

AugustknowU TA298

AugustknowU KTJ TA298 Indoor/Outdoor Thermometer Hygrometer User Manual

Model: TA298

1. INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your AugustknowU KTJ TA298 Indoor/Outdoor Thermometer Hygrometer. This device is designed to accurately measure and display indoor and outdoor temperatures, as well as indoor humidity levels, providing essential environmental data for various applications.

2. PRODUCT OVERVIEW

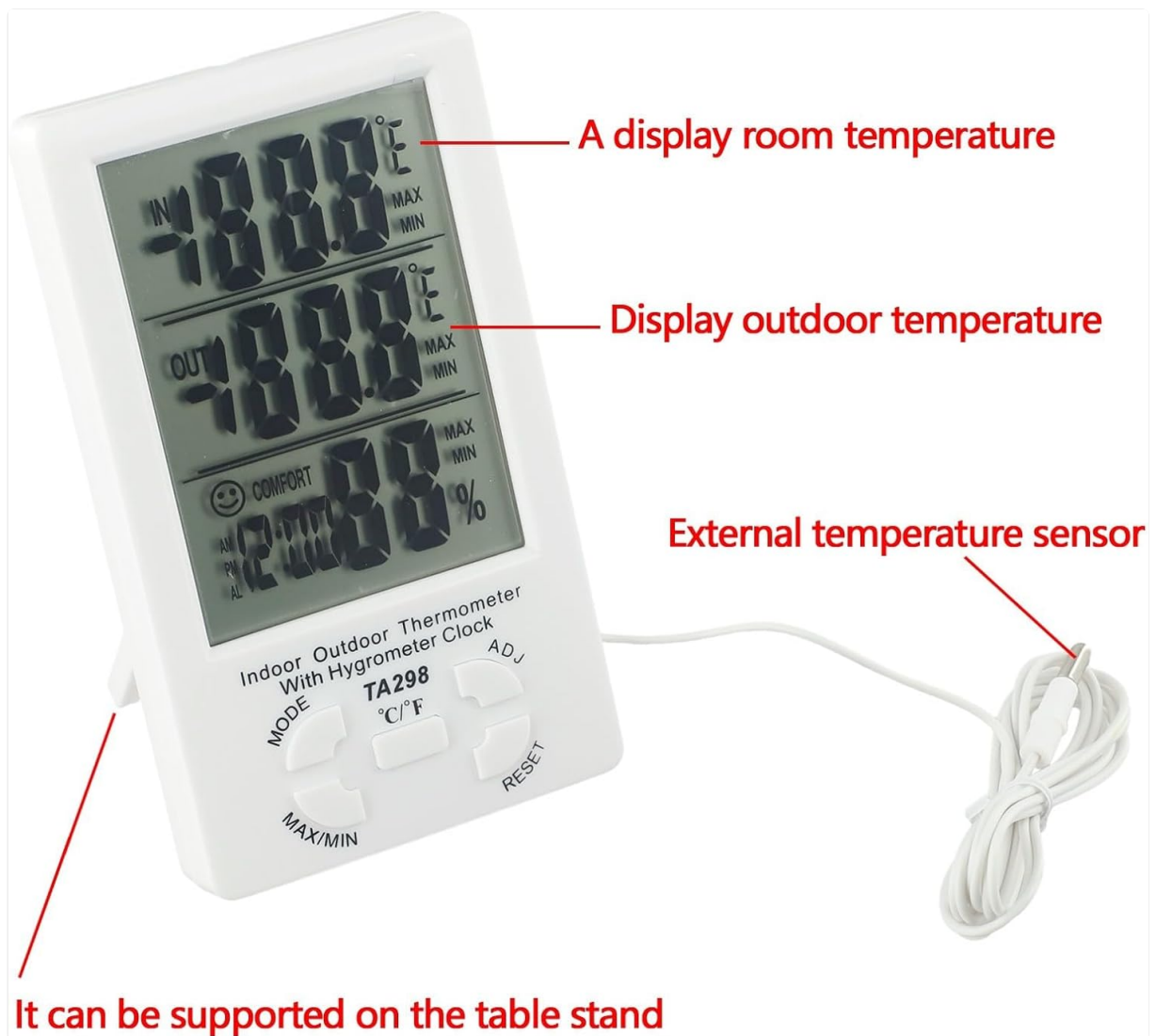
2.1 Key Features

- **High Accuracy:** Engineered for reliable temperature and humidity readings.
- **Easy-to-Read Display:** Large digital display for clear visibility.
- **Versatile Use:** Suitable for indoor and outdoor temperature monitoring, and indoor humidity.
- **Unit Toggle:** Switch between Celsius (°C) and Fahrenheit (°F).
- **Low Power Consumption:** Operates efficiently on a single 1.5V AAA battery.
- **Wide Application:** Ideal for homes, offices, schools, hospitals, and specialized environments like tea storage.

