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SCS Sentinel HCN0055

SCS Sentinel MeteoStation Wireless Weather Station HCN0055 User Manual

Model: HCN0055 | Brand: SCS Sentinel

1. Introduction

Thank you for choosing the SCS Sentinel MeteoStation Wireless Weather Station HCN0055. This device provides real-time indoor and outdoor temperature and humidity readings, weather forecasts, and includes an alarm and calendar function. Please read this manual carefully before use to ensure proper operation and longevity of your device.



Image 1: SCS Sentinel MeteoStation main unit and outdoor sensor. The main unit displays various weather parameters, while the smaller white unit is the wireless outdoor sensor.

2. Package Contents

Ensure all items are present in the package:

- 1 x MeteoStation Main Unit
- 1 x Wireless Outdoor Sensor
- User Manual (this document)

Note: Batteries (4 x AAA 1.5V) are not included and must be purchased separately for both the main unit and the outdoor sensor.

3. Safety Information

- Do not expose the main unit to direct sunlight, extreme temperatures, or moisture.
- The outdoor sensor is designed for outdoor use but should be protected from direct heavy rain and snow for optimal

longevity.

- Use only specified battery types (AAA 1.5V). Do not mix old and new batteries or different types of batteries.
- Dispose of used batteries according to local regulations.
- Do not attempt to disassemble or repair the device yourself. Contact customer support for assistance.

4. Setup

4.1. Battery Installation

1. **Outdoor Sensor:** Open the battery compartment on the back of the outdoor sensor. Insert 2 x AAA 1.5V batteries, ensuring correct polarity (+/-). Close the compartment securely.
2. **Main Unit:** Open the battery compartment on the back of the main unit. Insert 2 x AAA 1.5V batteries, ensuring correct polarity (+/-). Close the compartment securely.

Note: It is recommended to insert batteries into the outdoor sensor first, then the main unit, to facilitate immediate synchronization.

4.2. Sensor Placement

- Place the outdoor sensor in a shaded area, protected from direct sunlight and precipitation, to ensure accurate temperature and humidity readings.
- Ensure the sensor is within the 60-meter wireless range of the main unit (in open field conditions). Walls and other obstacles may reduce this range.
- Mount the sensor vertically using the integrated hanging hole or place it on a flat surface.



Image 2: Proper placement of the wireless outdoor sensor on an exterior wall, away from direct elements.

4.3. Initial Synchronization

After battery installation, the main unit will automatically attempt to connect with the outdoor sensor. This may take a few minutes. Once connected, the outdoor temperature and humidity will be displayed on the main unit.

> *If synchronization fails, remove batteries from both units, wait a few seconds, and reinsert them, starting with the outdoor sensor.*

