

## Soil Moisture Meter Operating Manual



- To turn the unit on, press the center button.
- To scroll up and down through the menu, use the up and down buttons.
- To return to the previous menu without saving data, use the left button.
- To return to the previous menu and save data, use the center button.
- To modify data on a data input screen use the up and down keys.

The meter has the following menu items available:

### **Display**

On time before sleeping - Set the number of minutes for the display to stay on before sleeping. Set to zero for always on.

Backlight LEDs (On/Off) - Turns on or off the display back lights.

Battery Voltage - Displays the current battery voltage.

Moisture

Show - Show or disable the moisture level on the main screen.

VWC/Volts - Express the soil moisture reading in VWC (Volumetric Water Content) or in sensor Volts.

### **Light**

Show - Show or disable the light level on the main screen.

### **Temperature**

Show - Show or disable the temperature on the main screen.

Units - Express the Temperature in Celsius or Fahrenheit.

Calibrate - Set an Celsius offset or multiplier to fine tune the temperature reading. Note that the calibration coefficients are in Celsius not Fahrenheit. There are two coefficients that you can adjust: a multiplier and an offset. The multiplier coefficient is factory set to 1.00. The offset coefficient, the second number which is preceded with + is normally what you will use to adjust the temperature. We set this coefficient to an approximate temperature. To adjust it use the up and down keys, for each digit. For example, if the current temperature that is displayed on the meter is too high by 1C, then you should lower the coefficient by 1.

### **Time**

Show - Show or disable the current time on the main screen.

Set Time - Set the current time.