SECRUI KR-TH1

SECRUI KR-TH1 Indoor Hygrometer Thermometer User Manual

Model: KR-TH1

INTRODUCTION

The SECRUI KR-TH1 is an indoor hygrometer and thermometer designed to accurately measure and display the temperature and humidity levels in your environment. This device helps you monitor indoor conditions for optimal comfort and health, featuring a clear LCD display, high and low records, and a comfort level indicator.

Figure 1: SECRUI KR-TH1 Indoor Hygrometer Thermometer overview. The display shows current temperature, humidity, and icons for temperature, humidity, max/min records, °C/°F switch, and comfort indicator.

SETUP

1. Battery Installation

1. Locate the battery compartment cover on the back of the device.
2. Remove the cover by sliding or gently prying it open.
3. Insert one (1) AAA battery, ensuring the correct polarity (+/-) as indicated inside the compartment.
4. Replace the battery compartment cover.
5. The device will power on automatically and begin displaying readings.

2. Mounting Options

The SECRUI KR-TH1 offers multiple ways to place it in your desired location:

- **Durable Stand:** Utilize the integrated pull-out stand on the back to place the device upright on any flat surface, such as a table or desk.
- **Hanging Hold:** Use the hanging hole on the back to mount the device on a wall nail or screw.
- **Strong Magnet:** The device features a built-in magnet, allowing it to be securely attached to metallic surfaces like refrigerators.

Figure 2: Multiple mounting options for the SECRUI KR-TH1, including a stand, magnetic attachment, and hanging hole.

OPERATING INSTRUCTIONS

1. Display Overview

The large LCD display provides clear readings of current conditions and historical data:

- **Current Temperature:** Displays the real-time temperature.
- **Current Humidity:** Displays the real-time humidity percentage.
- **Min/Max Temperature:** Shows the lowest and highest temperatures recorded since the last reset.

- **Min/Max Humidity:** Shows the lowest and highest humidity percentages recorded since the last reset.
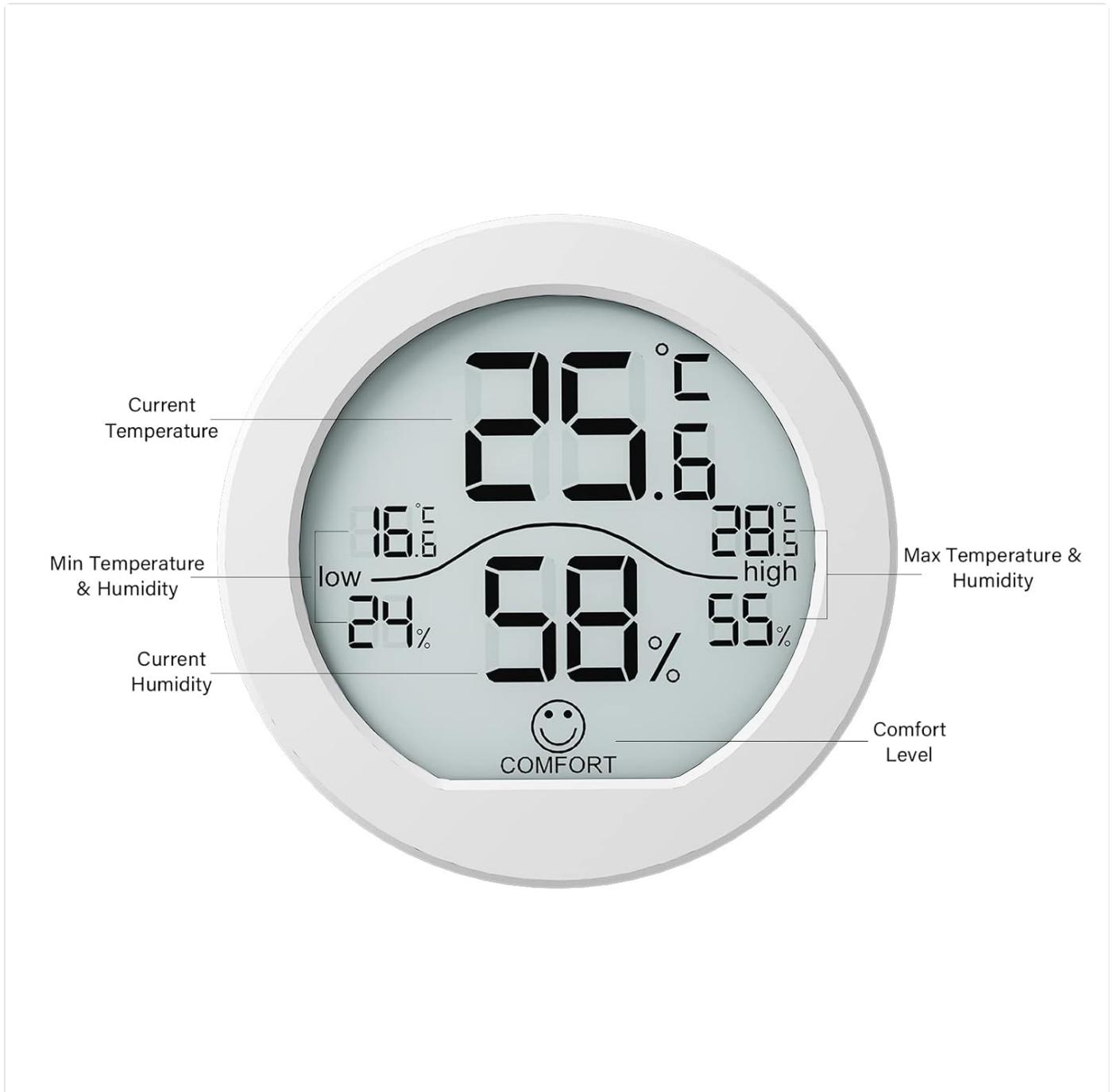- **Comfort Level Indicator:** An icon (face) indicating the current air comfort level.

