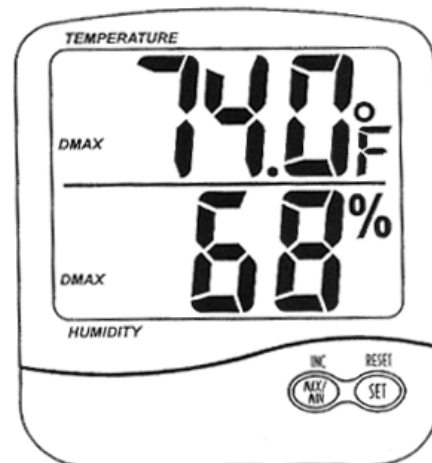# SPER SCIENTIFIC LTD.

FEATURES

- Records maximum and minimum temperature/humidity records with optional daily reset feature.
- Large digits LCD display.
- Temperature and humidity display at the same time.
- Selection of °C or °F range.
- Maximum and Minimum temperature and humidity recording.
- DAILY reset of maximum and minimum recording available with internal clock.

SPECIFICATIONS

- Temperature range: -10°C to 50°C (+14°F to 122 °F)
- Temperature resolution 0.1 °C (°F)
- Temperature accuracy : ±1 °C (±2 °F) within measurable range
- Humidity range 20-99%
- Humidity resolution :1%
- Humidity accuracy : ±6% RH between (30-60% RH) at 25°C ±8% RH between (60-90% RH) at 25°C.

INSTALLING AND REPLACING THE BATTERY: The unit uses one 'AAA' size battery (1 .5V DC)Follow these steps to install or replace the battery.
1. Open the battery cover, below the stand.
2. Insert the battery as indicated by the polarity symbols (+ and -) marked inside the battery compartment.
3. Replace the battery cover

TEMPERATURE AND HUMIDITY MEASUREMENTS: This unit will measure the temperature and humidity continuously unless user resets the clock for daily (24 hour) record function. The temperature will be displayed in °C or °F unit. The unit can be selected by switching the °F/°C slide switch at the back of the unit.

DISPLAY
1. The upper and lower LCD display shows temperature and humidity respectively. The user can view the maximum and minimum temperature / humidity records by pressing MAXIMIN key. If the current temperature is above or below the measurable range, the HHH or LLL will be shown.
2. When user set the internal clock, the upper and lower LCD display shows Hour and Minute respectively.

RECALL MAXIMUM AND MINIMUM TEMPERA TURE / HUMIDITY RECORDS: The user can recall the maximum and minimum temperature / humidity records by pressing the MAXIMIN key. To recall them, the user can follow these steps:
1. When the current temperature is displaying, Press the MAX/MIN key to view the maximum temperature in the upper LCD display and maximum humidity in the lower LCD display. Press RESET key to reset the maximum record to the current temperature / humidity.
2. Press the MAXIMIN key again to view the minimum temperature in the upper LCD display and minimum humidity in the lower LCD display. Press RESET key to reset the minimum record to the current temperature I humidity.
3. Press the MAXJMIN key again, the current temperature and humidity will be shown in the upper and lower LCD display respectively.

SETTING THE DAILY RECORDING OF MAXIMUM AND MINIMUM TEMP/HUM: This function permits the maximum and minimum recording of the current day. To use this function, located on the back of the unit slide the DAILY switch to the ON position. The maximum and minimum recordings will reset to the current temperature of 0:00 everyday;

There is an internal clock in the unit which can be set for this function by following these step:
1. When the current temperature I humidity are displayed, press the SET key for about 2 seconds, the upper and lower LCD display shows the Hour and Minute respectively with Hour digits blinking.
2. Press INC key to adjust the hour digits or press and hold the INC key to advance the digits continuously.
3. Press the SET key again, the Minute digits blinks
4. Press INC key to adjust the minute digits or press and hold the key to advance the digits continuously in 5 increments step.
5. You can only exit the setting mode from the minutes setting stage. To exit press the SET key and release it quickly while the minutes are flashing. The unit will also exit from the setting mode automatically, if no key is pressed for 1-2 minute(s).

USE OF THE SUPPLIED STAND: Flip out the plastic stand on the rear of the unit for table standing. Stand the unit on a flat surface.

WALL-MOUNTING THE UNIT: Follow these steps to mount the unit on the wall.
1. Drive a screw into the wall at the desired location until the head extends 3.5 mm from the wall.
2. Locate into the hanger slot on the back of the unit until it locks into place.