5. Operating Instructions

5.1. Display Overview

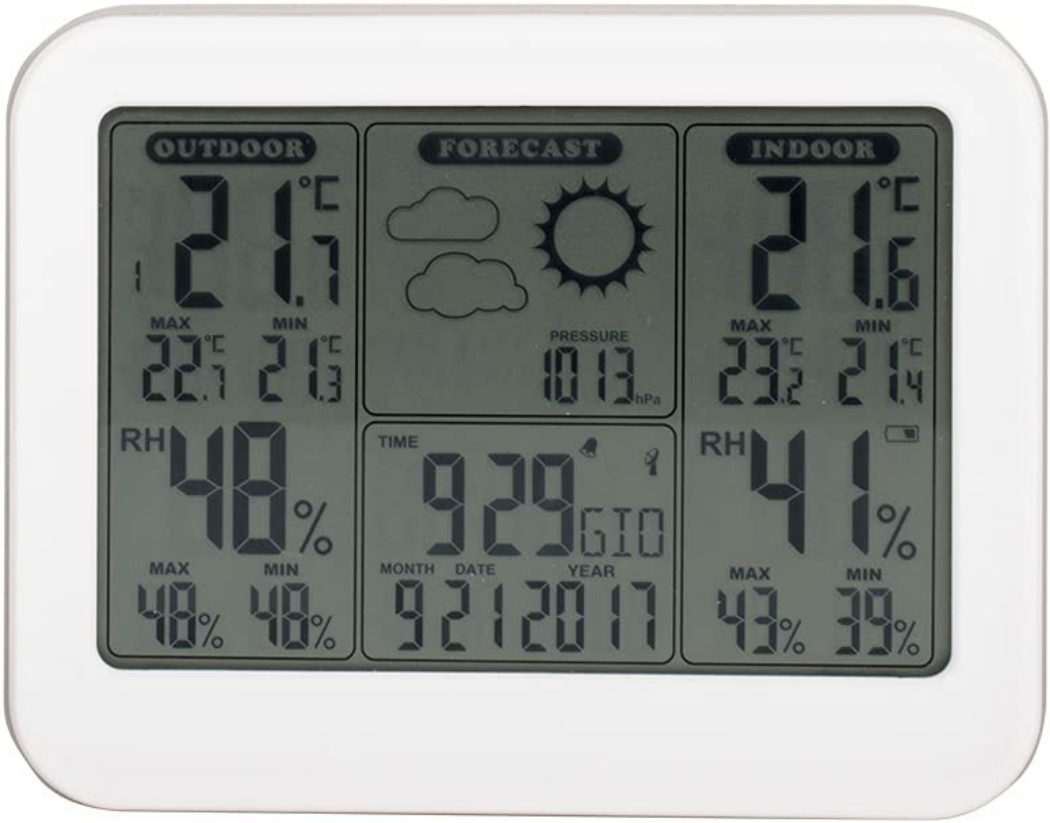

Image 3: Detailed view of the MeteoStation display, showing sections for outdoor conditions, weather forecast, and indoor conditions.

The display is divided into several sections:

- **Outdoor:** Displays outdoor temperature (current, max, min) and humidity (current, max, min).
- **Forecast:** Shows weather trend icons (sunny, cloudy, partly cloudy, rainy) and atmospheric pressure.
- **Indoor:** Displays indoor temperature (current, max, min) and humidity (current, max, min).
- **Time/Date:** Current time, date, and year.
- **Alarm:** Alarm status indicator.

5.2. Setting Time and Date

Refer to the specific buttons on your device (usually labeled MODE, SET, UP, DOWN) to adjust the time and date. Typically:

1. Press and hold the **MODE/SET** button to enter time/date setting mode.
2. Use **UP/DOWN** buttons to adjust values (e.g., hour, minute, year, month, day).
3. Press **MODE/SET** again to confirm each setting and move to the next.

5.3. Setting the Alarm

The MeteoStation includes an alarm function:

1. Press the **ALARM** button (or similar) to view the alarm time.
2. Press and hold the **ALARM** button to enter alarm setting mode.
3. Use **UP**/**DOWN** buttons to set the desired alarm time.
4. Press **ALARM** again to confirm.
5. Toggle the alarm ON/OFF by pressing the**ALARM** button once (a bell icon usually indicates it's active).

5.4. Viewing Max/Min Readings

The device automatically records maximum and minimum temperature and humidity values for both indoor and outdoor. Press the **MAX**/**MIN** button (or similar) to cycle through current, maximum, and minimum readings.

6. Maintenance

- **Cleaning:** Wipe the main unit and sensor with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** Replace batteries when the low battery indicator appears on the display. Always replace all batteries in a unit at the same time.
- **Storage:** If storing the device for an extended period, remove all batteries to prevent leakage.

7. Troubleshooting

Problem	Possible Cause	Solution
No outdoor reading / "---" displayed	Sensor out of range, low sensor battery, interference, or synchronization issue.	Check sensor battery. Move sensor closer to the main unit. Remove batteries from both units, wait 1 minute, then reinsert (sensor first, then main unit) to force re-synchronization.
Inaccurate readings	Sensor exposed to direct sunlight/rain, poor ventilation, or low battery.	Relocate the outdoor sensor to a shaded, protected area. Ensure proper air circulation around both units. Replace batteries.
Display is dim or blank	Low main unit battery.	Replace batteries in the main unit.

8. Specifications

- **Model:** HCN0055
- **Brand:** SCS Sentinel
- **Power Source (Main Unit):** 2 x AAA 1.5V batteries (not included)
- **Power Source (Outdoor Sensor):** 2 x AAA 1.5V batteries (not included)
- **Wireless Frequency:** 433.92 MHz
- **Wireless Range:** Up to 60 meters (open field)
- **Functions:** Indoor/Outdoor Temperature, Indoor/Outdoor Humidity, Weather Forecast, Atmospheric Pressure, Time, Date, Alarm, Max/Min records.
- **Material:** Acrylonitrile Butadiene Styrene (ABS)

- **Dimensions (Main Unit):** Approximately 2.5 x 13 x 13 cm
- **Weight:** Approximately 300 grams (main unit)

9. Warranty Information

The SCS Sentinel MeteoStation HCN0055 comes with a**2-year warranty** against manufacturing defects or material flaws, effective from the date of delivery or product availability.
To claim warranty service, proof of purchase is required. The warranty is strictly limited to the replacement of parts with clearly established manufacturing defects.

This warranty does not cover damage resulting from misuse, accident, unauthorized modification, or improper installation.

10. Customer Support

For technical assistance, installation guidance, or warranty inquiries, please contact SCS Sentinel customer support.
Our technical support team is based in France and is available to provide personalized advice.
Please visit the official SCS Sentinel website for contact details or refer to your purchase documentation.

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