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ThermoPro TP60S

ThermoPro TP60-3 Digital Wireless Indoor/Outdoor Thermometer and Hygrometer Instruction Manual

1. INTRODUCTION

The ThermoPro TP60-3 is a digital wireless indoor/outdoor thermometer and hygrometer designed to monitor temperature and humidity levels in various environments. This device provides accurate readings for both indoor and outdoor conditions, featuring a long wireless range and the ability to connect with multiple remote sensors. It is suitable for use in homes, baby rooms, nurseries, cellars, basements, warehouses, and greenhouses to ensure optimal environmental control.

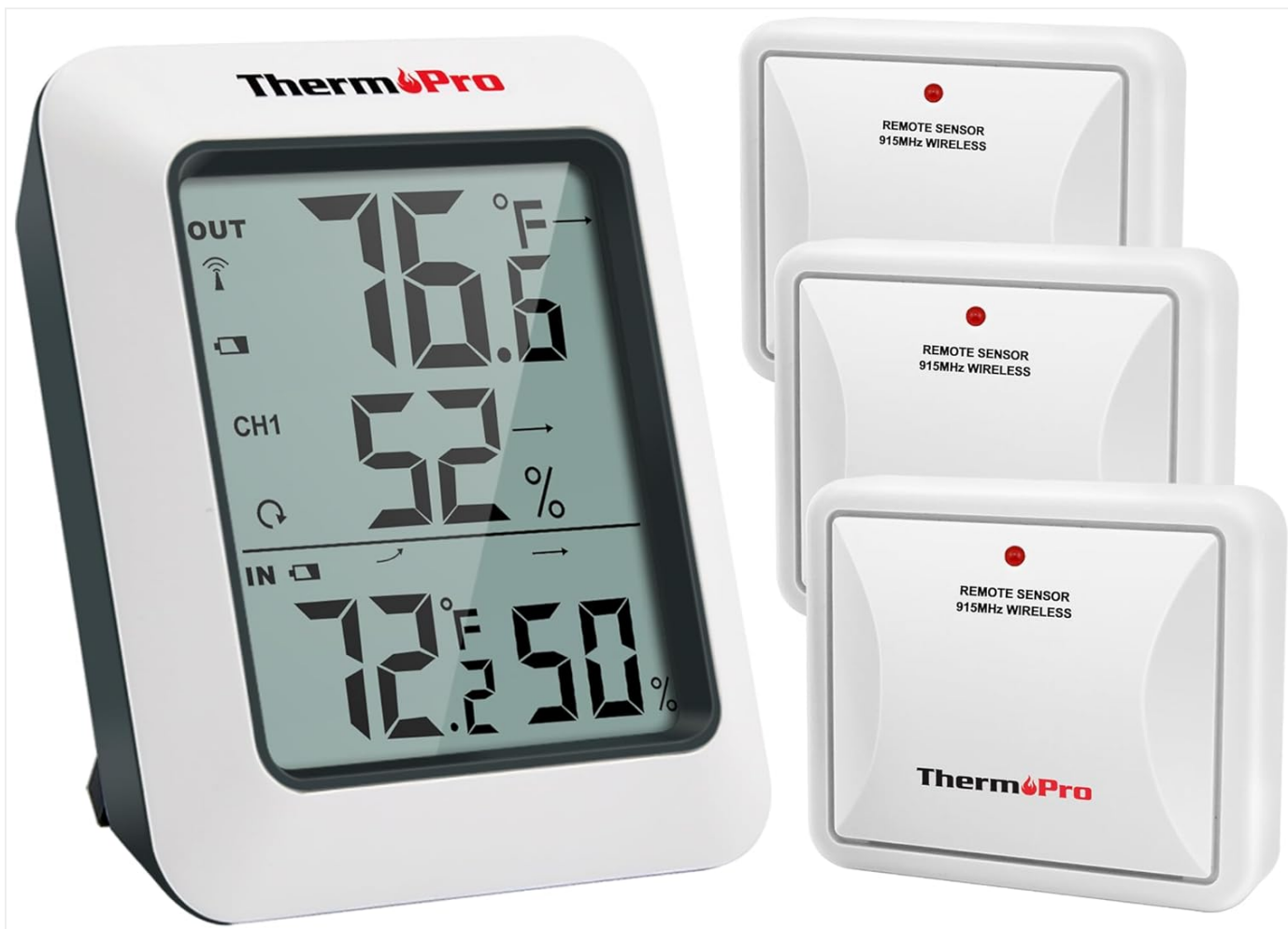


Image: The ThermoPro TP60-3 main display unit and three remote wireless sensors, illustrating the complete product package.

2. WHAT'S IN THE BOX

- 1 x Main Receiver Unit
- 3 x Remote Transmitter Sensors
- 8 x AAA Batteries

3. PRODUCT OVERVIEW

3.1 Main Receiver Unit

The main receiver unit features a large, easy-to-read LCD screen that displays indoor and outdoor temperature and humidity percentages. It also shows temperature and humidity trend indicator arrows, and daily high/low information. The unit is designed for tabletop placement with a built-in stand or can be wall-mounted.



Image: Close-up of the main display unit showing outdoor temperature and humidity, channel indicator, and indoor temperature and humidity with trend arrows.

3.2 Remote Transmitter Sensors

The remote sensors transmit temperature and humidity data wirelessly to the main unit. Each sensor is designed for outdoor use and should be placed in a location protected from direct sunlight and rain. The system supports up to three remote sensors, allowing monitoring of different locations simultaneously.



Image: Diagram showing the main unit receiving data from three remote sensors placed in a bedroom, storage room, and garden, highlighting multi-location monitoring.

