

## ThermoPro TP68B

# ThermoPro TP68B Weather Station User Manual

Model: TP68B

## INTRODUCTION

The ThermoPro TP68B Weather Station is a comprehensive device designed to provide accurate indoor and outdoor temperature and humidity readings, along with barometric pressure and a dynamic weather forecast. This wireless system offers an extended transmission range, allowing for flexible placement of the remote sensor. With its large, adjustable LCD display, the TP68B ensures clear visibility of essential weather data, helping you monitor your environment effectively.



Image: The ThermoPro TP68B Weather Station main display unit on a table in a living room, with the remote sensor visible in the background, illustrating its wireless capability.

## PACKAGE CONTENTS

- 1 x Receiver (Main Display Unit)
- 1 x Transmitter (Outdoor Remote Sensor)

- 1 x USB Charger
- 2 x USB Charging Cables
- 1 x User Manual

## KEY FEATURES

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- **Enhanced 500FT Wireless Range:** Provides a robust wireless connection up to 500 feet (150 meters) for reliable data transmission from the outdoor sensor to the main unit.
- **Dynamic Weather Forecast:** Predicts weather conditions up to 24 hours in advance based on barometric pressure changes, displaying icons for sunny, partially cloudy, cloudy, rainy, and snowy conditions.
- **High Accuracy Sensors:** Utilizes Swiss-made barometric, temperature, and humidity sensors for precise real-time readouts.
- **Rechargeable Outdoor Sensor:** The weatherproof and cold-resistant remote sensor features a rechargeable battery, eliminating the need for frequent battery replacements.
- **Adjustable Brightness LCD Display:** The 7-inch large LCD screen offers 3 adjustable brightness levels for optimal viewing in various lighting conditions.
- **Multi-Location Monitoring:** Supports up to 3 wireless sensors (one included, additional sensors sold separately) for monitoring temperature and humidity in multiple locations.
- **Max/Min Records:** Tracks and displays maximum and minimum temperature and humidity readings for both indoor and outdoor environments.
- **Barometric Pressure History:** Displays a 12-hour barometric pressure history graph, aiding in weather trend analysis.

