SC088 Weather Station Quick Setup Instruction

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1. Install Batteries for Outdoor Sensor Array first.

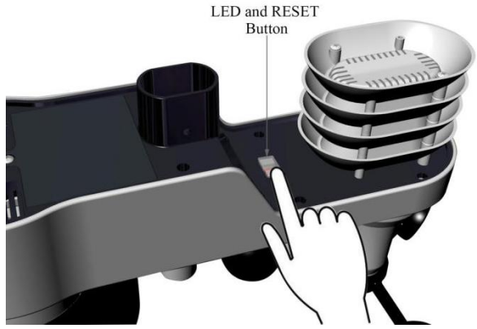
Note: *Make sure the red LED flashes each 16 seconds. If not, check whether batteries are installed correctly.*



Remove the battery door on the back of the sensor by removing the set screw.

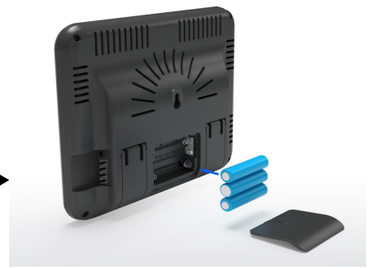


Inserting **3xAA batteries** in the battery compartment.



Close the battery door and Tighten the set screw. The sensor LED indicator will light and flash every 16s.

2. Plug in Adapter for Indoor Console second.



Pull out the stand on the back.

Connect the indoor console with power adaptor.

Don't press any button until outdoor data is received.





No Outdoor Sensor Data



Outdoor Sensor Data Updates

3. Sensors Verification Before Installation

Put the outdoor sensor array and the indoor console at the same location in good ventilating condition.
1. Verify temperature and humidity. The difference between indoor and outdoor temperatures should be within 4°F/2°C. The difference between indoor and outdoor humidity should be within 10%. Usually the indoor temperature is a little bit higher than outdoor temperature due to warming up effect of the backlight. Let the unit stabilize for at least 30 minutes.
2. Verify wind speed and wind direction. Spin the wind cup and the wind vane and make sure the wind speed and wind direction information on display updates.
3. Verifying Rain gauge. Tip the sensor array back and forth several times. You should hear a “clicking” sound within the rain gauge. Verify the rain reading on the display console is not reading 0.00. Each “click”represents 0.01 inches of rainfall.



Face solar panel to south in Northern Hemispheres installation.
Face solar panel to north in Southern Hemispheres.

4. Outdoor Integrated Sensor Installation

Please ensure that the outdoor transmitter is fixed particularly tightly, otherwise windy conditions cause the transmitter to shake and thus misread the rainfall data.
Install the sensor array at least four times the distance of the height of the tallest obstruction.



Horizontal Installation



Vertical Installation