

## DOOMAY 5294

# DOOMAY Digital Indoor Thermometer Hygrometer User Manual

Model: 5294 | Brand: DOOMAY

## 1. INTRODUCTION

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Thank you for choosing the DOOMAY Digital Indoor Thermometer Hygrometer. This device is designed to accurately monitor the temperature and humidity levels in your indoor environment, providing essential data for maintaining a comfortable and healthy living space. Its large LCD display ensures easy readability, and multiple mounting options offer versatile placement.

This manual provides detailed instructions on how to set up, operate, and maintain your new device. Please read it thoroughly before use and keep it for future reference.

# Indoor Temperature & Humidity Monitor



Image: The DOOMAY Digital Indoor Thermometer Hygrometer in a home setting, highlighting its key functions such as thermometer, hygrometer, comfort level indicator, date & time display, °C/°F switcher, and calibration.

## 2. SAFETY INFORMATION

To ensure safe operation and prevent damage to the device, please observe the following precautions:

- Do not expose the device to extreme temperatures, direct sunlight, or high humidity.
- Avoid dropping or subjecting the device to strong impacts.
- Do not disassemble or attempt to repair the device yourself. Refer to qualified personnel for service.
- Keep the device out of reach of children.
- Dispose of used batteries properly according to local regulations.
- Clean the device with a soft, dry cloth. Do not use abrasive cleaners or immerse in water.

## 3. PRODUCT OVERVIEW

### 3.1. Components and Display

The DOOMAY Digital Indoor Thermometer Hygrometer features a clear LCD display and intuitive controls.



Image: Front view of the DOOMAY Digital Thermometer Hygrometer, displaying temperature in Fahrenheit, humidity percentage, and the current time and date. A comfort level icon is also visible.

#### Display Elements:

- **Temperature Display:** Shows current temperature in °C or °F.
- **Humidity Display:** Shows current relative humidity in %.
- **Comfort Level Indicator:** A face icon indicating dry, comfortable, or wet conditions.
- **Time Display:** Shows current time in 12-hour or 24-hour format.
- **Date Display:** Shows current month and day.
- **Battery Indicator:** Appears when battery is low.

### 3.2. Dimensions

The compact design of the DOOMAY thermometer hygrometer allows for easy placement in various locations.



## DOOMAY

## Others



Large LCD Display



Large LCD Display



Big Digits



Big Digits



Calibration



Calibration



Longer Battery Life



Longer Battery Life

Image: A diagram illustrating the dimensions of the DOOMAY Digital Thermometer Hygrometer, showing a width of 8.7 cm (3.43 inches) and a height of 6.5 cm (2.58 inches).

## 4. SETUP

### 4.1. Battery Installation

The device is powered by one CR2450 button cell battery (included).

1. Locate the battery compartment cover on the back of the device.
2. Open the cover by gently pushing and sliding it.
3. Insert the CR2450 battery with the positive (+) side facing up.
4. Close the battery compartment cover securely.

### 4.2. Initial Power On

Once the battery is installed, the device will automatically power on and display the current temperature, humidity, time,



and date.

### 4.3. Placement Options

The DOOMAY thermometer hygrometer offers multiple convenient mounting options:

- **Tabletop Stand:** Use the integrated foldable stand to place the device on any flat surface.
- **Magnetic Mount:** The device has a magnetic back, allowing it to be attached to metallic surfaces like refrigerators.
- **Wall Mount:** Use the included metal adhesive pad to stick the device to a wall.



Image: Examples of suitable environments for the DOOMAY Digital Thermometer Hygrometer, such as a baby room, office, greenhouse, and wine cellar, demonstrating its versatility.

## 5. OPERATING INSTRUCTIONS

The device provides accurate and responsive readings, refreshing every 10 seconds.



Image: A visual representation of the device's 10-second refresh rate, showing air circulation around its sensors.

## 5.1. Changing Temperature Unit (°C/°F)

To switch between Celsius (°C) and Fahrenheit (°F):

- Press the "▲" button located on the back of the device.
- The temperature unit on the display will toggle between °C and °F.



Image: Two displays side-by-side, one showing temperature in Celsius and the other in Fahrenheit, illustrating the unit conversion.

