

# MARATHON PRODUCTS, INC.

## Maxi-Thermal Software

**Works with c\temp-USB, 2c\temp-USB,  
2c\temp-RH, EDL-USB, EDL-RTD2, EDL-LN2,  
2c\temp-LCD and MaxiLog.**

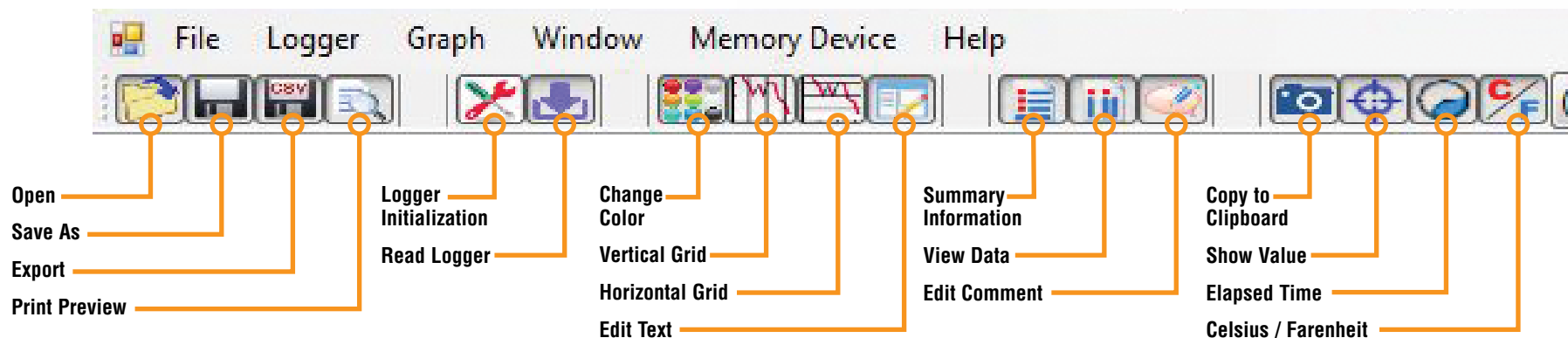
You need to **"Run As Administrator"** when you install the MaxiThermal Software. There are 2 programs on the software CD that need to be installed:

### **MaxiThermal Software and GPSSocketUSBservice**

Make sure that you have installed both programs before running MaxiThermal.



## Understanding the Menu Bar

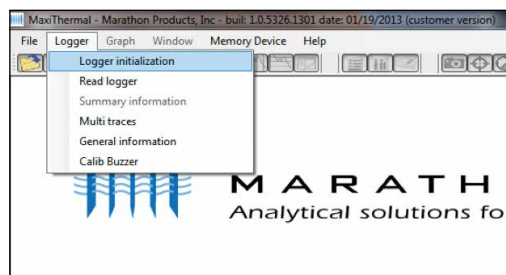


# Q U I C K S T A R T G U I D E

## Programming The Logger

Begin by starting the MaxiThermal software, connect the USB cable, then connect the Marathon data logger.

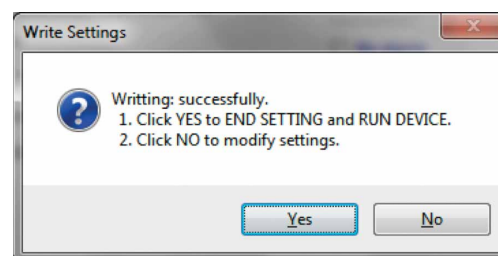
On the menu bar select **Logger / Logger Initialization** in the drop-down menu. The Logger Initialization Window will open.



1. If there is data in the logger, Click the **Erase all Data** button. The **Event Log 11** will update that the data has been erased.
2. For **Description**, enter a Descriptive name for the recording.
3. For **Current Clock**, select the Time Zone for the logger clock.
4. For Unit, select temperature scale, °F = Fahrenheit or °C = Celsius.
5. Select a **Start Delay** time if you want to pause before starting to record.

