

RC-4/RC-4HA/RC-4HC

Quick Start Guide

Install Battery

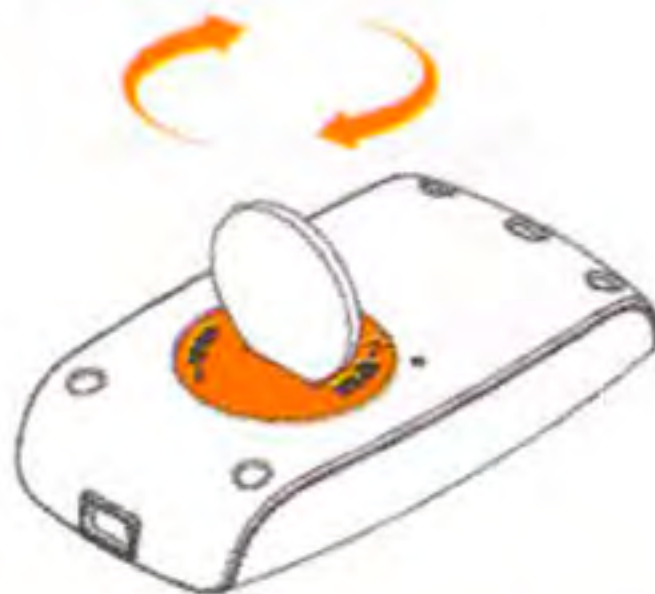
1. Use a proper tool (such as a coin) to loosen the battery cover.



2. Install the battery with “+” side upward and keep it under the metal connector.



3. Put the cover back and tighten the cover.



Note: Do not remove the battery when the logger is running. Please change it when necessary.

Install Software

1. Please visit www.elitechlog.com/software. Select and download the software.



2. Double click to open the zip file. Follow the prompts to install it.


3. When the installation is completed, the ElitechLog software will be ready to use.



Please disable the firewall or close the antivirus software if necessary.

Start/Stop Logger

1. Connect the logger to a computer to sync the logger time or configure parameters as needed.

2. Press and hold  to start the logger until  shows. The logger starts logging.

3. Press and release  to shift between display interfaces.

4. Press and hold  to stop the logger until  shows. The logger stops logging.

Please note all the recorded data cannot be changed for security reasons.

Configure Software

1.Download Data: ElitechLog software will automatically access the logger and download the recorded data to local computer if it finds the logger is connected. If not, manually click “Download Data” to download the data.

2.Filter Data: Click “Filter Data” under Graph tab to select and view your desired time range of the data.


3.Export data: Click “Export Data” to save Excel/PDF format files to local computer.

4.Configure options: Set logger time, log interval, start delay, high/low limit, date / time format, email etc. (Check User Manual for default parameters).

Note: New configuration will initialize previous recorded data. Please make sure to back up all necessary data before you apply new configurations.

Refer to “Help” for more advanced functions. More product information are available on the company

Troubleshooting

If...	Please...
only a few data was logged.	check whether the battery is installed; or check if it was installed correctly.
the logger does not log after start up	check whether start delay is enabled in the software configuration.
the logger cannot stop logging by pressing the button  .	check parameter settings to see if button customization is enabled (default configuration is disabled.)

▲ Important !

- ◆ Please store the logger in indoor environment.
- ◆ Do not use the logger in corrosive liquid or excessive heat environment.
- ◆ If this is the first time you use the logger , it is suggested to connect the logger to a computer to sync the time.
- ◆ Please dispose or handle the waste logger properly by local legislation.

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V2.0

Technical Specifications (RC-4)

Recording Options	Multi-Use
Temperature Range	30°C to 60°C (Internal sensor) -40°C to 85°C (optional external sensor)
Temperature Accuracy	±0.5(-20°C/+40°C); ±1.0(other range)
Temperature Resolution	0.1°C
Data Storage Capacity	16,000 readings
Shelf Life/Battery	1 years ¹ /CR2450 button cell
Recording Interval	15 minutes (standard, others on request)
Demensions	84mmx44mmx20mm(LxWxH)
Weight	35g

Certifications	EN12830, CE, RoHS
Validation Certificate	Hardcopy
Software	ElitechLog Win or Mac (latest version)
Report Generation	PDF&Excel report by Elitech software
Password Protection	NONE
Connection Interface	Mini USB
Alarm Configuration	Optional, only 2 points
Reprogrammable	With free Elitech Win or MAC software
Startup Mode	Button
Stop Mode	Button, software or stop when full

1. Depending on optimal storage conditions
($\pm 15^{\circ}\text{C}$ to $+23^{\circ}\text{C}$ /45% to 75% rH)

Technical Specifications (RC-4HA/RC-4HC)

Recording Options	Multi-Use
Temperature Range	-30°C to 60°C (Internal sensor) -40°C to 85°C (optional external sensor)
Humidity Range	10%-99%
Accuracy	±0.5(-20°C/+40°C); ±1.0(other range) ±3%RH(25°C,20%RH to 90%RH), ±5%RH(other range)
Temperature Resolution	0.1°C,0.1%RH
Shelf Life/Battery	1 years ¹ /CR2450 button cell
Recording Interval	15 minutes(standard, others on request)
Stop Mode	Button, software or stop when full
Demensions	84mmx44mmx20mm(LxWxH)
Weight	35g

Certifications	EN12830, CE, RoHS
Validation Certificate	Hardcopy
Software	ElitechLog Win or Mac (latest version)
Report Generation	PDF&Excel report by Elitech software
Connection Interface	Mini USB
Data Storage Capacity	8000 readings (RC-4HA) 16,000 readings (RC-4HC)
Password Protection	NONE
Alarm Configuration	Optional, only 2 points
Reprogrammable	With free Elitech Win or MAC software
Startup Mode	Button

1. Depending on optimal storage conditions
($\pm 15^{\circ}\text{C}$ to $+23^{\circ}\text{C}$ /45% to 75% rH)

CERTIFICATE OF CALIBRATION



STATEMENT OF CALIBRATION

Elitech certifies that the products mentioned on the following page have been thoroughly tested, validated and meet performance accuracy specifications over the stated ranges. Calibration expires two years from the date of production.

REFERENCE EQUIPMENT

Constant Temperature Trough of Low Temperature Model HC-2010 Accuracy $\pm 0.05^{\circ}\text{C}$;
Low-Temperature checking Equipment Model ATL60 Accuracy $\pm 0.015^{\circ}\text{C}$;
All reference instruments are calibrated by Shenzhen Tiansu Calibration and Testing Co., LTD, a CNAS (China National Accreditation Service) accredited laboratory, and traceable to NIST according to Multi-Recognition Agreement.

Temp Accuracy -20°C ~ $+40^{\circ}\text{C}$ ($\pm 0.5^{\circ}\text{C}$) Others $\pm 1.0^{\circ}\text{C}$

Validation Points	Tolerance	Result
+60°C	$\pm 1.0^{\circ}\text{C}$	PASS
+40°C	$\pm 0.5^{\circ}\text{C}$	PASS
+25°C	$\pm 0.5^{\circ}\text{C}$	PASS
0°C	$\pm 0.5^{\circ}\text{C}$	PASS
-5°C	$\pm 0.5^{\circ}\text{C}$	PASS
-25°C	$\pm 1.0^{\circ}\text{C}$	PASS

model
serial number

Model: RC-4 S/N: EF520B100729



Software download: www.elitechlog.com/software

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