

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.**

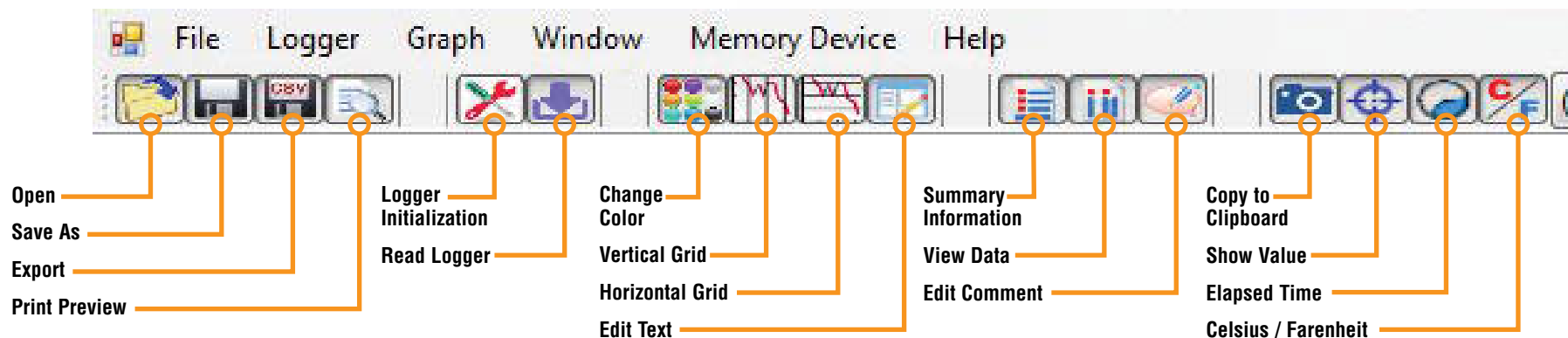
You need to **"Run As Administrator"** when you install the MaxiThermal Software. There are 2 programs on the software CD that need to be installed:

MaxiThermal Software and GPSSocketUSBservice

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



Understanding the Menu Bar

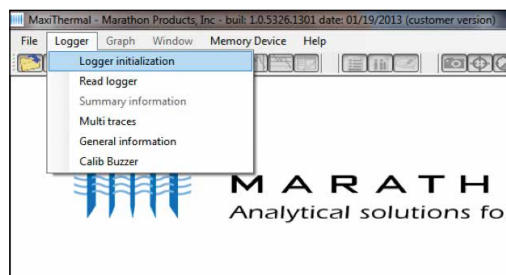


Q U I C K S T A R T G U I D E

Programming The Logger

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

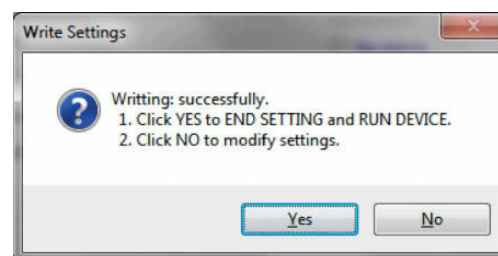
On the menu bar select **Logger / Logger Initialization** in the drop-down menu. The Logger Initialization Window will open.



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 showing '(UTC-08:00) Pacific Time (US & Canada)' and '1/21/2013 15:09:32'; 'Unit' with radio buttons for °F and °C; 'Recording' section with 'Start delay' (0 Min.) and 'Duration' (7 Days); 'Alarm' section with 'Maximum' (18.22 °C), 'Minimum' (-22.78 °C), and 'Quarantine' (0); 'Alarm external sensor' section with 'Maximum' (8.22 °C), 'Minimum' (1.22 °C), and 'Stop key disable' checkbox; and an 'Event log' at the bottom showing '15:08:19 Found: edi-LCD/RH(Type C) on 7&28c82a47&0#{53}' and '15:08:28 Erase all data: successfully.'. Numbered callouts 1 through 11 point to various elements: 1 to 'Erase all data' button, 2 to 'Description' field, 3 to 'Current clock' time zone, 4 to 'Unit' radio buttons, 5 to 'Start delay' dropdown, 6 to 'Duration' dropdown, 7a to 'Maximum' alarm temperature, 7b to 'Minimum' alarm temperature, 8 to 'Maximum' external sensor temperature, 9 to 'Stop key disable' checkbox, 10 to 'Write to device' button, 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.



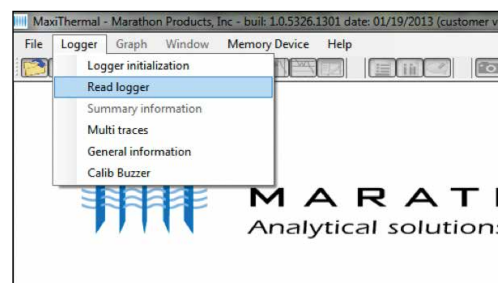
Click **Yes** to confirm you want to write the new configuration to the logger.

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

The image shows the 'Event log 11' 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.

