## SPECIFICATIONS

Temperature--
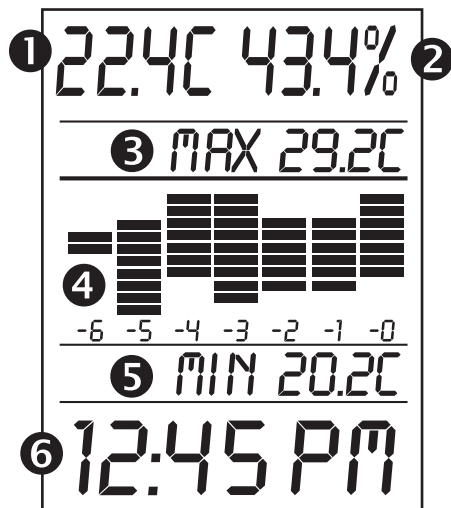Range:        -4.0 to 122.0 °F / -20.0 to 50.0 °C
Resolution:   0.1°
Accuracy:     ±0.4°C

Relative Humidity--
Range:        0.0 to 90% RH (non-condensing)
Resolution:   0.1%
Accuracy:     ±4% RH (20 to 80% RH),
              ±5% RH otherwise

Clock--
Resolution:   1 minute
Accuracy:     0.01%



## LCD DISPLAY

1. Current Tempeature
2. Current Relative Humidity
3. Maximum Temperature or Humidity
4. Chart
5. Minimum Temperature or Humidity
6. Time

## 12/24 HOUR DISPLAY

Slide the 12Hr/24Hr switch, located on the back of unit to the desired position. In 12 hour format, "AM/PM" will appear on display.

## SETTING TIME

Press and hold MODE button on back of unit, until the hours begin to flash on display. Press +1 button to set the time to the desired time. Press MODE again to set the minutes. Press MODE again and time is set.

## SELECTING °C OR °F

To display temperature reading in Fahrenheit or Celsius, slide the °C/°F switch, located on the back of the unit to desired position.

## ABOUT THE MEMORY

### *Minimum and maximum memories are NOT programmable.*

Minimum temperature and humidity recorded into memory are minimum temperature and humidity achieved since last time memory was cleared. The maximum temperature and humidity recorded into memory are the maximum temperature and humidity achieved since the last time the memory was cleared. The minimum and maximum memories are maintained over the period since the memory was cleared.

## CLEARING THE MEMORY

To clear RH MIN/MAX memory:
1. Press TEMP/HUM button, to view Relative Humidity min/max.
2. Then press CLEAR.

To clear Temperature MIN/MAX memory:
1. Press TEMP/HUM button twice, to view the Temperature min/max.
2. Then press CLEAR.

**Note:** The min/max will only be cleared for the selected channel, not both channels.

## DISPLAY DAILY MIN/MAX WITH GRAPH

1. Press TEMP/HUM button for corresponding channel which you wish to view: Temp or Hum.
2. After initial press, graph will display historical graph for the last seven days with the current min/max displayed below and above graph.
3. Press MODE button, then press +1 button to scroll day by day.
4. If no button is pressed for 15 seconds, display will return to the default graph state.

## DISPLAY OVERALL GRAPH

In the default view, device will display a graphical history for selected measurement channel illustrating range of temperatures sensed each day for last seven days. The top bar on each column signifies the maximum temperature sensed, and bottom bar signifies minimum temperature sensed.

**Note:** The historical minimum and maximum values may not be cleared. They will be automatically updated daily.

The vertical resolution of each period is ten bars. The range for each bar is equal to ten percent of the weekly maximum minus the weekly minimum.

