

Indoor Digital Thermometer – Humidity Meter TH804

Please read these instructions carefully. If you have questions, mail me at: service@orchid-depot.com

1) Specifications:

Temperature Range: 32.0 to 120.0 °F (0.0 to 50.0 °C)

Temperature Accuracy: +/- 1.8 °F (+/- 1.0 °C)

Temperature Resolution: 0.1 °F (0.1 °C)

Easy Switch between °F and °C

Humidity Range: 10% to ~ 90% relative humidity

Resolution 1% relative humidity

Humidity Accuracy: +/-5% for the 40 to 80% range, +/- 8% for the other ranges

Calendar, Alarm Clock, Hourly Beep and 12/24 hr mode

Memory: min/max for temperature and humidity

Dimensions: 4 1/4" x 2 1/4" x 1/2"

Weight: approx 74g / 2.6 oz

Battery: 1x 1.5 Volt AAA (included)

This is a standup meter; it can not be hooked to a wall.

2) Start the meter:

The battery is in the battery compartment at the back of the meter. It is wrapped in plastic to prevent power drainage during storage. To start the meter, open the battery compartment, remove the battery, unwrap it from the clear plastic film, and reinsert it with the (-) end contacting the spring.

Important: Remove and replace empty batteries immediately. Damage from leaking batteries is not covered by the warranty! *Dispose of empty batteries according to your local codes and regulations. We recommend that you give all empty batteries to a local battery recycling facility, if available.*

3) Basic functions:

The **MODE** button will switch between clock and alarm mode. If the meter displays the time the **:** will blink. If it displays the alarm time the **:** will be steady.

Switching the alarm and hourly beep on or off:

Press the **MODE** button to switch to the alarm time (the **:** steady).

Now the **ADJ** button will allow you to switch between alarm, hourly beep, alarm and hourly beep and all off. Press **MODE** to confirm your setting.



All switched off



Alarm switched on



Hourly Beep on



Alarm and Hourly Beep on

4) Setting Time and Date

- Make sure you are in the 'time' mode, with the : blinking.
- Press the **MODE** button for 3 seconds; the minute display will start blinking
- Press the **ADJ** button to change the minutes to current time
- Press the **MODE** button again to switch to the hour display, the hour will start blinking
- Press the **ADJ** button to change the hour to the current time
- Press the **MODE** button again to switch to the month display, the month will start blinking
- Press the **ADJ** button to change the month to the current month
- Press the **MODE** button again to switch to the day display, the day will start blinking
- Press the **ADJ** button to change the month to the current month
- Press **MODE** to confirm and save the settings.

5) Setting the Alarm Time

- Press the Mode button to switch to the alarm time, the : must be steady
- Press the **MODE** button for 3 seconds; the minute display will start blinking
- Press the **ADJ** button to change the minutes to current time
- Press the **MODE** button again to switch to the hour display, the hour will start blinking
- Press the **ADJ** button to change the hour to the current time
- Press **MODE** twice to confirm and save the settings.

6) Calendar display

- Make sure you are in the 'time' mode, with the : blinking.
- Press the ADJ button. The clock will display the day and month for 3 seconds.

7) Maximum / Minimum Temperature and Humidity Display

Press the **MEMO** button once and the meter will display the maximum temperature and humidity, indicated by a little MAX in the display, after 3 seconds it will go back to current readings

Press the **MEMO** button twice and the meter will display the minimum temperature and humidity, indicated by a little MIN in the display, after 3 seconds it will go back to current readings

Press the **MEMO** button for 2 seconds to delete the memory.

8) Switch between °C and °F

Use the °C/°F switch on the backside. If the meter malfunctions you can use the Reset button on the backside. The three unmarked switches on the back do not have any function on this meter.

9) Comfort level display

The meter will display 3 comfort levels:

WET will appear at any temperature when the relative humidity is above 70%

COMFORT will appear when the relative humidity is between 50 and 70% **and** the temperature is between 68°F and 78.8°F (20°C and 16°C).

DRY will appear at any temperature if the relative humidity is below 50%

These levels are just a rough guidance. If you use the meter to adjust humidifiers and heaters we recommend that you develop your own comfort level based on the actual meter readings. If you use the meter to adjust a humidifier monitor your home and make sure there is no water condensation at the walls.

The meter contains small parts, especially the battery compartment door and the battery. It is not a toy; do not let children play with it.