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Innovation Preceding All

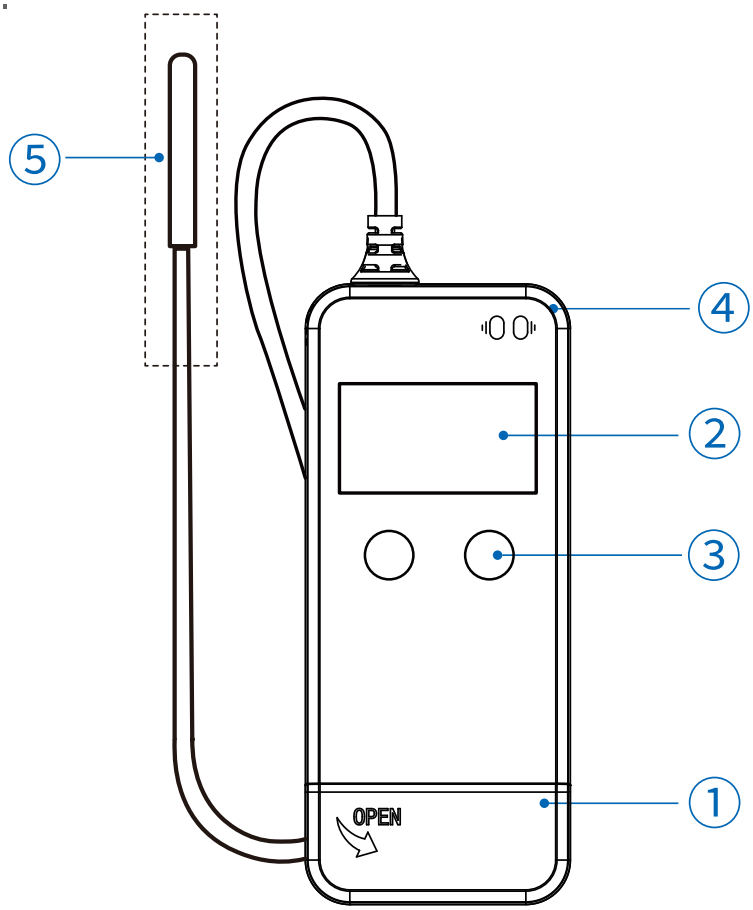
User Manual

LogEt 5 Series

Overview

LogEt 5 series data loggers can be widely used in each stage of the storage and cold chain logistics, such as refrigerated containers/ trucks, cooler bags, cooling cabinets, medical cabinets, freezers, and laboratories.

The loggers feature an LCD screen and two buttons design. They support various start and stop modes, multiple threshold settings, two storage modes (stop when full & cyclic record) and PDF report automatically generated for users to check data without using software.



① USB Port	④ Internal Sensor
② LCD Screen	⑤ External Sensor
③ Button	

Model Selection

Model	LogEt 5 T	LogEt 5 TE	LogEt 5 TH	LogEt 5 THE
Type	Internal Temperature	External Temperature	Internal Temperature and Humidity	External Temperature and Humidity
Measurement Range	-30°C ~ 70°C -22°F~ 158°F	-40°C ~ 85°C -40°F ~ 185°F	-30°C ~ 70°C -22°F ~ 158°F 0%RH ~ 100%RH	-40°C ~ 85°C -40°F ~ 185°F 0%RH ~ 100%RH
Sensor	Digital Temperature Sensor		Digital Temperature and Humidity Sensor	
Accuracy	Temperature: ±0.5°C(-20°C～40°C);0.9°F（-4°F～104°F） ±1°C(-100°C～150°C);1.8°F（-148°F～302°F） ±2°C(others);3.6°F(others) Humidity: ±3%RH(25°F: 20%RH～80%RH), ±5%RH(others)			

