

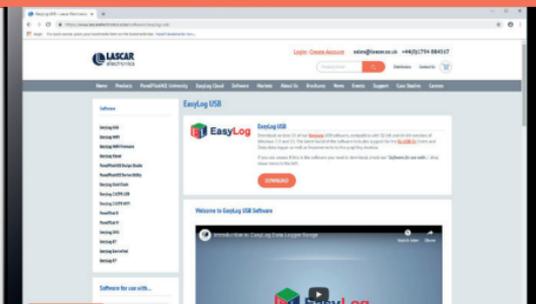


Quick Start Guide

DOWNLOAD AND INSTALL SOFTWARE

Windows™ 7/8/10 (32 & 64bit)

Visit www.easylogusb.com and click 'Download'.



USING THE SOFTWARE

- Insert the data logger into an available USB port on your PC.
- Double click on the EasyLog USB icon on your Windows™ desktop. This will load the configuration software. Click 'Set up and start the USB data logger' and follow the set-up wizard.



- When setup is complete, the data logger should be removed from the USB port. **Do not leave your data logger in the USB port for extended periods as this will cause some of the battery capacity to be lost.**
- You can also download the data from a logger that has been recording or view previously saved data from the software.

The sensor life on a EL-USB-CO logger is typically 4 years. You can find the exact expiry date in the EasyLog software under Current Status.

REPLACING YOUR DATA LOGGER'S BATTERY

Your data logger is provided with a 3.6V 1/2AA battery already installed. You can change the battery by following the instructions below. We recommend you replace the battery every 3 months, prior to logging critical data, or if the sounder is activated every 60 seconds.



LED STATUS INDICATION

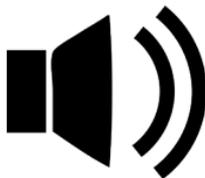
The EL-USB-CO features two LEDs: a green LED to indicate logging status and red LED to indicate alarm level status. By default HOLD is disabled. In this mode the red LED will no longer flash after the logged reading has returned to normal from an alarm condition. Hold can be turned on via the control software. In this mode the red LED that indicates an alarm condition will continue to flash, even after the logged reading has returned to normal. This feature ensures that the user is notified that an alarm level has been exceeded, without the need to download the data from the logger.

The LEDs on an EL-USB-CO will flash in one of the following ways, assuming hold of the warning threshold has been turned off in the EL-WIN-USB control software:

	Green single flash (Every 10 Seconds) The data logger is currently logging, no alarm.
	Green single flash (Every 20 Seconds) The data logger is currently logging. No alarm. Although, battery is low and should be replaced before logging important data.
	Green single flash (Every 30 Seconds) The data logger is not currently logging, but is primed to start at a later date and time. (Delayed start)
	Green double flash (Every 20 Seconds) The data logger is full and has stopped logging, no alarm.
	Red single flash (Every 10 Seconds) The data logger is currently logging. Alarm.
	Red & green single flash (Every 20 Seconds) The data logger is full and has stopped logging. Alarm.
	No LEDs flash The data logger is stopped, the battery is empty or there is no battery fitted.

AUDIBLE WARNING

The EL-USB-CO has a sounder which will issue an audible warning in the event of any alarm threshold being exceeded. By default the sounder is enabled, however it can be disabled in software during configuration of the EL-USB-CO. The audible warning will sound approximately once per second when the warning threshold has been exceeded. The audible warning will only work with the cap correctly fitted. The audible warning will sound once every 60 seconds when there is a low battery condition. This indicates that the battery must be replaced.



IMPORTANT INFORMATION

Always operate EL-USB-CO and replace its batteries according to these instructions. The EL-USB-CO has a facility to indicate when a preset level of CO is exceeded. It does this by flashing a red LED. The factory default is set so that the indicator is enabled for CO level of 50ppm or greater, with sounder also enabled. It is possible to change these settings in the EL-USB-CO software, but any such changes are made entirely at the user's risk. The EL-USB-CO will take a reading at a set interval selected from a drop down list. The LED and sounder will be triggered if a level of gas exceeds the level set, ONLY at the time the logger takes a sample.

Due to the limitations of the device as a professional measuring instrument, the lights and sounds emitted by the device and the strength of the battery are not sufficient to adequately warn people in the same vicinity or building of potentially dangerous levels of carbon monoxide gas. Carbon Monoxide gas can be lethal even in small doses or concentrations, can injure, or even kill animals or people who are not adequately warned of its presence.

It is therefore highly recommended that a domestic or industrial carbon monoxide detector/alarm designed with a nationally approved quality standards and/or features, such as a high decibel alarm or siren and a low battery indicator, specifically designed to provide adequate warning of dangerous carbon monoxide levels, be properly installed, used, and maintained in areas occupied by humans or animals.

EL-USB-CO is not authorized for use as a critical component in life support devices or systems without the express written approval of the Managing Director of Lascar Electronics Ltd. The EL-USB-CO is designed to be used on non-life saving, analysis projects only. It is designed so that analysis of areas with the potential for Carbon Monoxide presence can be carried out for your own interest, not to give peace of mind or save lives. This product is not intended to detect any parameter other than CO. It is not a fire, methane, propane, butane, natural gas or any other combustible gas detector – although it is possible that these gases could affect a reading of CO if these are also present.

For a full product datasheet for your data logger
or for more information on the rest of the EasyLog range visit
www.lascarelectronics.com/data-loggers

Temperature Temperature/
Relative Humidity Voltage Current Event, State &
Count Thermocouple Carbon Monoxide Thermistor



IMPORTANT SAFETY INFORMATION

Repairing or Modifying



Never attempt to repair or modify Lascar products. Dismantling them, other than for the purpose of changing replaceable batteries, may cause damage that is not covered under the warranty. Servicing should only be provided by an authorized supplier.

Disposal and Recycling Information



You must dispose of Lascar products in accordance with relevant laws and regulations. They contain electronic components and lithium batteries and therefore must be disposed of separately from household waste.

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