used to enter the setting mode or to confirm the settings.
❸ UP/DOWN button (+ / -)
The UP/DOWN button is used to set the current time and date by hand.
❹ Holes for the dedicated stand
The dedicated stand is to be inserted into these holes to set the clock upright.

■ Displays

Current Time (Hour, Minute, Second)
Battery life indicator
Calendar
Day of week
Temperature

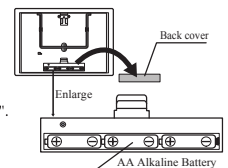Make sure the following are included with the product before use.
● AA alkaline dry cell batteries (JIS standard: LR6), 3pcs
● 1 dedicated stand (already attached to the rear face of the clock body)
● 1 instruction manual (this manual)

■ How to use the clock

Before using the clock, slowly peel off the protective film on the display.
(Black lines or spots may occur due to static electricity at this time. It returns to the normal status if left for a while.)

1. **Insert the batteries (AA Alkaline batteries, JIS standard: LR6), 3 pcs**
   Open the back cover of the battery and insert the batteries.
   Be sure to position the positive ⊕ and negative ⊖ correctly.

Back cover
Enlarge
AA Alkaline Battery

2. **Press the RESET button using a fine-tipped tool.**
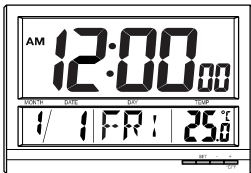   Press the "❶ RESET button" using a fine-tipped tool.
   After all display details are turned on, the time shows "12:00 AM".
   Note: After replacing the batteries with new ones, be sure to press the "❶ RESET button".
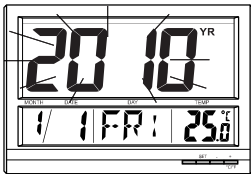
3. **How to set the time and date**
   ①Keep pressing the "❷ SET button" for more than 2 seconds.
   ②With each press of the "❷ SET button", the selected item to be adjusted flashes in the order as shown in the figure below.
   ③Set the date and time with the "❸ UP/DOWN button".
   ● If the "❸ UP/DOWN button" is kept pressed, the time and date digits advance quickly.
   ● If the "❸ UP/DOWN button" or "❷ SET button" is not pressed for more than approximately 4 minutes, the display automatically change to the [NORMAL display]. The time and date are those displayed just before they change to the [NORMAL display].
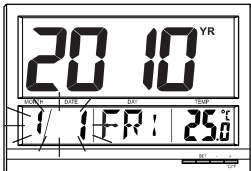
● Since the sensor is inside the clock, the display does not change immediately after the temperature around the clock changes.
● Display when the temperature is in the following conditions:
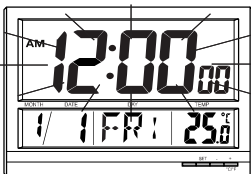 ● Temperature: below -9.9 °C "LO"   above 70°C "HI"

[NORMAL display]
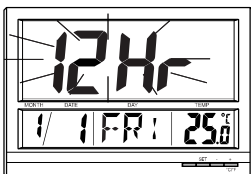Generally use the clock with the normal display.

[YEAR SETTING display]
Press the " ❸ UP/DOWN button" to set the year.
The year can be selected from 2000 to 2099.
The day of week will be automatically adjusted.

[MONTH/DATE SETTING display]
Press the " ❸ UP/DOWN button" to set the month and date.
The day of week will be automatically adjusted.

[TIME SETTING display]
Press the " ❸ UP/DOWN button" to set the time.

[12/24-HOUR INDICATION SETTING display]
Select the 12-hour indication or 24-hour indication
with the " ❸ UP/DOWN button".

④ When selection of 12/24-hour indication is ended, press the "❷ SET button" to confirm the settings and return to the normal display.

■ To select between °C/°F format display
Press "°C/°F" button (UP button) once to toggle between °C and °F format display.

■ Battery life indicator
The clock is equipped with a battery life indicator.
When the batteries are near their end, the battery life indicator flashes to indicate that the batteries have been depleted. When this happens, replace the batteries with new ones.

■ Caution
The clock is equipped with a microcomputer. Defective indication may be caused by interference from static electricity, etc., however, this is not a malfunction. In such a case, press the ❶ RESET button.
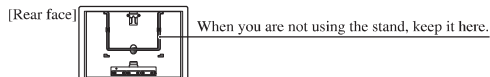● Upon pressing of the ❶ RESET button, all the settings including the time will be reset.
● After replacing the batteries with new ones, be sure to press the ❶ RESET button.

This clock can be used either as a wall clock or as a table clock.
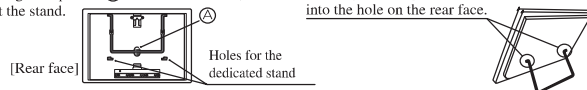
Caution

● For use as a wall clock
When hanging the clock to use it as a wall clock, make sure the stand is not set in the holes.
If the stand is set, remove the stand and keep it in the holding place.

[Rear face]   When you are not using the stand, keep it here.

● For use as a table clock
When using the clock as a table clock, set it upright as shown in the figure below.

① Place your finger on portion Ⓐ of the stand holder, and pull out the stand.

② Securely inserting the dedicated stand into the hole on the rear face.

[Rear face]   Holes for the dedicated stand

● Please place the clock on a firm, level surface.
● Do not hold extra weigh with the stand. It may be bent or fall off.
● Do not use the stand to carry the clock. It may fall off.

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