2.2 Components



Figure 1: Front view of the AugustknowU KTJ TA298 Thermometer Hygrometer, showing the digital display and control buttons.



It can be supported on the table stand

Figure 2: Labeled components of the device, indicating the indoor temperature display, outdoor temperature display, humidity display, external temperature sensor, and the table stand.

The device features a large LCD screen displaying indoor temperature ("IN"), outdoor temperature ("OUT"), and indoor humidity. Below the display are control buttons: **MODE**, **°C/°F**, **ADJ**, **MAX/MIN**, and **RESET**. An external wired sensor is included for outdoor temperature measurement.

3. SETUP

3.1 Battery Installation

1. Locate the battery compartment on the back of the device.
2. Open the battery compartment cover.
3. Insert one (1) AAA 1.5V battery, ensuring correct polarity (+ and -).
4. Close the battery compartment cover securely.

Note: The battery is not included with the product. Please use a fresh AAA 1.5V battery for optimal performance.

3.2 Sensor Placement



Figure 3: The device with its external wired sensor, used for outdoor temperature measurement.

- The main unit measures indoor temperature and humidity. Place it in your desired indoor location.
- The external wired sensor is for outdoor temperature measurement. Route the sensor cable outdoors through a window or door frame.
- Ensure the external sensor is placed in a shaded area, away from direct sunlight or heat sources, to obtain accurate outdoor temperature readings. Avoid placing the sensor where it can get wet.