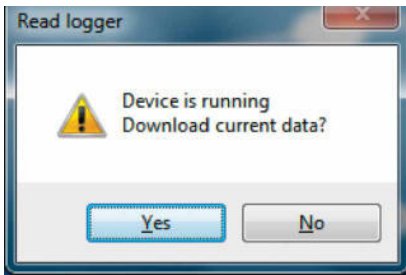
The logger is ready to run. To start recording, press and hold the **START** button on the unit until the green light flashes.

Reading The Logger



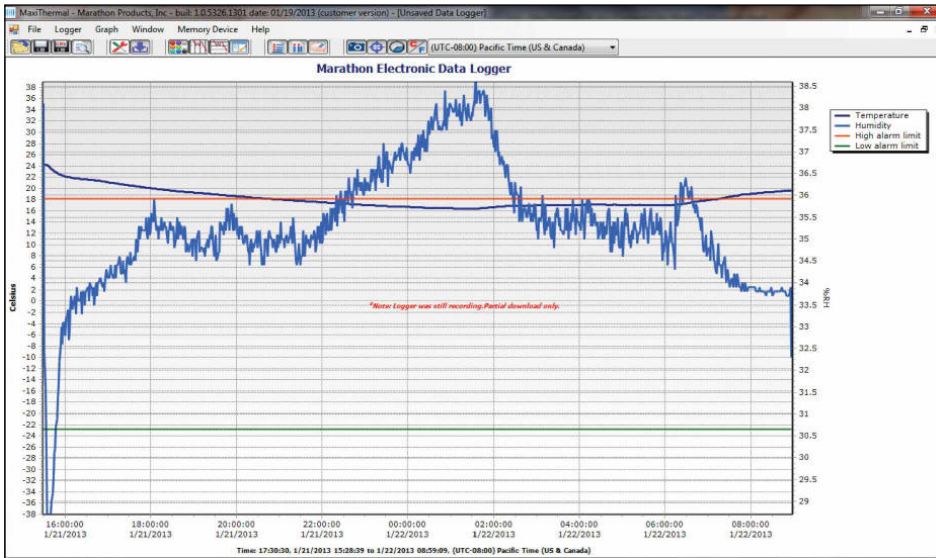
Begin by starting the MaxiThermal software, connect the USB cable, then connect the Marathon data logger.

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



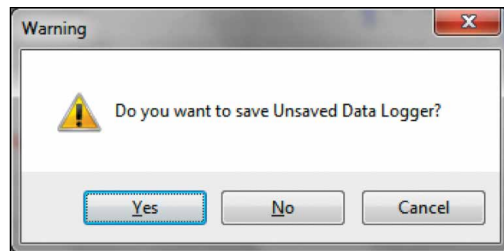
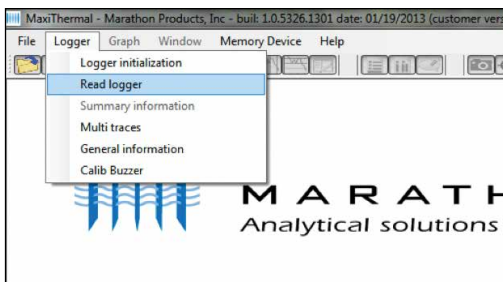
If the logger is recording you will be notified and asked if you want to continue, click **Yes**.

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.

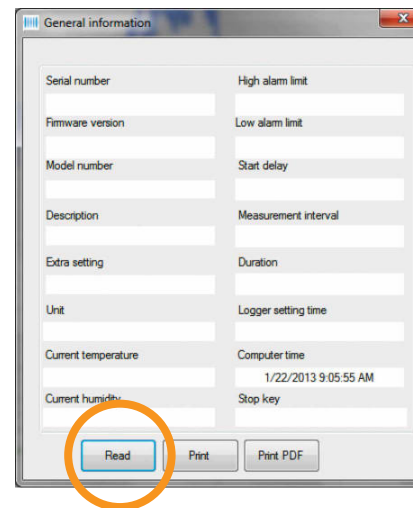
When you close the plot a warning window will open which asks if you want to save the data. Click **Yes**, **No** or **Cancel**.



Creating Reports

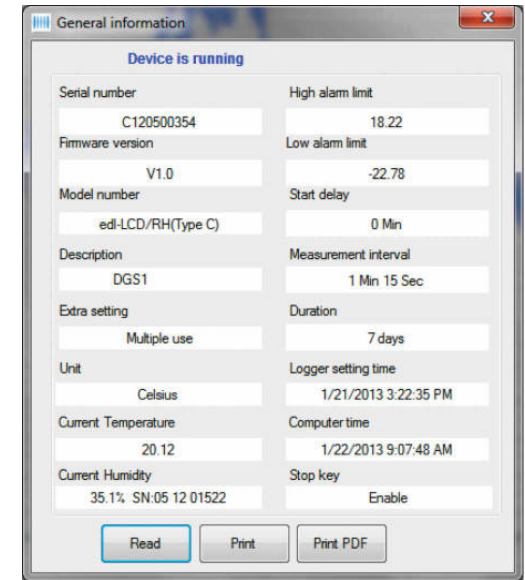
GENERAL INFORMATION

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.