# LARGE INFORMATIVE WEATHER STATION WITH 4 ADJUSTABLE BRIGHTNESS LEVELS

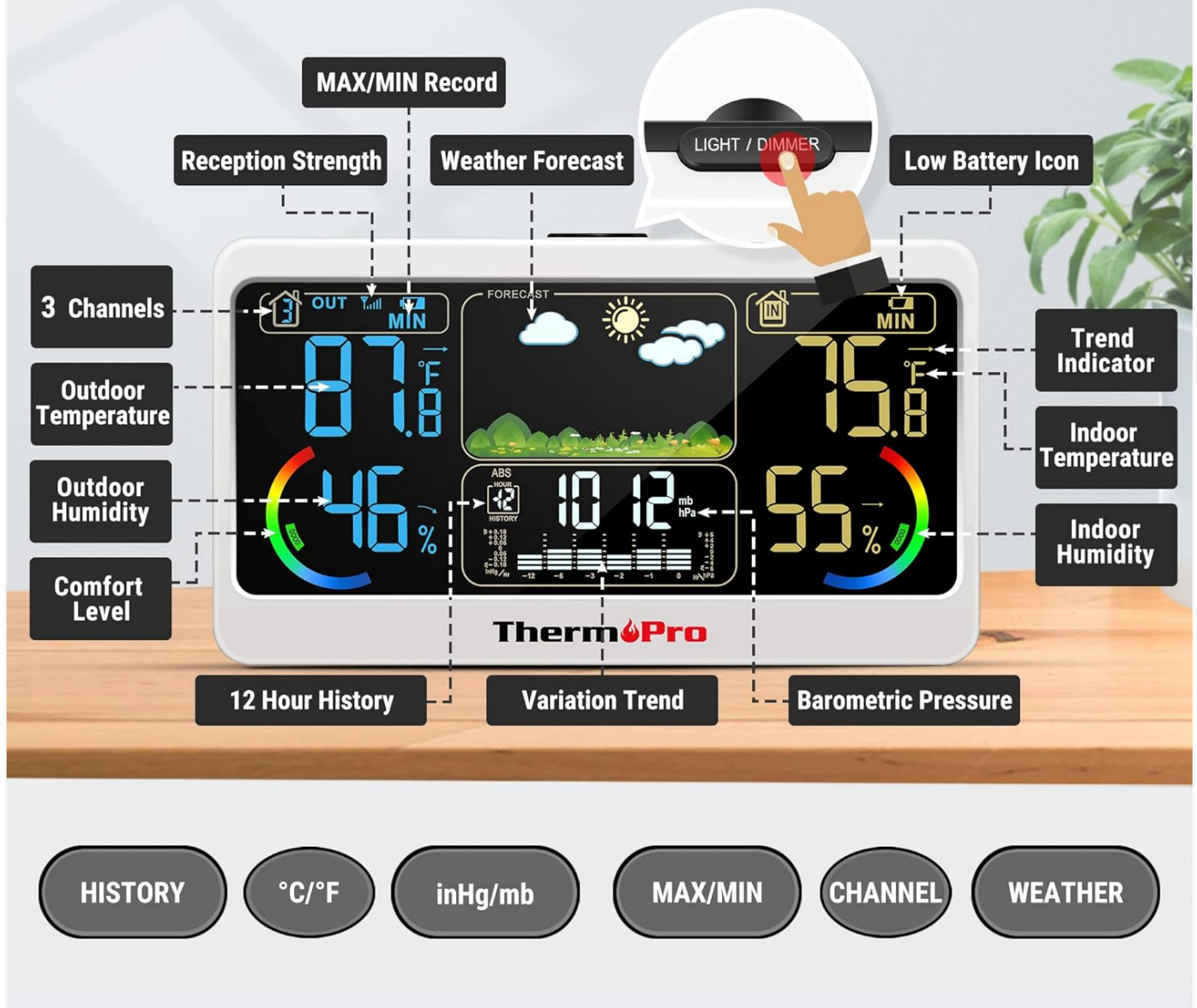


Image: A close-up of the main display unit highlighting its various indicators such as MAX/MIN record, reception strength, weather forecast, indoor/outdoor temperature and humidity, comfort level, 12-hour history, variation trend, and barometric pressure.



# ENHANCED **500FT/150M** TRANSMISSION RANGE

Cold-resistant Temperature Sensor



Image: An illustration demonstrating the 500ft/150m wireless transmission range of the TP68B, with the main unit indoors and the remote sensor mounted outside in a snowy environment.

# HIGH PRECISION SWISS-MADE SENSIRION SENSOR

Temperature Accuracy:  $\pm 0.5^{\circ}\text{F}$

Humidity Accuracy:  $\pm 2\%\text{RH}$

Barometric Pressure Accuracy:  
 $\pm 0.059\text{inHg}(\pm 2\text{mba})$



Image: A visual representation emphasizing the high precision of the Swiss-made Sensirion sensors used in the TP68B, showing multiple units displaying consistent readings.



# DYNAMIC WEATHER FORECAST

Determined by Barometer Pressure Graph with 12 Hours History



Image: A graphic illustrating the five dynamic weather forecast icons (Sunny, Partially Cloudy, Cloudy, Rainy, Snow) determined by the barometer pressure graph with 12 hours of history.

## SETUP

### 1. Powering the Main Display Unit (Receiver)

1. Connect the provided USB charger to the main display unit's power input.
2. Plug the USB charger into a standard AC power outlet.
3. For backup power during outages, insert 3 x AAA batteries (not included) into the battery compartment on the back of the unit. Note that display brightness control is only available when powered by the AC adapter.

### 2. Powering and Placing the Remote Sensor (Transmitter)

1. The remote sensor comes with a built-in rechargeable battery. Use one of the provided USB charging cables to charge the sensor if needed.

2. Place the remote sensor outdoors in a location that is sheltered from direct sunlight and rain for accurate readings. Ensure it is within the 500ft (150m) wireless range of the main display unit. Avoid placing it near large metal objects or strong electromagnetic interference sources.

### 3. Pairing the Units

1. Once both units are powered on, they should automatically pair. The outdoor temperature and humidity readings will appear on the main display.
2. If pairing fails, press and hold the "CHANNEL" button on the main unit for 3 seconds to re-enter pairing mode. Then, press the "RESET" button on the remote sensor.

## – SAVE MONEY ON BATTERIES! –

### • Rechargeable Sensor



USB charging



### • Plug-in Receiver



AC power supply



AAA Batteries  
(no-included)



Image: An illustration showing the rechargeable remote sensor being charged via USB and the main receiver unit powered by an AC adapter with an option for AAA battery backup.

## OPERATING INSTRUCTIONS

## Understanding the Display

The large LCD display provides a wealth of information at a glance:

- **Indoor Temperature & Humidity:** Located on the right side of the display.
- **Outdoor Temperature & Humidity:** Located on the left side of the display.
- **Weather Forecast:** Icons at the top center indicate predicted weather (Sunny, Partially Cloudy, Cloudy, Rainy, Snow).
- **Barometric Pressure:** Numeric value and 12-hour history graph in the center.
- **MAX/MIN Records:** Displays the highest and lowest recorded temperatures and humidity levels.
- **Trend Arrows:** Indicate whether temperature, humidity, or barometric pressure are rising, falling, or remaining steady.
- **Comfort Level:** An indicator showing the comfort level based on indoor humidity.