Figure 3: Detailed breakdown of the SECRUI KR-TH1 display elements.

2. Comfort Level Indicator

The device features a face icon that visually represents the indoor air comfort level based on temperature and humidity:

- **DRY:** Indicates humidity is below 30%.
- **COMFORT:** Indicates humidity is between 40% and 70%, and temperature is between 20°C and 26°C.
- **WET:** Indicates humidity is above 70%.

Figure 4: Explanation of the comfort level indicators (Dry, Comfort, Wet) and their corresponding humidity and temperature ranges.

3. Switching Temperature Units (°C/°F)

To switch between Celsius (°C) and Fahrenheit (°F), locate the small button on the back of the device, usually near the battery compartment. Press this button once to toggle the temperature unit.

4. Resetting High/Low Records

The device automatically records the highest and lowest temperature and humidity values over a 24-hour rolling period. To manually reset these records, press and hold the button on the back of the device for approximately 3 seconds. The high and low records will clear and begin tracking new values.

MAINTENANCE

- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use abrasive cleaners or immerse the device in water.
- **Battery Replacement:** When the display dims or readings become inconsistent, replace the AAA battery as described

in the "Battery Installation" section.

- **Storage:** If storing the device for an extended period, remove the battery to prevent leakage and damage. Store in a cool, dry place.

TROUBLESHOOTING

- **No Display or Dim Display:**

Check battery polarity. Replace the AAA battery if it is low or depleted.

- **Inaccurate Readings:**

Ensure the device is placed in a stable environment, away from direct sunlight, heat sources, or drafts that could affect readings. Allow 10-15 minutes for readings to stabilize after initial setup or relocation.

- **High/Low Records Not Resetting:**

Ensure you are pressing and holding the reset button for the required duration (approximately 3 seconds).

SPECIFICATIONS

Feature	Detail
Model Number	KR-TH1
Temperature Accuracy	±1°F (0.55°C)
Humidity Accuracy	±2~3%RH
Operating Humidity	10-90%
Upper Temperature Rating	70°C (158°F)
Power Source	1 x AAA Battery (1.5 Volts)
Item Weight	82 g
Dimensions	8.31 x 8.1 x 2.69 cm
Data Refresh Rate	Every 10 seconds

WARRANTY AND SUPPORT

SECRUI products are designed for reliability and performance. For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official SECRUI website. Please have your model number (KR-TH1) and purchase date available when contacting support.

For further assistance, you may contact SECRUI customer service through their official channels.