



This quickstart guide covers preparation, use and maintenance for the following models: **TRIX-8, TRIX-16, SRIC-4, TREX-8, TRIL-8, SRIL-8 & TREL-8**

## 1. SOFTWARE SETUP

Before using your LogTag®, you will need to download and install our freely available companion LogTag® Analyzer software from our website: [www.logtagrecorders.com/software](http://www.logtagrecorders.com/software). Simply browse to our software page, fill in your details and begin your download.

Once it has finished downloading, install LogTag® Analyzer to your computer and start the program once it is installed. (For detailed software download and install instructions, please refer to the LogTag® Analyzer User Guide).

## 2. LOGTAG® CONFIGURATION

Next you will need an Interface Cradle connected to your computer. Once connected, your computer should automatically notify you that it has successfully installed the Cradle onto your computer

Please note: You only require 1 Interface Cradle for all non-USB LogTag® products. You can however, connect as many Cradles as you like if you wish to configure multiple loggers simultaneously.



## “Standard Configuration”

Insert the LogTag® into the Interface Cradle, contacts first and the LED's towards the Interface label. With the Software also running, the easiest way to configure your LogTag® for use is with the 'LogTag Wizard' which can be accessed by pressing the 'F2' key on your keyboard or you can browse via the top navigation menu: 'LogTag' > 'Wizard'

The screenshot shows the 'LogTag Wizard' configuration window. It includes fields for 'User ID', a 'Push button start' dropdown, and a 'LogTag battery: OK' status. There are several checkboxes for logging options: 'Enable pre-start logging', 'Record readings continuously, overwrite oldest when memory full', 'Record readings so that:', 'Enable the OK (Green) indicator', 'Enable the Alert (Red) indicator, when:', 'Configure requires a password', and 'Download requires a password'. The 'Record readings so that:' section has input fields for 'Readings recorded will span at least' (5 days) and 'Number of readings to record' (7,201). The 'Record a reading every' section has a dropdown for 'Minutes' (1). The 'Begin recording after a delay of' section has a dropdown for 'Minutes' (0). The 'Alert' section has input fields for 'Readings below' (-40) and 'or above' (85) °C, and checkboxes for 'After' conditions (0 consecutive alert readings, 4 minutes after 4 readings, and 'Leave alert indicator enabled even if readings return within alert range').

1. Provide a 'User ID' to identify the logger being configured.
2. Select Push button or Time/Date start.
3. Specify how long you wish to record for. (Optional start delay).
4. Choose the time duration between each reading.
5. Specify the upper temperature alarm.
6. Specify the lower temperature alarm.
7. Optionally specify a password for next configure or download.

Every LogTag® model is unique in specification. For more information on configuring your Logger, please refer to the User Guide specific to your model for advanced configuration options.

## 3. START / INSPECT

Once a LogTag® has been configured, pressing the START/MARK button has a different outcome depending on what the logger is doing at the time the button is pressed.

*To start the logger: Press and hold the START/MARK button until the red and green LED's start alternate flashing, then release.*

- If the logger is configured for a push button start, pressing this button will activate the main recording. There is no need to be concerned about any lost data if the user forgets to press this button, as a pre-start recording feature can be activated, logging data even before the trip is started.
- Once the LogTag® has been started, pressing the button will insert an inspection mark in the data recordings, which is displayed when viewing the data in the software.
- If configured, Alert Conditions can be reset when this button is pressed.

## 4. DOWNLOAD / RESULTS

1. Open LogTag® Analyzer on the computer you wish to download the Logger on.
2. Ensure an Interface Cradle is connected and insert the LogTag® into the Cradle.
3. If you have enabled automatic download in Edit > Options > Automation then LogTag® Analyzer will automatically download the readings from the Logger and display a temperature chart. To manually download the readings, Select "LogTag" > "Download" or alternatively press "F4" on your keyboard and follow on-screen instructions.

## LIGHT PATTERNS

The following table is a useful reference for how your LogTag communicates with the user via the red and green LED's.

SIGNAL	SEQUENCE	OCCURRENCE
LogTag® wake-up signal	4 alternate flashes of green/red LED's	<ul style="list-style-type: none"> <li>Displayed after configuration has been successfully applied to the LogTag®.</li> <li>When a LogTag® is woken from Hibernation state.</li> </ul>
LogTag® start-up signal	16 alternate flashes of green/red LED's	Displayed when the LogTag® starts its recording cycle.
Mark signal	5 simultaneous flashes of green/red LED's	<ul style="list-style-type: none"> <li>Displayed when pressing START/MARK button while recording to indicate an inspection mark in the software.</li> <li>Displayed directly after the start-up signal following a push button start where a recording delay has been configured. In this instance the start-up signal is repeated when the actual recording begins.</li> </ul>
Logging active, no alert present	Single flash of green LED every 4 seconds	<ul style="list-style-type: none"> <li>Indicates the LogTag® is recording.</li> <li>This is not displayed when pre-start is active and the main logging cycle has not yet started. It is also not displayed when the green LED has been turned off in the configuration screen.</li> </ul>
Logging finished, no alert present	Single flash of green LED every 8 seconds	<ul style="list-style-type: none"> <li>Indicates LogTag® has finished recording.</li> <li>This is not displayed when the green LED has been turned off in the configuration screen. Will also be displayed when unit has been woken up from hibernation.</li> </ul>
Alert condition present	Single flash of red LED every 4 seconds	<p>Displayed when the LogTag® has been detected an alert condition and the Alert LED has been activated.</p> <p>If an alert is present you cannot determine if the unit is still logging or has finished its log cycle. If the Alert LED has not been activated during configuration, in essence the visual indicators have been disabled, and the green LED will flash every 4 or 8 seconds as above.</p>
Communication	The green LED will flash occasionally	During communication with the interface the green LED will flash occasionally; no information is conveyed in this.
Start button press	Red LED glows faintly	This is by design but conveys no information.

## BATTERY REPLACEMENT

Some LogTag® products have a replaceable battery, some of which may be soldered to the electronics to avoid contact issues that exist with other branded loggers; for these you will need some soldering expertise and a battery replacement kit from your distributor.

Please also note that the products do contain a non-rechargeable Lithium Battery, which must be disposed of in accordance with local regulations.

## HIBERNATION

To prolong the life of your recorder you can hibernate it between trips via LogTag® Analyzer when it is not being used for extended periods. Please refer to the User Guide in the section about Hibernation.

## CALIBRATION

All LogTag® products can be calibrated with special utility software, which will be made available to calibration labs upon request. Re-calibrated loggers can be identified and traced back to the calibrating lab thus reducing the risk of fraudulent data tampering.

## WATER INGRESS

Please carefully observe the IP rating for your unit and remember that none of the LogTag® products can be immersed into liquids.

## CONTACT CLEANING

Keep the three metal contacts at the back of the logger clean and free from tape residue, dirt or other contaminants, as these usually result in communications problems. If required, clean them with a soft pencil eraser, but don't use abrasive materials as you may permanently damage them.