## Adjusting Settings

- **Brightness Adjustment:** Press the "LIGHT/DIMMER" button on the top of the main unit to cycle through 3 brightness levels.
- **Temperature Unit (°C/°F):** Press the "°C/°F" button on the back of the main unit to switch between Celsius and Fahrenheit.
- **Barometric Pressure Unit (inHg/mb):** Press the "inHg/mb" button on the back of the main unit to switch between inches of mercury and millibars/hectopascals.
- **MAX/MIN Records:** Press the "MAX/MIN" button to view the maximum and minimum recorded values. Press again to clear them.
- **Channel Selection:** If using multiple outdoor sensors, press the "CHANNEL" button to cycle through the channels (1, 2, 3) and view readings from different sensors.
- **Weather Forecast Calibration:** The weather forecast is based on barometric pressure changes. To improve accuracy over time, you can manually adjust the forecast icon to match current conditions by pressing the "WEATHER" button on the back of the unit. This helps the unit learn your local weather patterns.

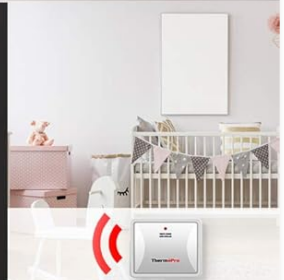


# TRACK INDOOR OUTDOOR TEMPERATURE & HUMIDITY UP TO 4 LOCATIONS

Indoor temperature  
and humidity



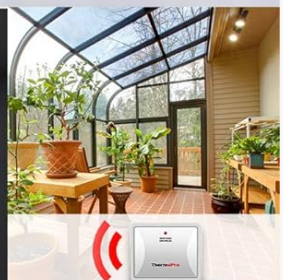
  
Baby Room



  
Wine Cellar



  
Greenhouse



Product contains only 1 sensor, more sensors can be ordered separately

Image: An illustration showing the TP68B's capability to track indoor and outdoor temperature and humidity from up to 4 locations, with examples like a baby room, wine cellar, and greenhouse.



! All Time: Since Battery Installation or Data Reset



Barometer Graph Ensures Accurate Weather Forecasts in Next 12-24 Hours



Cut the Grass



Hiking



Walk the Dog

## Displays up to 5 Different Weather Icons

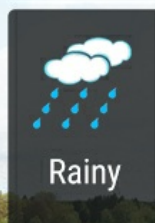
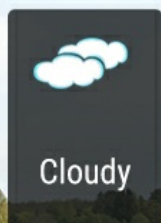


Image: A detailed view of the barometer graph on the display, illustrating how it ensures accurate weather forecasts for the next 12-24 hours, along with the corresponding weather icons.

## MAINTENANCE

- **Cleaning:** Wipe the main display unit and remote sensor with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Remote Sensor Battery:** The remote sensor has a rechargeable battery. Recharge it using the provided USB cable when the low battery indicator appears on the main display.
- **Main Unit Backup Batteries:** If using AAA batteries for backup, replace them when the low battery indicator for the main unit appears.
- **Placement:** Ensure the outdoor sensor remains protected from direct harsh weather conditions (e.g., heavy rain, snow, direct prolonged sunlight) to maximize its lifespan and accuracy.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
No outdoor temperature/humidity reading or dashes on display.	Remote sensor out of range. Remote sensor battery low or dead. Interference from other electronic devices. Units not paired correctly.	Move the main unit closer to the remote sensor. Recharge the remote sensor battery. Relocate the units away from potential sources of interference (e.g., TVs, computers, microwaves). Re-pair the units: Press and hold "CHANNEL" on main unit for 3s, then press "RESET" on sensor.

Problem	Possible Cause	Solution
Inaccurate temperature/humidity readings.	Sensor exposed to direct sunlight or moisture. Sensor placed near heat sources or vents.	Relocate the outdoor sensor to a shaded, well-ventilated area, protected from direct rain. Ensure both units are placed away from direct heat or cold sources.
Weather forecast is incorrect.	Forecast is based on barometric pressure changes, not real-time conditions. Initial calibration period.	Understand that the forecast predicts future weather based on pressure trends, not current observations. Allow the unit a week or more to learn local pressure patterns. Manually adjust the forecast icon using the "WEATHER" button to help it calibrate.
Display is dim or blank.	AC adapter not connected or faulty. Backup batteries low or dead (if running on battery only).	Ensure the AC adapter is securely plugged in and functioning. Replace the AAA backup batteries in the main unit. Adjust brightness using the "LIGHT/DIMMER" button.

