



Paul N. Gardner Company

# DIGITAL THERMOHYGROMETER WEATHER INSTRUMENTS

Instructions for using the GARDCO  
Digital Thermohygrometer



# Digital Thermohygrometer



The GARDCO Digital Thermohygrometer is a compact instrument for measuring indoor temperature, outdoor temperature with the remote 3 ft (91.44 cm) probe, and indoor relative humidity. It also includes clock, alarm, memory, and °C/°F display functions for everyday environmental monitoring.

## Instructions for Use

1. To insert the battery: Press down on the arrow on the battery door and push the door open toward the bottom of the instrument. Insert one AAA battery in the direction indicated (negative end of the battery toward the spring), then replace the battery door.
2. Locate the remote probe in the area to be remotely measured. This can be outdoors around a window opening or inside a cooling/heating cabinet. (**Pay attention to the temperature limits for the probe.**)
3. To choose between °C and °F, pull up on the legs that surround the battery door. In the leg recess is the button to switch between °C and °F. Press the button until the desired units are shown.
4. The front of the instrument includes 3 buttons: **MODE**, **ADJ**, and **MEMORY**. Each button can perform several functions.
  - A short press of **MODE** selects between the clock display and the alarm display.
  - When the clock is displayed, pressing **ADJ** will switch the clock between a 12-hour and 24-hour display mode.
  - When the alarm clock is displayed, pressing **ADJ** will toggle through the alarm indicators. When no indicators are displayed, the alarm is off.
  - To set the time, a long press (at least 2 seconds) of **MODE** when in the clock display will start the minutes blinking. Press **ADJ** to adjust the minutes. Press **MODE** and the hours will blink. Set the hours with the **ADJ** button. Press the **MODE** once more to finish the setting process.
  - The alarm is set as above, but make sure the alarm time is showing on the display, then hold **MODE** for at least 2 seconds to start the minutes blinking.
  - **MEMORY** can be pressed to cycle the instrument through its saved values. The first press shows the maximum values. The second press shows the minimum values. The display will automatically return to the present values after 5 seconds if no buttons are pressed.
  - To clear the Max and Min values, press and hold the **MEMORY** button when the Max or Min data is displayed. The Max and Min values are cleared separately.
5. The display will dim as the battery is depleted. Replace the battery if the display becomes unreadable. Please dispose of old batteries according to local ordinances.

## Specifications

|                     |                              |
|---------------------|------------------------------|
| Indoor Temp Range   | -10°C - 50°C (-14°F – 122°F) |
| Outdoor Temp Range  | -50°C - 70°C (-58°F – 158°F) |
| Temp Resolution     | 0.1°C (0.2°F)                |
| Temp Accuracy       | ±1°C (±1.8°F)                |
| Humidity Range      | 10% ~ 99% RH                 |
| Humidity Resolution | 1%                           |
| Humidity Accuracy   | ±5%                          |
| Battery             | AAA 1.5V                     |