4. SETUP

4.1 Battery Installation

1. Open the battery compartment on the back of both the main receiver unit and each remote sensor.
2. Insert the provided AAA Batteries, ensuring correct polarity (+/-).
3. Close the battery compartments securely.

4.2 Synchronization Process

After installing batteries, the main unit and remote sensors should automatically synchronize. The RF signal icon on the upper left of the main unit's display will flash during synchronization. If connection is lost or batteries are replaced, follow these steps:

- Ensure batteries are correctly installed in both units.
- Press the TX button on the remote sensor(s) to re-establish connection.

4.3 Placement Guidelines

- **Main Unit:** Place the main unit indoors on a tabletop using its built-in stand or mount it on a wall.
- **Remote Sensors:**
 - Place sensors in an open area, avoiding wall obstructions.
 - Keep sensors away from routers and other electronic devices to prevent high-frequency signal interference.
 - Avoid direct sunlight exposure, as this can lead to inaccurate temperature readings.
 - Always place sensors upright to prevent rain from entering through vent holes.
 - The wireless range is up to 500ft/150m in open areas.



Image: The main unit shown on a tabletop and a remote sensor mounted on an exterior wall, demonstrating flexible placement options.

5. OPERATING INSTRUCTIONS

5.1 Display Features

- **Outdoor Temperature & Humidity:** Displayed at the top of the screen.
- **Channel Indicator:** Shows which remote sensor's data is currently displayed (CH1, CH2, CH3).
- **Indoor Temperature & Humidity:** Displayed at the bottom of the screen.
- **Trend Arrows:** Indicate whether temperature and humidity are rising, falling, or remaining stable.
- **MAX/MIN Records:** Shows the highest and lowest temperature and humidity readings recorded over the last 24 hours or all-time since the last reset.

5.2 Unit Selection (°F/°C)

To switch between Fahrenheit (°F) and Celsius (°C), press the °F/°C button located on the back of the main receiver unit.

5.3 Viewing MAX/MIN Records

Press the MAX/MIN button on the back of the main unit to cycle through the 24-hour and all-time high and low records for temperature and humidity. To clear the records, press and hold the CLEAR button.

5.4 Channel Selection

If using multiple remote sensors, press the CHANNEL button on the back of the main unit to switch between the different sensor channels (CH1, CH2, CH3) and view their respective outdoor readings.

6. MAINTENANCE

- **Cleaning:** Wipe clean with a soft, damp cloth. Do not immerse in water.
- **Battery Replacement:** Replace batteries when the low battery indicator appears on the display. Ensure correct polarity.
- **Storage:** If storing the device for an extended period, remove the batteries to prevent leakage.

7. TROUBLESHOOTING

- **No Display/Low Battery:** Check battery installation and replace if necessary.
- **No Remote Sensor Reading:**
 - Ensure remote sensor is within range (500ft/150m).
 - Press the TX button on the remote sensor to re-sync.
 - Check for interference from other electronic devices.
 - Replace remote sensor batteries.
- **Inaccurate Readings:**
 - Ensure remote sensor is not in direct sunlight or exposed to rain.
 - Verify proper placement away from heat sources or vents.

8. SPECIFICATIONS

Brand	ThermoPro
Model Name	TP60S
Indoor Temperature Range	-4°F to 158°F (-20°C to 70°C)
Outdoor Temperature Range	-4°F to 158°F (-20°C to 70°C)
Humidity Range	10% to 99%







Wireless Range	Up to 500ft/150m (in open area)
Connectivity Technology	Radio Frequency (RF) - ASK 433Mhz
Power Source	Battery Powered (AAA)
Display Type	Digital LCD
Material	Plastic

9. WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance, please visit the official ThermoPro website or contact their customer service. Details can typically be found in the product packaging or on the manufacturer's website. You can visit the [ThermoPro Store](#) for more products and information.



Related Documents - TP60S

	ThermoPro TP60S Wireless Indoor/Outdoor Hygrometer Thermometer User Manual Comprehensive user manual for the ThermoPro TP60S wireless indoor/outdoor humidity and temperature monitor. Learn about setup, operation, features, specifications, and troubleshooting.
	ThermoPro TP157 Indoor Humidity and Temperature Monitor Instruction Manual Comprehensive guide for the ThermoPro TP157 indoor hygrometer and thermometer, covering setup, features, specifications, care, disposal, and warranty information.
	ThermoPro TP60S LCD Digital Hygrometer: Indoor/Outdoor Temperature and Humidity Monitor The ThermoPro TP60S is a wireless indoor/outdoor digital hygrometer and temperature monitor featuring a large LCD, trend indicators, and high/low records. It offers accurate measurements and flexible placement with a range of up to 200ft/60m.
	ThermoPro TP-55 Indoor Humidity and Temperature Monitor Instruction Manual Instruction manual for the ThermoPro TP-55 indoor humidity and temperature monitor, detailing features, operation, specifications, safety, warranty, and disposal guidelines.
	ThermoPro TP358 Bluetooth Indoor Thermometer Hygrometer Instruction Manual Instruction manual for the ThermoPro TP358 Bluetooth Indoor Thermometer Hygrometer. Details device features, specifications, setup via Bluetooth connection, app usage, comfort level indicators, disposal guidelines, and customer support.
	ThermoPro TP393 Bluetooth Indoor Thermometer & Hygrometer User Manual Comprehensive guide to the ThermoPro TP393, a smart Bluetooth indoor thermometer and hygrometer. Covers features, specifications, app usage, setup, and warranty information.