ThermoPro TP-152

ThermoPro TP152 Indoor Thermometer and Hygrometer User Manual

Brand: ThermoPro | Model: TP-152

Introduction

Thank you for purchasing the ThermoPro TP152 Indoor Thermometer and Hygrometer. This device is designed to provide accurate and reliable measurements of indoor temperature and humidity, along with a convenient clock display. Its large, easy-to-read screen and versatile placement options make it an essential tool for monitoring your indoor environment.



A front view of the ThermoPro TP152 digital thermometer and hygrometer, showcasing its large LCD display with temperature, humidity, and time readings, along with the control buttons.

Product Features

- **Large LCD Display:** Features a 3.3-inch LCD screen with large digits for clear and easy reading of temperature and humidity from a distance.
- **Clock Function:** Displays time and allows for easy time setting.
- **Max/Min Records:** Stores and displays the highest and lowest temperature and humidity readings over the past 24 hours.
- **High Accuracy:** Equipped with a high-precision sensor providing accurate temperature readings (±0.5°C) and humidity readings (±2% for 30%-80%). Data refreshes every 10 seconds.
- **Multiple Placement Options:** Designed with a tabletop stand, magnetic back for metal surfaces, and a wall-mount hole for flexible placement anywhere in your home or workspace.



The ThermoPro TP152 device is shown on a bedside table, with a person and a dog in the background, illustrating its use in a home environment. Icons around the image point to its features: temperature, humidity, time display, max/min record, Celsius/Fahrenheit switch, and large screen.

Setup

1. Battery Installation

- Locate the battery compartment on the back of the unit.
- Insert 1 AAA battery, ensuring correct polarity (+/-).
- Close the battery compartment cover securely.

2. Initial Power-On

- The device will automatically power on and display current temperature, humidity, and time.

3. Placement

- **Tabletop:** Use the integrated kickstand to place the unit on any flat surface.
- **Magnetic Mount:** The strong magnet on the back allows attachment to refrigerators or other metal surfaces.
- **Wall Mount:** Use the hanging hole on the back to mount the unit on a wall using a nail or screw (not included).



The ThermoPro TP152 is shown in different environments, including a baby's room, a greenhouse, a warehouse, a wine cellar, an incubator, and a living room, demonstrating its versatility and suitability for various indoor spaces.

Operation

1. Reading Temperature and Humidity

- The current temperature and humidity are displayed prominently on the large LCD screen.



A close-up of the ThermoPro TP152 showing the time display prominently, with a person working on a laptop and a sleeping dog in the background, emphasizing its clock functionality.

2. Setting the Time

- Press and hold the 'SET' button for 2 seconds to enter time setting mode. The hour digits will flash.
- Press the '▲' (Up) or '▼' (Down) button to adjust the hour.
- Press 'SET' again to confirm the hour and move to minute setting. The minute digits will flash.
- Press the '▲' (Up) or '▼' (Down) button to adjust the minutes.
- Press 'SET' again to confirm the minutes and exit time setting mode. If no button is pressed for 20 seconds, the device will automatically exit setting mode.
- To switch between 12-hour and 24-hour display, press the 'SET' button briefly while in normal display mode.



A four-panel graphic illustrating the process of setting the time on the ThermoPro TP152. It shows pressing the SET button, adjusting hours, adjusting minutes, and the final display after setting.

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

- Press the '°F/°C' button to toggle between Celsius (°C) and Fahrenheit (°F).

4. Viewing Max/Min Records

- Press the 'MAX/MIN' button once to display the maximum temperature and humidity recorded over the past 24 hours.
- Press the 'MAX/MIN' button again to display the minimum temperature and humidity recorded over the past 24 hours.
- Press the 'MAX/MIN' button a third time to return to current readings.
- To clear the Max/Min records, press and hold the 'MAX/MIN' button for 2 seconds while Max/Min values are displayed.



The ThermoPro TP152 display is shown alongside two magnified views, illustrating how it records and displays the maximum and minimum temperature and humidity values over a 24-hour period. The image also details the temperature and humidity measurement ranges.

Maintenance

- Clean the device with a soft, damp cloth. Do not use abrasive cleaners or immerse the unit in water.
- Replace the AAA battery when the display dims or becomes unreadable.
- Store the device in a dry environment when not in use for extended periods.

Troubleshooting

Problem	Possible Cause	Solution
Display is blank or dim.	Low or dead battery; incorrect battery installation.	Replace the AAA battery with a new one, ensuring correct polarity.

Problem	Possible Cause	Solution
Inaccurate temperature/humidity readings.	Device placed near heat sources, vents, or in direct sunlight; sensor obstruction.	Relocate the device to a stable environment away from extreme temperature fluctuations or direct airflow. Ensure the sensor area is clear.
Time setting not working.	Buttons not pressed correctly or quickly enough.	Ensure you press and hold the 'SET' button for 2 seconds to enter setting mode. Follow the steps precisely.

Specifications

Feature	Detail
Model	TP-152
Temperature Range	-20°C to 70°C (-4°F to 158°F)
Temperature Accuracy	±0.5°C
Humidity Range	10% to 99% RH
Humidity Accuracy	±2% (30% to 80% RH)
Display Type	Digital LCD
Power Source	1 x AAA Battery (included)
Dimensions	10.6 x 8.7 x 2.4 cm (4.17 x 3.43 x 0.94 inches)
Weight	120 g (0.26 lbs)
Features	High precision, Fast refresh, Max/Min record, Clock, Multiple placement options

Warranty and Support

ThermoPro provides a 1-year warranty for this product from the date of purchase. Additionally, lifetime customer support is available for all ThermoPro products.

For further assistance or inquiries, please visit the official ThermoPro website or contact their customer service.

You can find more information and support at theThermoPro Brand Store.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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