4. OPERATION

4.1 Display Readings

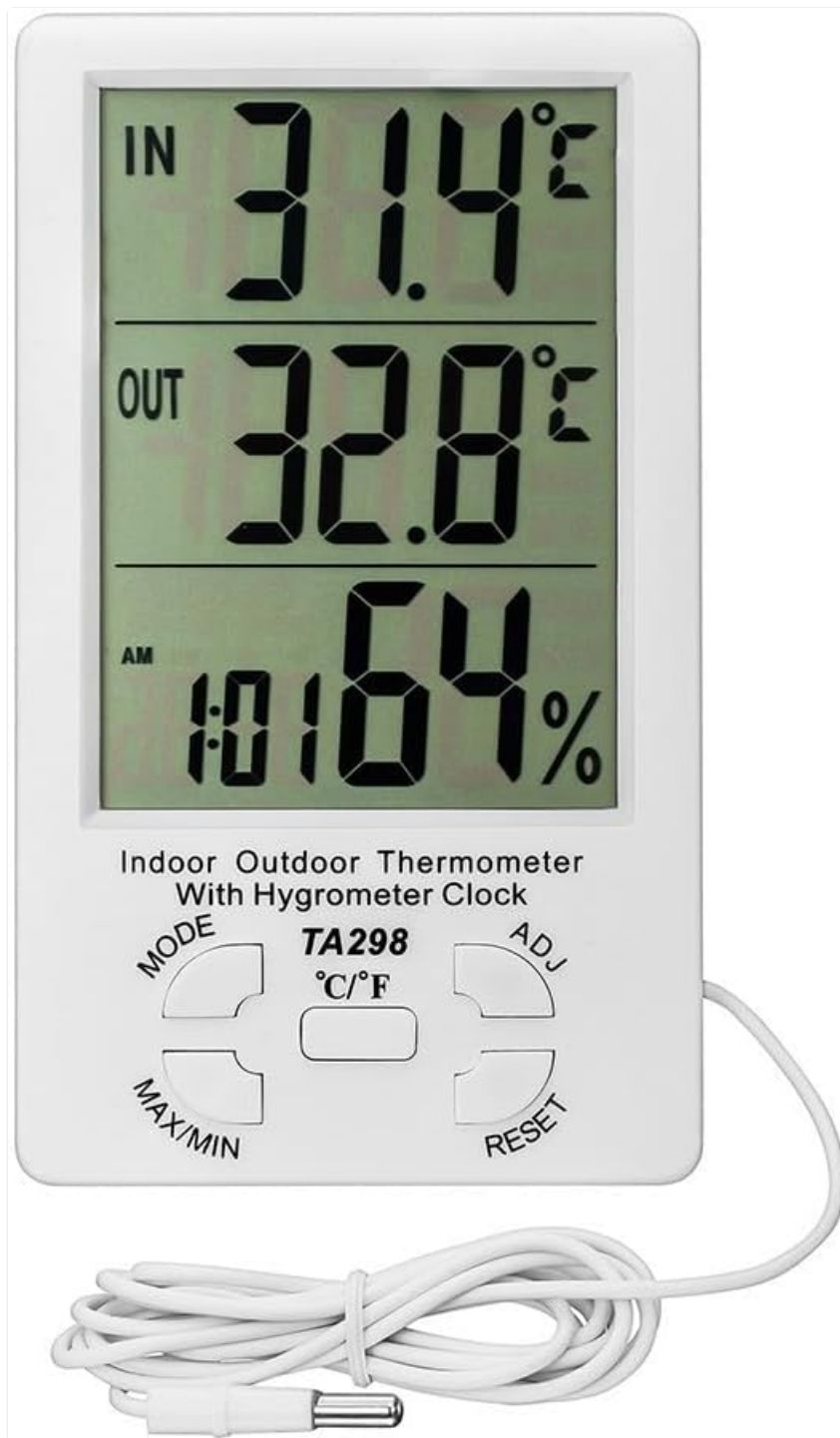


Figure 4: The device displaying current indoor temperature, outdoor temperature, and humidity readings.

- The top section labeled "IN" displays the current indoor temperature.
- The middle section labeled "OUT" displays the current outdoor temperature (from the external sensor).
- The bottom section displays the current indoor humidity percentage (%).

4.2 Changing Temperature Units (°C/°F)

Press the °C/°F button located on the front panel to toggle between Celsius and Fahrenheit temperature units.

4.3 MAX/MIN Temperature and Humidity

Press the **MAX/MIN** button to view the maximum and minimum recorded indoor/outdoor temperatures and humidity since the last reset. Pressing it repeatedly will cycle through MAX, MIN, and current readings.

4.4 Resetting MAX/MIN Values

While viewing the MAX or MIN values, press and hold the **RESET** button for a few seconds to clear the recorded

maximum and minimum values. The device will then start recording new MAX/MIN values from the current point.

4.5 Time/Alarm Setting (if applicable)

The product description mentions "With Hygrometer Clock". If your model includes a clock function, use the **MODE** and **ADJ** buttons to set the time and any alarms. Refer to the on-screen prompts or specific markings for detailed instructions on your unit.

5. MAINTENANCE

- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use abrasive cleaners or immerse the unit in water.
- **Battery Replacement:** Replace the AAA battery when the display becomes dim or the device stops functioning. Always dispose of used batteries responsibly.
- **Storage:** If storing the device for an extended period, remove the battery to prevent leakage. Store in a cool, dry place.
- **Sensor Care:** Ensure the external sensor cable is not kinked or damaged. Keep the sensor tip clean and dry for accurate readings.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No display or dim display	Battery is dead or incorrectly installed.	Replace the AAA battery, ensuring correct polarity.
Inaccurate outdoor temperature	External sensor exposed to direct sunlight, heat, or moisture.	Relocate the external sensor to a shaded, dry area. Check for cable damage.
Readings not changing	Device may be stuck or sensor issue.	Remove and reinsert the battery. If problem persists, contact support.

7. SPECIFICATIONS



Figure 5: Dimensions of the AugustknowU KTJ TA298 device: 150mm height and 88mm width. The external sensor cable length is approximately 1.5m.

Parameter	Value
Model	TA298
Indoor Temperature Range	-10°C ~ +50°C (14°F ~ 122°F)
Outdoor Temperature Range	-50°C ~ +70°C (-58°F ~ 158°F)
Temperature Accuracy	±1.0°C
Humidity Range	20% RH - 99% RH
Humidity Accuracy	±5% RH
Power Source	1 x AAA 1.5V Battery (Not Included)
Product Dimensions	150 x 88 x 24 mm (approx. 5.9 x 3.46 x 0.94 inches)
Item Weight	Approx. 5.4 ounces (153g)

8. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation provided at the time of purchase or contact your retailer. Keep your purchase receipt as proof of purchase.