Specifications

Resolution: Temperature: 0.1°C/0.1°F; Humidity: 0.1%RH	
Memory: 32,000 points (MAX)	
Logging Interval: 10 seconds ~ 24 hours	
Start Mode: Press button or use software	
Stop Mode: Press button, use software, or auto stop	
Alarm Threshold: Configurable;	
Temperature: up to 3 high limits and 2 low limits;	
Humidity: 1 high limit and 1 low limit	
Alarm Type: Single, cumulative	
Alarm Delay: 10 seconds ~ 24 hours	
Data Interface: USB port	
Report Type: PDF data report	
Battery: 3.0V disposable lithium battery CR2450	
Battery Life:	2 years for storage and use (25°C:10 minutes logging interval and can last 180 days)
Protection Level: IP65	
External probe length: 1.2m	
Dimensions: 97mmx43mmx12.5mm (LxWxH)	

Operation

1. Install Software

Please download and install the free ElitechLog software (macOSand Windows) from www.elitechlog.com/softwares.
or Elitech US: www.elitechus.com/pages/download
or Elitech UK: www.elitecheu.com/pages/software.

2. Configure Parameters

First connect the data logger to the computer USB port, wait until the USB icon shows on the LCD, then configure via:
ElitechLog software:
- If you do not need to change the default parameters (in Appendix); please click Quick Reset under Summary menu to synchronize local time before usage;
- If you need to change the parameters, please click the Parameter menu, enter your preferred values, and click the Save Parameter button to complete the configuration.

Warning! ***For first time user or after battery replacement:***
To avoid time or time zone errors, please make sure you click ***Quick Reset*** *or* ***Save Parameter*** *before usage to sync and configure your local time into the logger.*

3. Start Logging

Press Button:
Press and hold the left button for 5 seconds until the ▶ icon shows on the LCD, indicating the logger starts logging.
Auto Start:
Immediate Start: The logger starts logging after plugged out from the computer.
Timed Start: The logger starts counting after removed from the computer, and will start logging automatically after the set date/time.

Note: If the ▶ icon keeps flashing, it means the logger configured with start delay; it will start logging after the set delay time elapses.

4. Mark Events

Double click the left button to mark current temperature and time, up to 10 groups. After events marked, the LCD will display Mark, currently marked groups and SUC.

5. Stop Logging

Press Button*: Press and hold the right button for 5 seconds until the ■ icon shows on the LCD, indicating the logger stops logging.
Auto Stop**: When the recorded points reach the maximum memory, the logger will stop automatically.
Use Software: Open ElitechLog software, click Summary menu, and Stop Logging button.

*Note: *Stop via **Press Button** is the default. If set as disabled, this function will be invalid, please open ElitechLog software and click **Stop Logging** button to stop it.*
***The **Auto Stop** function will be disabled automatically if you enabled the **Circular Logging**.*

6. Download Data

Connect the data logger to your computer USB port, wait until the USB icon shows on the LCD, then download data:
Without ElitechLog Software: Simply find and open the removable storage device **ElitechLog**, save the auto generated PDF report to your computer for viewing.
With ElitechLog software: After the logger auto-upload its data to the ElitechLog software, click **Export** and select your preferred file format to export. If data failed to auto-upload, please manually click **Download** and then repeat above operation.

7. Re-use the Logger

To reuse a logger, please stopped it first.Then connect it to your computer and use ElitechLog software to save or export the data.
Next, reconfigure the logger by repeating the operations in **2. Configure Parameters*.** After finished, follow **3. Start Logging** to restart the logger for new logging.

*Warning! * To make space for new loggings, all previous logging data inside the logger will be deleted after re-configuration.*
*If you forgot to save/export data, please try to locate the logger in the **History** menu of ElitechLog software.*

8. Repeat Start:

To restart the stopped logger, you may press and hold the left button to start logging quickly without reconfiguration.

