

Lascar EL-CC-1-001

Lascar EL-CC-1-001 Cold Chain Data Logger Instruction Manual

Model: EL-CC-1-001

1. INTRODUCTION

The Lascar EL-CC-1-001 is a pre-configured, cost-effective data logger designed for monitoring chilled goods. This device simplifies temperature tracking in sensitive environments by providing clear indications of alarm conditions and easy data retrieval. Each logger is ready for immediate use with pre-set high and low temperature alarms.

2. SETUP

The EL-CC-1-001 data loggers are designed for simplicity and come pre-configured for monitoring chilled goods with the following alarm thresholds:

- **High Alarm:** 8°C
- **Low Alarm:** 2°C

To begin logging, simply press the button located on the device. The logger will immediately start recording temperature data. During the logging session, you can press the button again to check the status LEDs, which will indicate if any alarm conditions have been exceeded.



Figure 1: Lascar EL-CC-1-001 data logger. The label clearly indicates 'ALARMS: HIGH 8°C, LOW 2°C' and 'EasyLog CHILLED GOODS'. A green circuit board with gold contacts is visible on the right side, indicating the USB connector.

3. OPERATION

Once activated by pressing the button, the data logger will continuously record temperature data according to its internal settings. The status LEDs provide real-time feedback:

- A green LED indicates that the temperature is within the acceptable range.
- A red LED indicates that the temperature has exceeded either the high or low alarm threshold.

Ensure the logger is placed in the desired monitoring location for the duration of the logging session.

4. DATA RETRIEVAL

After the logging session is complete, or when you need to download the recorded data, follow these steps:

1. Carefully tear open the IP67-rated plastic wallet to expose the built-in USB connector.
2. Plug the USB connector into an available USB port on your Windows PC.
3. Download and install the free **EasyLog CC software** for Windows if you haven't already.
4. Launch the EasyLog CC software. The software will automatically detect the connected data logger.
5. Follow the on-screen prompts within the software to download and graph your temperature data. The software allows you to view, analyze, and export the data.
6. After downloading, you can prepare your logger for its next deployment, as it is designed for reusability.

5. SPECIFICATIONS

Feature	Detail
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Model Number	EL-CC-1-001 PK10
Brand	Lascar
High Alarm Threshold	8°C
Low Alarm Threshold	2°C
Ingress Protection (IP) Rating	IP67 (when sealed in plastic wallet)
Software Compatibility	EasyLog CC software for Windows
Package Dimensions	2 x 2 x 2 inches
Item Weight	3.2 ounces
Manufacturer	LASCAR ELECTRONICS INC

6. TROUBLESHOOTING

- **Logger not starting:** Ensure the button is pressed firmly until the status LED indicates activation.
- **Data not downloading:** Verify the USB connection. Ensure the EasyLog CC software is installed and running. Try a different USB port.
- **Incorrect temperature readings:** Ensure the logger is placed in a location representative of the goods being monitored and away from direct heat sources or extreme cold spots.
- **Alarm LED constantly on:** This indicates that the temperature has gone outside the pre-set 2°C to 8°C range. Review your data to identify when and for how long the excursion occurred.

7. WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance with your Lascar EL-CC-1-001 data logger, please refer to the official Lascar Electronics website or contact their customer service directly. Keep your purchase receipt for warranty claims.

Related Documents - EL-CC-1-001

	<p><u>EL-USB-2-LCD Data Logger: Temperature, Humidity, and Dew Point Measurement</u></p> <p>Learn about the Lascar EL-USB-2-LCD, a standalone data logger for temperature, humidity, and dew point with an LCD screen. Features include high accuracy, large storage, free EasyLog software, and IP67 protection.</p>
	<p><u>Lascar EL-USB-ACT Current/Voltage Data Logger Quick Start Guide</u></p> <p>This quick start guide provides essential information for setting up and using the Lascar EL-USB-ACT Current/Voltage Data Logger, including software installation and basic operation.</p>
	<p><u>EasyLog EL-USB Data Logger Quick Start Guide Lascar Electronics</u></p> <p>A quick start guide for the Lascar Electronics EasyLog EL-USB series of data loggers, covering software installation, usage, battery replacement, and an overview of the EasyLog product range.</p>
	<p><u>EL-USB-TC Thermocouple Data Logger with USB Interface - Lascar Electronics</u></p> <p>Detailed overview of the Lascar EL-USB-TC thermocouple data logger, featuring temperature measurement ranges for J, K, and T types, USB interface, programmable alarms, and LED status indicators. Includes specifications, software details, and product range comparison.</p>
	<p><u>Lascar EL-USB-1-PRO Installation and Operation Guide</u></p> <p>Comprehensive guide for installing, operating, and troubleshooting the Lascar EL-USB-1-PRO temperature data logger. Includes setup, software installation, and environmental disposal information.</p>