The image shows the 'Logger initialization' window. It has several sections: 'Description of recording' with fields for 'Model number' (edi-LCD/RH(Type C)) and 'Description' (DGS1); 'Current clock' and 'Logger clock' both set to '(UTC-08:00) Pacific Time (US & Canada)' with a time of 15:09:32 on 1/21/2013; 'Unit' set to °C; 'Recording' section with 'Start delay' at 0 Min and 'Duration' at 7 Days; 'Alarm' section with 'Maximum' at 18.22 °C and 'Minimum' at -22.78 °C; 'Alarm external sensor' section with 'Maximum' at 8.22 °C and 'Minimum' at 1.22 °C; and 'Stop key disable' checked. At the bottom is an 'Event log' showing previous actions. Numbered callouts 1 through 11 point to specific elements: 1 to 'Erase all data', 2 to 'Description', 3 to 'Current clock', 4 to 'Unit', 5 to 'Start delay', 6 to 'Duration', 7 to 'No alarm', 8 to 'Maximum' alarm, 9 to 'Stop key disable', 10 to 'Write to device', and 11 to the 'Event log'.

6. Select the **Duration** of recording time. The Sampling Interval will be automatically calculated.
7. Select **No Alarm**.
  - a. Or if you want a High Alarm, enter the temperature for the **Maximum**.
  - b. If you want a Low Alarm, enter the temperature for the **Minimum**.
8. For loggers with dual sensors (edi-LN2 and edi-RTD2), enter the **Maximum** and **Minimum** Alarm values for the external sensor.
9. Select **Stop Key Disable** if you want the logger to stop while recording by pressing the Start button.
10. Click **Write to Device** to write the new configuration to the logger.



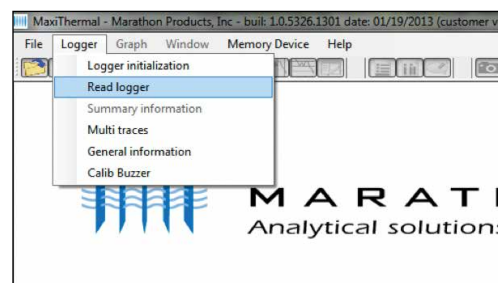
Click **Yes** to confirm you want to write the new configuration to the logger.

The **Event Log 11** will update with Write successful and End Settings successful.

The image shows the 'Event log' window. It has a list of events: '12:26:06 Found: edi-LCD/RH(Type C) on 7&28c82a47&0#{53}', '12:26:15 Erase all data: successfully.', '12:26:20 Writing: successfully.', and '12:26:23 End Setting: Successfully.'. There are buttons for 'Write to device', 'Erase all data', and 'Extra setting' on the right.

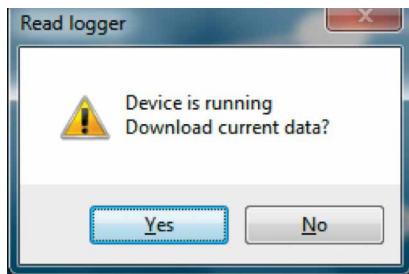
The logger is ready to run. To start recording, press and hold the **START** button on the unit until the green light flashes.

## Reading The Logger



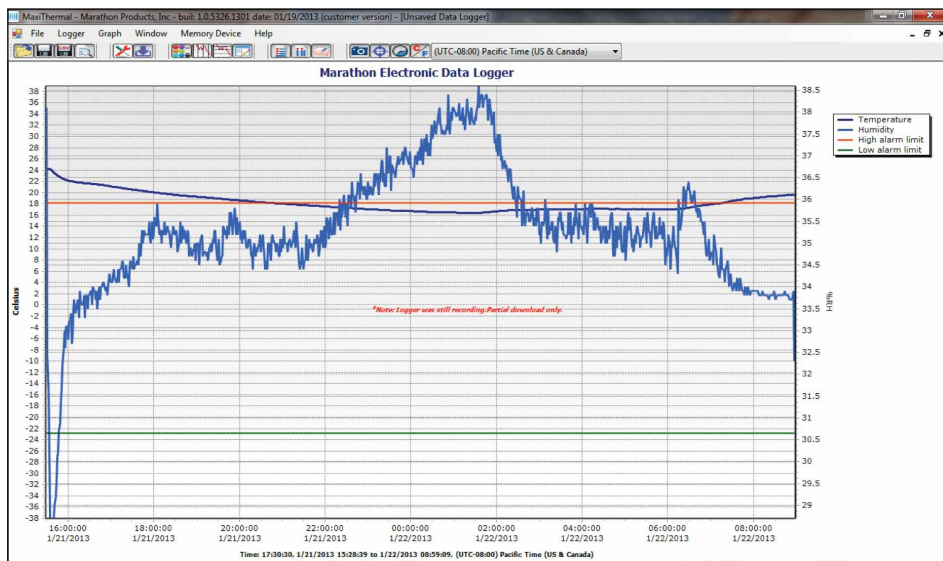
Begin by starting the MaxiThermal software, connect the USB cable, then connect the Marathon data logger.

