ThermoPro TP55

ThermoPro TP55 Digital Indoor Thermometer Hygrometer User Manual

1. INTRODUCTION

The ThermoPro TP55 is a digital indoor thermometer and hygrometer designed to accurately monitor temperature and humidity levels in your living environment. This device features a large, easy-to-read LCD display with a backlight, touchscreen controls, and the ability to record maximum and minimum values over time. It also provides a comfort level indicator to help you maintain an optimal indoor climate.

This manual provides detailed instructions on how to set up, operate, and maintain your ThermoPro TP55 to ensure accurate and reliable performance.

2. PACKAGE CONTENTS

- 1 x ThermoPro TP55 Digital Indoor Thermometer Hygrometer
- 1 x Japanese Instruction Manual
- 2 x AAA 1.5V Batteries (for initial operation/testing)

セット内容：

☑ 温湿度計本体
☑ 日本語説明書
☑ 単4形乾電池×2（同梱）
☑ 電池の容量：500mAh
☑ 電池寿命：1年

Image: The ThermoPro TP55 device, its instruction manual, and two AAA batteries, as typically found in the product packaging.

3. PRODUCT FEATURES

- **Large LCD Display:** Clearly shows current temperature and humidity.
- **Backlight Function:** Blue backlight for easy reading in low-light conditions. Activated by touch.
- **Touchscreen Controls:** Simple operation for unit selection, backlight, and MAX/MIN data.
- **MAX/MIN Records:** Displays highest and lowest temperature and humidity recorded over the last 24 hours or since the last reset.
- **Comfort Level Indicator:** Shows indoor humidity status as DRY, COMFORT, or WET.
- **Temperature/Humidity Trend Arrows:** Indicates whether temperature and humidity are rising, falling, or remaining constant.
- **Fast Refresh Rate:** Readings update approximately every 10 seconds.

デジタル温湿度計

家族が快適に過ごせるお部屋に ■

リセット	過去の数値がリセットされる		タッチスクリーン		バックライト
	全ての期間/24 時間切り替え		温度と湿度の傾向		大きいスクリーン

Image: An overview of the ThermoPro TP55's display, highlighting its key features such as the backlight button, F/C switch, and the 'ALL TIME / 24 HRS' button.

Image: A close-up of the TP55's screen, detailing the display of current humidity, high/low humidity, comfort level (DRY, COMFORT, WET), current temperature, and high/low temperature.

4. SETUP

4.1. Battery Installation

1. Locate the battery compartment on the back of the device.
2. Remove the battery compartment cover.
3. Insert two AAA (1.5V) batteries, ensuring correct polarity (+ and -).
4. Replace the battery compartment cover.

The device will power on automatically and begin displaying temperature and humidity readings.

5. OPERATION

5.1. Temperature Unit Selection

Touch the '°F/°C' button on the touchscreen to switch between Celsius and Fahrenheit temperature units.

5.2. Backlight Control

Touch the light bulb icon button on the touchscreen to turn the blue backlight ON or OFF. The backlight will automatically turn off after approximately 15 seconds to conserve battery life.

Image: The ThermoPro TP55 display with its blue backlight illuminated, demonstrating the visibility in a dimly lit room. A finger is shown activating the backlight via the touch button.

5.3. MAX/MIN Record Display and Reset

Touch the 'ALL TIME / 24 HRS' button on the touchscreen to toggle between displaying MAX/MIN temperature and humidity records for the last 24 hours or since the last manual reset. To manually reset the MAX/MIN records, press and hold the 'ALL TIME / 24 HRS' button for 3 seconds.

5.4. Comfort Level Indicator

The device displays one of three comfort levels based on humidity:

- **DRY:** Humidity is below 30% RH.
- **COMFORT:** Humidity is between 30% and 60% RH.
- **WET:** Humidity is above 60% RH.

6. PLACEMENT OPTIONS

The ThermoPro TP55 offers three versatile placement options:

- **Magnetic Attachment:** A strong magnet on the back allows you to attach the device to

metallic surfaces like refrigerators.

- **Wall Mount:** Use the integrated hook hole to hang the device on a wall.
- **Tabletop Stand:** A fold-out stand allows for convenient placement on any flat surface.

Image: A visual representation of the three placement methods for the ThermoPro TP55: magnetic backing, a wall-hanging slot, and a foldable stand for desktop use.

7. MAINTENANCE

7.1. Cleaning

Wipe the device with a soft, damp cloth. Do not use abrasive cleaners or immerse the device in water.

7.2. Battery Replacement

When the battery indicator appears on the display, replace the two AAA batteries with new ones to ensure continued accurate operation. Refer to section 4.1 for battery installation instructions.

8. TROUBLESHOOTING

- **No Display:** Ensure batteries are installed correctly with the correct polarity. Replace batteries if they are depleted.

- **Inaccurate Readings:** Allow the device to stabilize for at least 30 minutes after initial setup or relocation. Ensure it is not placed near heat sources, direct sunlight, or strong drafts.
- **Backlight Not Working:** Check battery level. If batteries are low, the backlight may not function.

9. SPECIFICATIONS

Feature	Detail
Temperature Range	-50°C to 70°C (-58°F to 158°F)
Humidity Range	10% to 99% RH
Temperature Accuracy	±1°C (±1.8°F)
Humidity Accuracy	±2% (for 30-80% RH), ±3% (otherwise)
Refresh Rate	Every 10 seconds
Power Source	2 x AAA 1.5V Batteries
Battery Life	Approximately 1 year
Dimensions (H x W x D)	11 cm x 8.5 cm x 2.4 cm
Weight	160 g

10. WARRANTY & SUPPORT

10.1. Warranty Information

ThermoPro provides a 1-year warranty for this product from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

10.2. Customer Support

For any questions, issues, or support needs regarding your ThermoPro TP55, please contact ThermoPro customer service. Contact information can typically be found on the official ThermoPro website or within the product packaging.