

OPERATING INSTRUCTIONS:

- Turn the meter on by pressing the **ON/OFF** button. The LCD will show a full display of all measurement modes.
- After 1 or two seconds the SAMJR995 will display temperature & humidity simultaneously.

°F / °C FUNCTION:

- To change the temperature scale from °F to °C press and hold the **°F / °C** button.
- Press it again to switch back.

DATA HOLD FUNCTION:

- Press the **HOLD** button to freeze the current reading on the display. “HLD” will appear on the LCD. The reading is now being held and will not change until the hold function is cancelled.
- To clear the hold function press the **RESET** button until “HLD” disappears from the display.

MIN/MAX FUNCTION:

- Press and hold the **MIN/MAX** button until “MIN” appears on the LCD. The display is now showing the minimum values recorded by the meter since it was powered on.
- Press and hold the **MIN/MAX** button again until “MAX” appears on the LCD. The display is now showing the maximum values recorded by the meter since it was powered on.
- To return to current temperature & humidity readings press and hold the **MIN/MAX** button again.
- To clear the minimum and maximum from the memory press and hold the **RESET** button until the entire display flashes.

DEW POINT & WET BULB FUNCTIONS:

- Press and hold the **DP/WB** button until “DP” appears on the display. The unit will now display dew point temperature.
- Press and hold the **DP/WB** button again until “WB” appears on the display. The unit will now display wet bulb temperature. Intermittent flashing of “WB” indicates that the current reading is being calculated and updated due to constant changes in temperature and humidity of your environment.
- To exit dew point/wet bulb function press and hold the **DP/WB** button until “DP” or “WB” disappears from the display.

LOW BATTERY INDICATOR:

- Low battery indication is signaled by flashing of the entire display. This means you must replace the battery at once. Failure to do so will have an effect on the humidity accuracy.

AUTO POWER OFF FUNCTION:

- The unit will automatically shut off after a period of 20 minutes of inactivity. This is called sleep mode.
- To override the auto power off (non-sleep mode) press and hold the **ON/OFF** and **MIN/MAX** buttons simultaneously for two seconds. Release the **ON/OFF** button and continue to hold down **MIN/MAX** for an additional two seconds. When the LCD displays “n” release the **MIN/MAX** button. The unit will now remain on until you manually turn it off.

CALIBRATION:

- This unit was calibrated during manufacturing. It CANNOT be recalibrated.

CERTIFICATION:

- Should you require a certificate to verify that the unit meets its stated specifications you may send your SAMJR995 back to us and we will issue a certificate for a fee.

NOTES:

- Remember, low batteries will give inaccurate readings so be sure to keep your battery fresh.
- Condensations will not affect the meters accuracy.

CAUTION:

- Do not immerse probe into liquids as this will cause permanent damage to the sensor.

SPECIFICATIONS:

- Functions: Temperature, humidity, dew point, wet bulb, data hold, min/max, auto power off
- Temperature range: -4 to 122°F (-20 to 50°C)
- Temperature accuracy: $\pm 1.8^{\circ}\text{F}$ ($\pm 1^{\circ}\text{C}$)
- Humidity range: 0 to 100% RH
- Humidity accuracy: $\pm 3\%$ RH at 77° from 10 to 90% RH, $\pm 4\%$ RH at all other ranges
- Resolution: 0.1°, 0.1% RH
- Response time: 60 seconds (approx.)
- Dimensions: 6.7" x 1.85" x 0.5" (168 x 47 x 15 mm)
- Power source: 1 "CR2032" battery (included)
- Battery life: 100 hours (average)
- Sensor: Electronic capacitance polymer film (microprocessor based design)

WARRANTY:

Mannix warrants this unit to be free from manufacturing defects for a period of one year from date of purchase. Any tampering with the unit or it's circuitry will void the warranty.