■ On the menu bar select **Logger / Read Logger** in the drop-down menu.



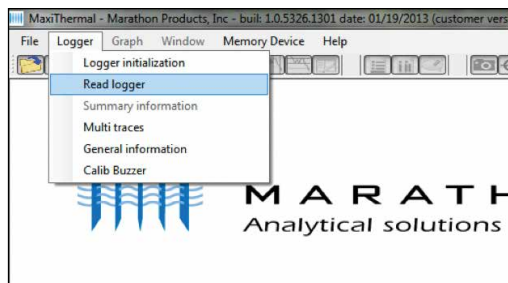
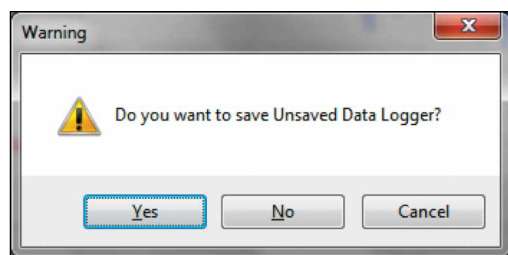
If the logger is recording you will be notified and asked if you want to continue, click **Yes**.

MaxiThermal software will read and plot the logger's data.



This plot is for the 2ctemp-RH logger which records temperature and relative humidity. Similar plots would be generated for 2ctemp-USB, edI-LN2 and edI-RTD2.

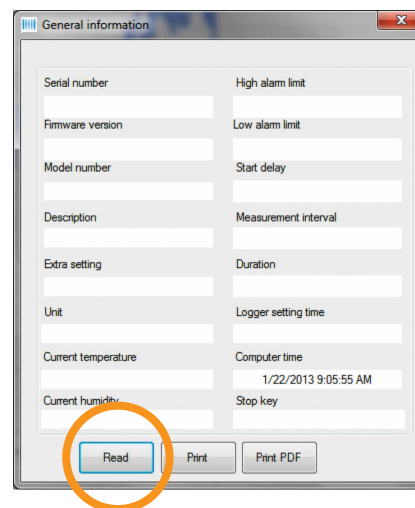
When you close the plot a warning window will open which asks if you want to save the data. Click **Yes**, **No** or **Cancel**.



## Creating Reports

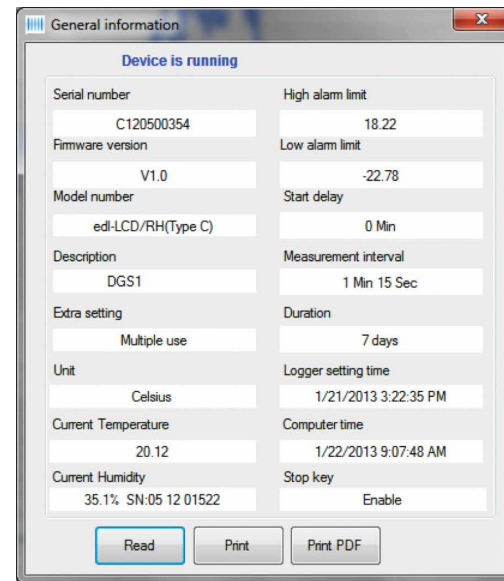
### GENERAL INFORMATION

On the menu bar select **Logger / General Information** in the drop-down menu.



The General Information window will open. Click **Read**.

The software will read the logger's information and fill in the fields.



### SUMMARY INFORMATION

On the menu bar select **Logger / Summary Information** in the drop-down menu.

The Summary Information window will open where you can scroll through the logger information.