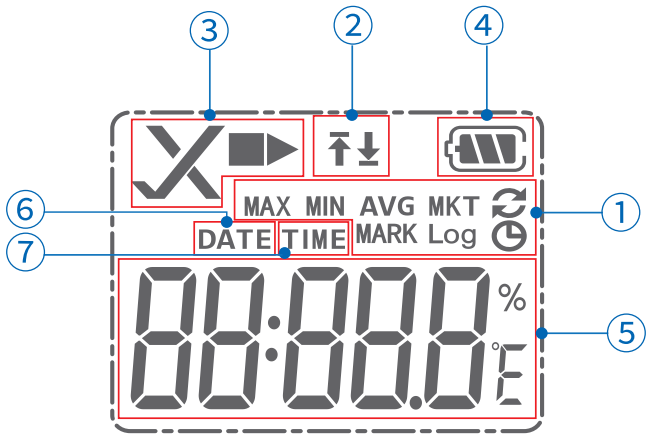
Note: Please backup data before restart by repeating ***6. Download Data . Without ElitechLog Software.***

Status Indication

1. Buttons

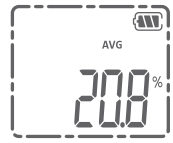
Operations	Function
Press and hold the left button for 5s	Start logging
Press and hold the right button for 5s	Stop logging
Press and release the left button	Check/Switch interfaces
Press and release the right button	Back to main menu
Double click the left button	Mark events (under logging status)

2. LCD Screen



① Function	⑤ Temperature/Humidity Value
② High/Low limit alarm	⑥ Date
③ Working status	⑦ Time
④ Battery Level	

3. LCD Interface

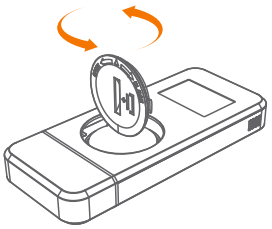
Meaning	Display	Meaning	Display
1.Timed start Delay start		10.Minimum humidity	
2.Not start		11.Recorded points	
3.Started		12.Average temperature	
4.Current date & time	 	13.Average humidity	
		14.MKT value	
5.First record time		15.Sensor error	
6.First record content		16.PDF generation progress	
7.Maximum temperature		17.Marked	
8.Minimum temperature		18.USB communicating	
9.Maximum humidity		19.Reconfigure parameters	

LCD- LED indication

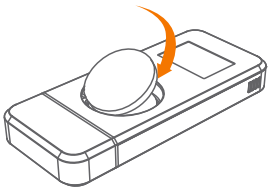
Function	LED Indicator	Operation
Not Started	Both flash once	Press button
Start logging	Flash 5 times	Long press left button 5 secs
Start delay/timing	Flash alternately	Press button
Started	Flash once （Alarm） Flash one （Not alarm）	Press button
Mark data	Flash twice	Double click left button
Stop logging	Flash 5 times	Long press right button 5 secs

Battery Replacement

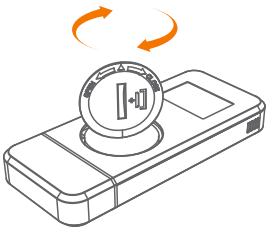
1. Turn the battery cover counter clockwise and remove it, take out the old battery.



2. Place a new battery inside with “+” side up.



3. Turn the battery cover clockwise and tighten it.



What's Included

- Temperature (Humidity) Data Logger x 1
- User Manual x 1
- Certificate of Calibration x 1

Warning!

- Please store your logger at room temperature.
- If you use the logger for the first time, please use ElitechLog software to synchronize system time and configure parameters.
- Do not remove the battery if the logger is logging.
- The LCD screen will be auto off after 15 seconds of inactivity (by default). Press the button again to turn on the screen.
- Any parameter configuration on ElitechLog software will delete all logged data inside the logger. Please save data before you apply any new configurations.
- Do not use the logger for long-distance transport if the battery icon is less than half as.

Default Parameter Configurations

Parameter	Default
Logging Interval	10 min
Start Mode	Press Button
Start Delay	/
Stop Mode - Press Button	Enable
Temporary PDF	Enable
Time Zone	UTC+0:00
Repeat Start	Enable
Circular Logging	Disable
Alarm Mode	Multiple Alarms
Alarm Type	Single
Alarm delay	/
High Temperature Limit H3	/
High Temperature Limit H2	/
High Temperature Limit H1	8 °C / 46.4°F
Low Temperature Limit L1	2 °C / 35.6°F
Low Temperature Limit L2	/
Calibration Temperature	0 °C / 32.0°F
High Humidity Limit	/
Low Humidity Limit	/
Calibration Humidity	/

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