## SPECIFICATIONS

Feature	Detail
Model	TP68B
Brand	ThermoPro
Indoor Temperature Range	-4°F to 158°F (-20°C to 70°C)
Outdoor Temperature Range	-31°F to 158°F (-35°C to 70°C)
Temperature Accuracy	±0.5°F (±0.2°C)
Humidity Accuracy	±2%RH
Barometric Pressure Accuracy	±0.059inHg (±2mba)
Wireless Transmission Range	Up to 500ft (150m) in open air
Power Source (Main Unit)	AC Adapter (included), 3 x AAA batteries (not included) for backup
Power Source (Remote Sensor)	Rechargeable Lithium Metal battery (included), charged via USB
Display Type	LCD with adjustable brightness
Product Dimensions	0.98"D x 7.09"W x 3.98"H (Main Unit)
Item Weight	1.28 pounds
Connectivity Technology	Radio Frequency
Sensor Technology	Swiss-made barometric/temperature/humidity sensor





## WARRANTY AND SUPPORT



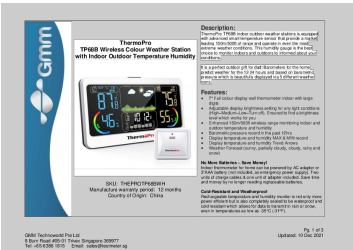
ThermoPro products typically come with a warranty. Please refer to the warranty information included in your product packaging or visit the official ThermoPro website for detailed warranty terms and conditions. For technical support, troubleshooting assistance, or to inquire about additional sensors, please contact ThermoPro customer service through their official channels. Contact information can usually be found on the manufacturer's website or in the product manual. Official ThermoPro Website: [www.buythermopro.com](http://www.buythermopro.com)

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Related Documents

	<p><a href="#">ThermoPro TP67B Wireless Indoor/Outdoor Digital Thermometer Hygrometer with Weather Forecast</a></p> <p>Explore the ThermoPro TP67B, a wireless digital thermometer and hygrometer featuring a weather forecast function. This device offers a rechargeable battery, a waterproof outdoor sensor, and accurate readings for indoor and outdoor environmental conditions.</p>
	<p><a href="#">ThermoPro TP-67 Wireless Weather Station Instruction Manual</a></p> <p>Comprehensive instruction manual for the ThermoPro TP-67 Wireless Weather Station, covering setup, features, operation, troubleshooting, and specifications.</p>
	<p><a href="#">ThermoPro TP63B Wireless Indoor/Outdoor Humidity &amp; Temperature Monitor Instruction Manual</a></p> <p>Comprehensive instruction manual for the ThermoPro TP63B wireless indoor/outdoor humidity and temperature monitor, covering features, setup, operation, troubleshooting, and specifications.</p>
	<p><a href="#">ThermoPro TP-60 Wireless Indoor/Outdoor Humidity and Temperature Monitor Instruction Manual</a></p> <p>Comprehensive instruction manual for the ThermoPro TP-60 wireless indoor/outdoor humidity and temperature monitor, covering setup, features, specifications, and troubleshooting.</p>

Documents - ThermoPro – TP68B

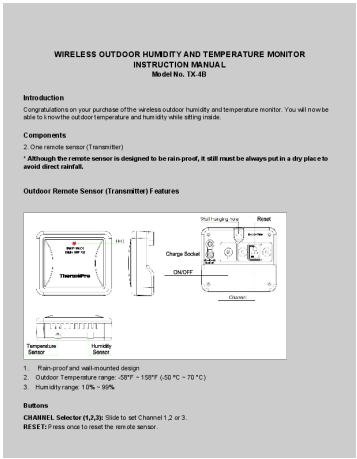


[pdf] Datasheet Warranty

Suzie ThermoPro TP68B Wireless Colour Weather Station with Indoor Outdoor Temperature Humidity Digital Hygro Thermometer Temp Heat Stress ThermPro testmeter sg webshaper pcm files Data Sheet |||

ThermoPro **TP68B** Wireless Colour Weather Station with Indoor Outdoor Temperature Humidity Description: ThermoPro **TP68B** indoor outdoor weather stations is equipped with advanced smart temperature sensor that provide a market leading 150m/500ft of range and operate in even the most extreme weather con...

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[pdf] User Manual

x0001 Fusheng Liu User Manual SHENZHEN ECARE ELECTRONICS CO LTD TX 4B Temperature Monitor 2AATPTX 2AATPTX4B tx 4b

WIRELESS OUTDOOR HUMIDITY AND TEMPERATURE MONITOR INSTRUCTION MANUAL Model No. TX-4B Introduction Co ... aterproof Transmitter Monitor Temperature and Humidity Outdoor Sensor , Compatible with TP63B/TP67B/**TP68B**/TP65B Series Indoor Outdoor Thermometer 1. Place the remote sensor near the base station; 2....

lang:en score:24 filesize: 237.98 K page\_count: 4 document date: 2020-06-10