



The EL-DataPad allows users of certain EL-USB data loggers to configure their units, upload data, and view logging results on-the-spot rather than moving the logger to their PC. This allows shorter breaks in data collection for more data continuity, less travel time, and on-the-spot data review and data logger reconfiguration.

The logger is connected to the EL-DataPad via a standard USB port at the top of the DataPad. Once connected, you are guided through a simple touchscreen menu with options to Set-Up Logger, Stop Logger & Download and View Data. On-screen instructions follow the same structure as EL-USB-WIN software for the PC currently provided with each data logger.

Data from up to 100 loggers can be viewed on the EL-DataPad, with data from a further 400 units stored on the unit at any one time. Data can be transferred to a PC using a supplied micro USB cable. Once uploaded, data is saved in comma separated variable (csv) format, making it suitable for import into spreadsheet programs such as Microsoft Excel or graphed on a PC using EL-WIN-USB software.

Features

- Archive capacity for up to 500 logger uploads
- View uploaded data with general trend and summary reports
- Allows full or quick set-up of compatible EL-USB data loggers
- Touch screen interface for navigation of menus
- 2.8 inch full color TFT display
- Stored data can be transferred to a PC via micro USB cable
- Rechargeable internal built-in lithium battery provides up to 8 hours of use between charges

Compatible EL-USB Data Loggers

The EL-DataPad is compatible with the following Data Loggers:

- EL-USB-LITE
- EL-USB-1
- EL-USB-1-LCD
- EL-USB-1-PRO
- EL-USB-2
- EL-USB-2+
- EL-USB-2-LCD
- EL-USB-2-LCD+
- EL-USB-TC
- EL-USB-TC-LCD

Controls and Setup

2.8 inch Full color touch-screen display

Easy-to-use menu to Set Up data loggers; Download data from logger; View Data; and Instrument settings (Time/Date, Power, Status)



On/Off button

ON = Single press

OFF = Press and hold for 3 seconds

Download and view data directly from data logger.



Upload Data to a PC for further analysis

EL-DataPad Typical Setup and Operation

1. Configure your EL-USB data logger using the EL-DataPad. On the home screen choose “Set-Up Logger.”



2. Your options are “Full Set-Up” or “Quick Set-Up.” Choose “Quick-Set-Up” if you’ve already configured your EL-USB data logger and simply wish to begin recording a new file. Choose “Full Set-Up” to configure your data logger.

3. Press “Change Name” and give your EL-USB data logger a unique name to distinguish it from other EL-USB data loggers.



EL-DataPad Typical Setup and Operation (continued)



4. Set the scale (in this case °C or °F) and the sample frequency.

5. You can also set temperature and humidity alarms.



6. Enter precise alarm values with the numbered touchpad.

EL-DataPad Typical Setup and Operation (continued)

7. Select "Immediate Start" to begin recording immediately or select "Delay Start" to schedule a start date and time.



8. Remove your data logger from the EL-DataPad and start recording data.

9. Plug your EL-USB data logger back into the EL-DataPad to archive and view recorded data.



Dimensions



Dimensions shown are inches (mm)

Specifications

Specification	Minimum	Typical	Maximum	Unit
Data recording capacity		>8.5		million readings
Operating time (on single charge)		8*		hours
Operating Temperature Range	0 (32)		+50 (122)	°C (°F)

*5 hours constant use

Specification	Description
Compatibility	PC (XP, Vista, Win 7)
Battery	Lithium Polymer, rechargeable via micro-USB connection.
LCD	240x320 2.8" TFT with touch-screen.
Memory	Internal flash.
Controls	Single front-panel push-button used for power-switch. Single press=ON, press and hold for 3 sec = OFF
Connections	1x USB Type A socket (top of unit) for connection of data loggers. 1x micro-USB (bottom of unit) for connection of unit to PC via 1m USB cable supplied.

EL-DataPad Ordering Information

Description	Order Number
EL-DataPad Includes EL-DataPad, micro USB cable, software on CD, and Quick Start Guide.	EL-DataPad

EL-USB Data Logger Series Overview

EasyLog Products for Any Application

From temperature and humidity to carbon monoxide trending, there's an EasyLog data logger that's right for you. Click on "Jump" to go to the product's web page.

Measurement		Model EL-USB														
Function	Range	-LITE	-1	-1-LCD	-1-RCG	-1-PRO	-2	-2+	-2-LCD	-2-LCD+	-3	-4	-5	-TC	-TC-LCD	-CO
Temperature	-10 to +50°C (+14 to +122°F)	Jump														
Temperature	-35 to +80°C (-31 to +176°F)		Jump	Jump												
Temperature	-20 to +60°C (-4 to +140°F)				Jump											
High Temperature	-40 to +125°C (-40 to +257°F)					Jump										
Humidity, temperature, dew point	0 to 100% RH -35 to +80°C (-31 to +176°F)						Jump	Jump	Jump	Jump						
Voltage	0 to 30 VDC										Jump					
Process current	4 to 20 mA											Jump				
Event, State, Count	3-28 VDC												Jump			
Thermocouple (no display)	-130 to +900°C (J) -200 to +1300°C (K) -200 to +350°C (T)													Jump		
Thermocouple (with display)	-130 to +900°C (J) -200 to +1300°C (K) -200 to +350°C (T)														Jump	
Carbon monoxide	0 to 1000 ppm															Jump

* **Please Note:** These products are NOT compatible with the EL-DataPad.



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Data Acquisition Product Links

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