

CSL-Series Logger

High Precision Multi-Use Loggers



Quick Start Guide



“

We appreciate your purchase of our product. For a brisk introduction, please follow this Guide.

”

-The CredoSense Team

Technical Specifications

Operating Temperature	: - 45 to 85°C
Dimension	: 55 x 47 x 20mm
Weight	: ~35g
Battery (main)	: CR2450 (Li-ion, 3V)
Battery (clock)	: CR1025 (Li-ion, 3V)
Recording Capacity	: >50,000 samples

Warranty

Our products carry a one-year warranty against defects in both components and workmanship. If this product should prove defective within the warranty period, it will be replaced or repaired free of charge. Full details of liability are available at www.credosense.com.

Basic Operation

Configure

Change batteries
(if required)

Download data

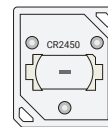
Use the Logger

1 Installing Batteries

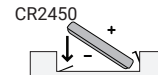
CSL-Series Loggers require CR2450 and CR1025 lithium batteries (included with purchase).

Note: due to international shipping restrictions of Lithium batteries, in some instances, batteries may not be included. In such cases, please purchase suitable batteries and follow the instructions below for installing or replacing batteries.

Main Battery



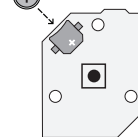
Press until you hear a clicking sound



Clock Battery

Unscrew the circuit board, take it out, and flip

CR 1025



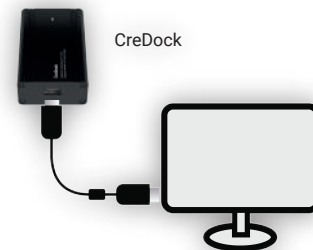
Slide in with the + side up

2 Connecting to a Computer

2.1 Connecting the reader

You will require a CSL-Series Reader (CreDock) and associated CredoWare to program and download data from CSL-Series Loggers to a computer. A CreDock can be purchased separately. CredoWare to configure, download, and process data from CSL-Series Loggers is freely available at:

<https://www.credosense.com>



Connection of CreDock with a computer

2 Connecting to a Computer

2.2 Connecting the Logger

Once the CreDock is connected to a computer, connect the Logger to the CreDock. Open CredoWare, wait until it shows the status as "Connected".

A connected Logger will show a blue notification LED.



Connecting the CSL-Series Logger to a CreDock

3 Configuring Loggers using CredoWare

CredoWare allows you to configure the Logger to suit your needs (e.g., setting the alarm and measurement intervals, etc.).

Once configured, press the "Disconnect" button in CredoWare. Please wait until it shows "Disconnected" in the status. The Blue LED of the Logger will turn off.

Note: Please Sync Time on first use

4 Start/Stop Logging

If the logging start/stop option is set at a specific time, the Logger will automatically start and stop logging at the specified time.

However, If the start/stop option is set to button press, long-press the button and release it when the Green LED lights up; the Logger enters into the logging mode.

To stop logging, long-press the button and release it when the Red LED lights up; the Logger is now in idle mode.

5 Powering the Logger without battery

CSL-Series Loggers can be powered even without using the specified battery. They are programmed to run on external power in case an external power is supplied through the USB type C port. A USB type C to type A cable is required for this operation.

A power source can be any USB 5V power supply device such as a computer, a USB phone charging head, a powerbank, etc. CreDock can also act as a power source. It can feed power to CSL-Series Loggers if connected to a computer.

Note: A CR1025 battery is still needed for the Logger to function.

6 Reading logged data

Connect the Logger to the CreDock. Open CredoWare and wait for the status to be "Connected." Press the Read Logged Data button.

Real-time Data

Read Logged Data

Note: No need for battery for reading data.

7 Guide to the button and notification LED

LED and button press:

A white LED lights up after inserting a battery, or a power source (using the type C port), indicating the Logger is powered up.

Single press the Logger button to check whether the logging is ON or OFF. A green light indicates logging is ON, whereas a red light indicates it's OFF.

Long press (>1.5s) to toggle logging ON or OFF. A subsequent green or red LED light will indicate logging is turned ON or OFF, respectively.

If the logging is set to start/stop at a specific time, "very long press," until you see a blinking LED, will ensure force toggle between logging ON and OFF. A subsequent green or red LED light will indicate logging is turned ON or OFF, respectively.

Alarm:

If the alarm is turned ON and thresholds are set during configuration, a red LED blinks every minute, indicating any of the measurement values are above the higher threshold. A blue LED indicates any of the readings is below the lower threshold limit. If the measured values are within the threshold, a green LED lights up every minute.

We spend the least on marketing so that you can buy at an affordable price.
Please help spread the word.

Support



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