

be used in programs that do not accept vector-based images. JPEG format is useful for images that will be placed on the web or e-mailed.

Method 2 – Save as an Image File

Select File | Save As... from the menu bar. In the File Type field, choose Metafile, Bitmap or JPEG. Enter a file name with the appropriate extension and click on “OK”.

4.6.5 Formatting Graphs

Graph objects (axis scale, data series, footnote, and titles) can be formatted by double clicking on the object. Some useful, but not so obvious, features and methods are described here to get you started.

Format Chart Options

Position the mouse over the graph window and click the right button. Select Chart Designer. Options include the display format for the title, footnote, legend and second Y-axis on the current chart. From tree view in the left panel of this dialog you can also format any other feature of the chart.

Plot On 2nd Y-Axis

When viewing more than one data series and the magnitude of the scaled data differs greatly, one signal may be “in the dirt” or out of view, depending on how the Y-axis is scaled. It may be helpful to plot one or more data series on the 2nd Y-axis, so that two scales can be used. To do this, double-click on any data series to pop up the Chart Designer with the Options tab selected for that particular data series. Then select Plot on 2nd Y-Axis.

Format Axis/Scale

To change the scale of an axis, double-click on the axis to pop up the Chart Designer with the Scale tab selected for that particular axis.

5.0 DL-1 Data Logger Unit Operation

The panel of the logging unit includes a color legend for the two-color LED display. As seen below, this legend describes the operating mode associated with each color displayed by the LED. A flashing display is differentiated from a solid color.



OFF

No display – the logging unit is currently idle. This is the state the DL-1 should be in when connected to a computer.

START

Green, momentary – a logging sequence has been initiated from the “Start/Stop” button on the panel.

LOGGING

Green, flashing – currently sampling (see **Section 4.2: Configuration Options – Advanced Configuration Options**, for more information).

STOP/COMPLETE

Red, momentary – a configured logging sequence has to run to completion or the current sequence has “Stopped” manually from the “Start/Stop” button on the panel.

LOW BATTERY

Red, flashing, ½ Hz for seconds – low battery; change immediately. The logging unit is always operating when a battery is installed. Even a “dead” battery will provide enough power for subsystems to operate, allowing notification of the low battery voltage condition for some time. A sufficiently discharged battery may not give the full 10-second indication. Please note that a separate, built-in lithium battery protects Data Memory. Following replacement of the primary alkaline battery, the current logging sequence may be continued. Loss of power has the same effect as pressing the “Start/Stop” button on the panel, with the exception of Power Interruption Recovery Mode (see **Section 4.2: Configuration Options – Advanced Configuration Options**).

MEMORY FULL

Data and time/date stamp memory is full - transfer data and re-configure (configuring has the effect of resetting memory; access to logged data is lost).