## EXAMPLE 1 (TEMPERATURE):

| PERIOD | MINIMUM | MAXIMUM | BARS HIGHLIGHTED |
|---|---|---|---|
| 6 | 21.6 | 22.0 | 6,7 |
| -5 | 20.2 | 22.1 | 1,2,3,4,5,6,7,8 |
| -4 | 21.0 | 22.7 | 4,5,6,7,8,9,10 |
| -3 | 20.7 | 22.7 | 2,3,4,5,6,7,8,9,10 |
| -2 | 20.9 | 22.2 | 3,4,5,6,7,8 |
| -1 | 20.8 | 22.1 | 3,4,5,6,7,8 |
| -0 | 21.0 | 22.8 | 4,5,6,7,8,9,10 |

**OVERALL MINIMUM: 20.2**
**OVERALL MAXIMUM: 22.8**
Range: 2.6 Bar Resolution: 0.26
Bar 1      Range: 20.20 – 20.45
Bar 2      Range: 20.46 – 20.71
Bar 3      Range: 20.72 – 20.97
Bar 4      Range: 20.98 – 21.23
Bar 5      Range: 21.24 – 21.49
Bar 6      Range: 21.50 – 21.75
Bar 7      Range: 21.76 – 22.01
Bar 8      Range: 22.02 – 22.27
Bar 9      Range: 22.28 – 22.53
Bar 10     Range: 22.54 – 22.80

## EXAMPLE 2 (HUMIDITY):

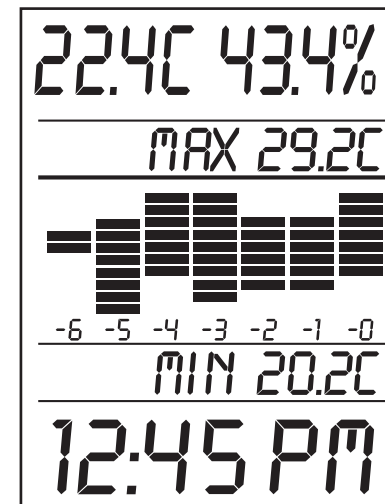| PERIOD | MINIMUM | MAXIMUM | BARS HIGHLIGHTED |
|---|---|---|---|
| -6 | 50.2 | 65.2 | 5,6,7,8,9 |
| -5 | 45.5 | 69.4 | 3,4,5,6,7,8,9,10 |
| -4 | 54.7 | 68.5 | 6,7,8,9,10 |
| -3 | 45.2 | 50.5 | 3,4,5 |
| -2 | 35.1 | 51.9 | 1,2,3,4,5 |
| -1 | 42.1 | 67.7 | 2,3,4,5,6,7,8,9,10 |
| -0 | 42.3 | 70.4 | 3,4,5,6,7,8,9,10 |

**OVERALL MINIMUM: 35.1**
**OVERALL MAXIMUM: 70.4**
**RANGE: 35.3          BAR RESOLUTION: 3.53**
Bar 1      Range: 35.1 – 38.62
Bar 2      Range: 38.63 – 42.15
Bar 3      Range: 42.16 – 45.68
Bar 4      Range: 45.69 – 49.21
Bar 5      Range: 49.22 – 52.74
Bar 6      Range: 52.75 – 56.27
Bar 7      Range: 56.28 – 59.80
Bar 8      Range: 59.81 – 63.33
Bar 9      Range: 63.34 – 66.86
Bar 10     Range: 66.87 – 70.40

## EXAMPLE 3
## (HISTORY MIN/MAX VIEW FOR -2 DAYS)

**Note:** The normal function of the product may be distributed by strong electro magnetic interference. If so, simply reset the product to resume normal operation by following the instruction manual.

### PRODUCT RESET

Product is effected by electro magnetic interference on occasion. If experiencing any issues with display or reading off, remove batteries, press all buttons and replace batteries.

### ALL OPERATIONAL DIFFICULTIES

If this unit does not function properly for any reason, replace the battery with a new high quality battery (see the "Battery Replacement" section). Low battery power can occasionally cause any number of "apparent" operational difficulties. Replacing the battery with a new fresh battery will solve most difficulties.

### BATTERY REPLACEMENT

Erratic readings, faint readings, or no display are all indications that the battery must be replaced. Remove the battery cover by sliding it in the direction indicated by the arrow. Remove the exhausted battery and replace it with a new AAA alkaline battery. Make certain to insert the new battery with the proper polarity as indicated in the illustration in the battery compartment. Replace the battery cover.

**WARRANTY, SERVICE, OR RECALIBRATION**

For warranty, service, or recalibration, contact:

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Traceable® Products is ISO 9001:2015 Quality-Certified by DNV and ISO/IEC 17025:2005 accredited as a Calibration Laboratory by A2LA.

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