## 5.2. Setting Time and Date

To adjust the time and date settings:

1. Press and hold the **"SET"** button on the back of the device until the hour digits start flashing.
2. Use the "▲" or "▼" buttons to adjust the hour.
3. Press **"SET"** again to confirm the hour and move to minutes.
4. Repeat the process for minutes, month, and date.
5. Press **"SET"** one last time to exit setting mode.

To change the time format (12-hour/24-hour):

- Press the "▼" button to toggle between 12-hour (AM/PM) and 24-hour formats.



Image: Two displays showing the time, one in 12-hour format with AM/PM indicator and the other in 24-hour format, demonstrating the time format switch.

## 5.3. Calibration

The device allows for manual calibration of temperature and humidity readings to ensure accuracy in specific environments. The calibration range is  $\pm 5^{\circ}\text{C}/\pm 9^{\circ}\text{F}$  for temperature and  $\pm 10\%\text{RH}$  for humidity.

1. Press and hold the **"SET"** button for 5 seconds to enter calibration mode. The temperature reading will start flashing.
2. Use the "▲" or "▼" buttons to adjust the temperature offset.
3. Press **"SET"** to confirm the temperature offset and move to humidity calibration. The humidity reading will start flashing.

- 4. Use the "▲" or "▼" buttons to adjust the humidity offset.
- 5. Press "SET" to save the calibration settings and exit calibration mode.

5.4. Understanding the Comfort Level Indicator

The device features a comfort level indicator (face icon) that quickly shows the air conditions:



Image: A table illustrating the comfort level indicator. A sad face indicates dry conditions (humidity < 30%), a neutral face indicates comfortable conditions (30% ≤ humidity ≤ 70%), and another sad face indicates wet conditions (humidity > 70%).

Comfort Level Guide

Icon	Condition	Humidity Range
(Sad Face)	Dry	Humidity < 30% RH
(Smiling Face)	Comfortable	30% RH ≤ Humidity ≤ 70% RH



Icon	Condition	Humidity Range
(Sad Face)	Wet	Humidity > 70% RH

## 6. MAINTENANCE

### 6.1. Cleaning

To clean the device, wipe it gently with a soft, dry cloth. Do not use liquid cleaners, aerosols, or abrasive materials, as these may damage the display or internal components.

### 6.2. Battery Replacement

When the battery symbol appears on the display, it indicates that the battery level is low and needs replacement. Follow the battery installation steps in Section 4.1 to replace the CR2450 battery. A new battery typically lasts for 12 months.

### 6.3. Storage

If the device will not be used for an extended period, remove the battery to prevent leakage and store it in a cool, dry place.

## 7. TROUBLESHOOTING

### Common Issues and Solutions

Problem	Possible Cause	Solution
No display or faint display	Low or dead battery; incorrect battery installation.	Replace the CR2450 battery; ensure battery is inserted with correct polarity (+ side up).
Inaccurate readings	Device not calibrated; placed in an area with extreme conditions or poor air circulation.	Perform manual calibration (Section 5.3); move device to a more stable environment. Allow 30 minutes for readings to stabilize after moving.
"LL°C" or "HH°C" displayed	Temperature is outside the measurable range.	"LL°C" indicates temperature below -9.9°C. "HH°C" indicates temperature above 60°C. Move the device to an environment within the operating temperature range.
Time/Date incorrect	Time/Date not set or reset after battery change.	Set the time and date manually (Section 5.2).

## 8. SPECIFICATIONS

Feature	Detail
Model Number	5294
Temperature Range	-9.9°C to 60°C (14.2°F to 140°F)
Temperature Accuracy	±1°C
Humidity Range	10% to 99% RH



Feature	Detail
Humidity Accuracy	±5% RH
Display Resolution	0.1°C
Refresh Rate	10 seconds
Power Source	1 x CR2450 Lithium Metal Battery (included)
Battery Life	Approx. 12 months
Dimensions (L x W x H)	8.7 x 6.5 x 1.3 cm (3.43 x 2.58 x 0.51 inches)
Weight	70 grams
Mounting Options	Tabletop, Magnetic, Wall Mount

## 9. WARRANTY AND SUPPORT

DOOMAY products are manufactured to high-quality standards. For any questions, issues, or warranty claims, please contact the seller or DOOMAY customer support through the platform where you purchased the product. Please have your order number and product model number ready when contacting support.