SPECIFICATIONS

Temperature
Range: -40.0 to 158.0 °F / -40.0 to 70.0 °C
Resolution: 0.1°
Humidity
Range: 1.0 to 99.9%
Resolution: 0.1%

TEMPERATURE DISPLAY MODES

Relative Humidity is show on the upper portion of the display. Temperature is shown on the lower portion of the display.

The following Temperature Display Modes are available:

Current Temperature-
Shows the current temperature.

Dew-Point Temperature-
Shows the Dew-Point temperature. Indicated by Td appearing to the right of the temperature display.

Wet-Bulb Temperature-
Shows the Wet-Bulb temperature. Indicated by Tw appearing to the right of the temperature display.

Each press of the ▲ or ▼ button will cycle the display through the different temperature display modes.

DISPLAYING °F OR °C

To display the temperature readings in Fahrenheit or Celsius, press and release the SET button. Each press of the SET button will toggle the temperature display between °F and °C.

RECALL MAX/MIN MEMORY

To view the maximum and minimum readings, press the MODE button. "MAX" appears on the display to indicate the maximum readings recorded are being displayed. Press the MODE button a second time. "MIN" appears on the display to indicate the minimum readings are being displayed. If the high or low alarms have been activated, the display will also cycle through the alarm set point values. (See the "Alarms" section.)

The MAX and MIN temperature that is displayed is dependant upon the temperature display mode that has been selected (see the "Temperature Display Modes" section). Pressing the ▲ or ▼ button while displaying the MAX and MIN will cycle the display through the different MAX/MIN temperatures recorded (Current, Dew-Point, and Wet-Bulb).

If no buttons are pressed for 15 seconds, the unit will return to the current temperature display ("MAX" or "MIN" no longer appear on the display).

RESET MAX/MIN MEMORY

While the MAX or MIN humidity and temperature is being displayed (indicated by "MAX" or "MIN" on the display), press the CLEAR button once. The display will read "- - -" and the reading will be set to the current humidity and temperature readings. The MAX and MIN readings may be reset independent of each other. When reset, the humidity and temperature readings (ambient, dew point, and wet bulb) are reset to the current readings.

ALARMS

High and/or low alarm points may be set for either of the following units of measure: Humidity, Temperature, Dew-Point Temperature, or Wet-Bulb Temperature. A high alarm point and a low alarm point, or both, may be set; however, the unit of measure for the high and low alarm must be the same. If the high alarm point is set for humidity, the corresponding low alarm point (if used) must also be for humidity. For example, a high alarm point for humidity and a low alarm point for temperature may not be set simultaneously.

High Alarm Set-Point (↑ ALARM) = An alarm will sound when the reading rises above the set-point

Low Alarm Set-Point (↓ ALARM) = An alarm will sound when the reading falls below the set-point

The user may enable/disable any or all of the alarm set-points.

Activate/De-Activate the High/Low Alarms

1. Press and hold the SET button until "↓ ALARM" (low alarm) appears on the display.

NOTE: While setting, if no button is pressed for 15 seconds, the unit will automatically return to the current humidity/temperature display.

2. Each press of the ▲ or ▼ button will toggle the low alarm on or off.

"↓ ALARM OFF" indicates that the low alarm is not active.
"↓ ALARM ON" indicates that the low alarm is active.

3. Once the desired on/off status appears on the display for the low alarm, press the SET button. "↑ ALARM" (high alarm) will appear on the display.

4. Each press of the ▲ or ▼ button will toggle the high alarm on or off.

"↑ ALARM OFF" indicates that the high alarm is not active.
"↑ ALARM ON" indicates that the high alarm is active.

5. Once the desired on/off status appears on the display for the high alarm, press the SET button. The unit of measure to monitor will flash on the display.

"%" = Humidity
° F or ° C = Ambient Temperature*
Td = Dew Point Temperature*
Tw = Wet Bulb Temperature*
*The temperature unit of measure (°C or °F) will be dependant upon the unit selected (See the "Displaying °F or °C" section). The temperature alarm point will automatically be switched to °F or °C based on what has been selected.

6. Press the ▲ or ▼ button until the desired unit of measure appears on the display.

7. Press the SET button, the unit will return to the current humidity/temperature display.

When the low alarm and/or high alarm has been activated, 🔔))) will appear at the top right corner of the display.

Setting the Alarm Values

Follow these procedures once the low alarm and/or high alarm has been activated:

1. With the current humidity/temperature on the display, press the MODE button 3 times. The alarm set point will appear on the display.

"↓ ALARM" indicates low alarm
"↑ ALARM" indicates high alarm

NOTE: While setting, if no button is pressed for 15 seconds, the unit will automatically return to the current humidity/temperature display.

2. Press and release the SET button. The alarm set point will flash on the display.

3. Press the ▲ or ▼ button until the desired value appears on the display.

Press and hold the button to rapidly change the display.

4. Once the desired value appears on the display, press the SET button. The alarm set point will no longer flash.

5. Press the MODE button, if both alarms have been activated, the next alarm set point will appear. Follow steps 2 through 4 to set the next alarm set point value. If only one alarm has been activated, the unit will return to the current humidity/temperature display.

Alarm Sounding

The alarm will sound and LED will flash when the reading rises above and/or falls below the alarm points that have been activated and set. The unit will sound an alarm for up to one (1) minute as long as the current reading is above and/or below the alarm set point. The LED will continue to flash as long as the current reading is above and/or below the alarm set point. Once the reading returns to an "in-range" condition, the alarm will stop sounding and the LED will stop flashing. To silence a sounding alarm, press any button.

"In-Range" Alarm Setting

If the high alarm set point is lower than the low alarm set point, the alarm will sound when the reading is *between* the two alarm set points. This allows an alarm to be set for an "in-range" condition instead of an "out-of-range" condition. For example, to have the alarm sound when the humidity is within the range of 40% to 45%, set the Low Alarm to alarm at 45% and the High Alarm to alarm at 40%.

AUTO SHUT-OFF FEATURE

To preserve battery life, the unit may be set to turn off automatically if no button is pressed for 20 minutes. ***No measurements are taken while the unit is turned off; therefore, if alarms have been set, they will not sound while the unit is off.***

To enable the auto shut-off feature, press and hold the CLEAR button until "AUTO OFF" appears on the display. The unit will now turn off if no buttons are pressed for 20 minutes. To turn the unit on, press any button.

To disable the auto shut-off feature, press and hold the CLEAR button until "AUTO OFF" no longer appears on the display.

BENCH STAND

The unit may be placed on a horizontal surface by using the supplied plastic bench stand. Insert the pegs of the bench stand into the holes located on either side of the battery cover. The holes and pegs are different sizes so that the stand may only be inserted one way. Do not install the stand incorrectly and force it.

WALL MOUNTING

Set a screw into the wall at the desired location. Do not set the screw flush to the wall, the head of the screw will need to slip into the receptacle on the back of the unit. Once the screw has been properly set, remove the bench stand (if installed), and hang the unit in place by sliding the receptacle on the back of the unit over the head of the screw.

ALL OPERATIONAL DIFFICULTIES

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

BATTERY REPLACEMENT

Erratic readings, a faint display, or no display are all indications that the batteries must be replaced. Remove the bench stand (if installed). Slide the battery cover down in the direction of the arrow. Remove the exhausted batteries and replace with two new AAA alkaline batteries. Make certain to insert the new batteries with the proper polarity as indicated in the illustration in the battery compartment. Replace the battery cover.

WARRANTY OR SERVICE

For warranty, service, or recalibration, contact:

TRACEABLE® PRODUCTS
12554 Old Galveston Rd. Suite B230
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Traceable® Products are ISO 9001:2018 Quality-Certified by DNV and ISO/IEC 17025:2017 accredited as a Calibration Laboratory by A2LA.

TRACEABLE® DEW-POINT/ WET-BULB/ HUMIDITY/ TEMPERATURE ALARM INSTRUCTIONS