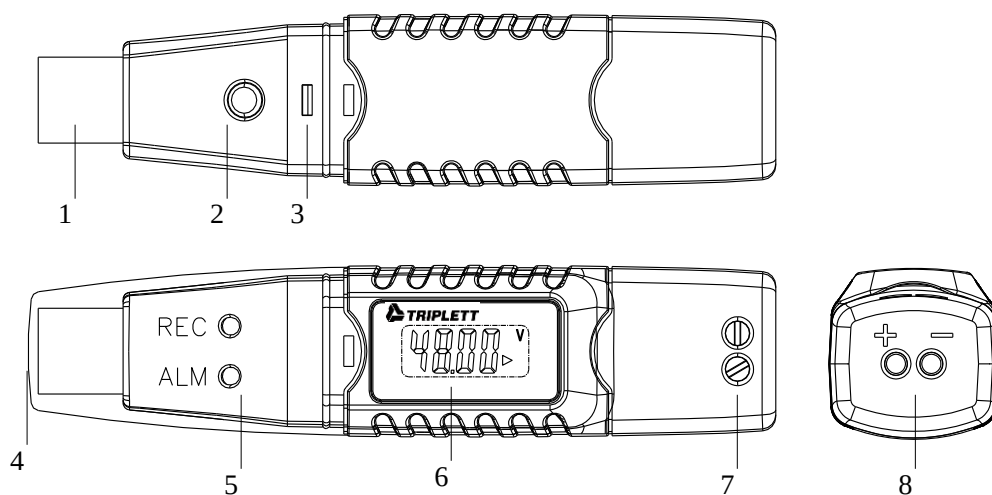


VDL48

DC Voltage Datalogger (0 to 48V)



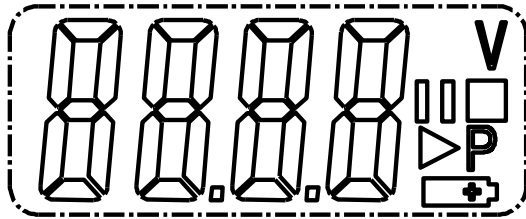
1.Product overview



- ① USB connection plug
- ② Key
- ③ Case buckle
- ④ Protective cap
- ⑤ Red and green LED control light
- ⑥ LCD
- ⑦ Measuring wire set screw
- ⑧ Measuring wire ports

2.LCD indicators

The current state of the recording is indicated by the following symbols:



V is voltage unit

|| Waiting to press the button to start

▷ Recording started

□ Recording stopped

$\overline{P}$ This indicated that the device is configured and recording is not started. It will disappear as soon as the logger is recording data.

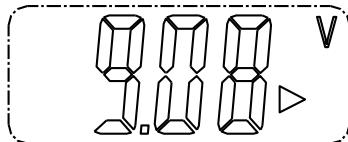
⊕ Low power indicator

State 1:



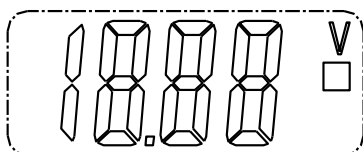
|| The logger is in the “Manual(Start upon key press)” mode, but the start key has not been pressed yet.

State 2:



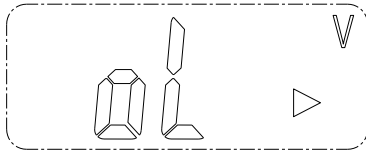
▷ The logger is recording.

State 3:



□ Recording is stopped.

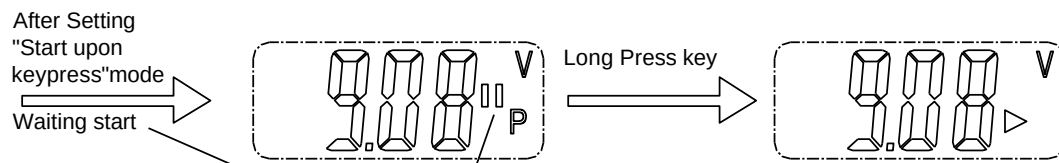
OL sign:



Measurement error or measured values beyond the range.

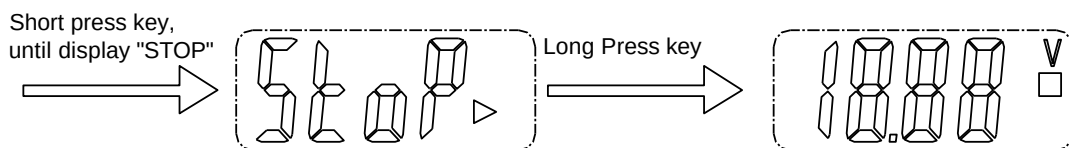
2.Start Recording

This page is available if the logger is in “Start at key press” mode.



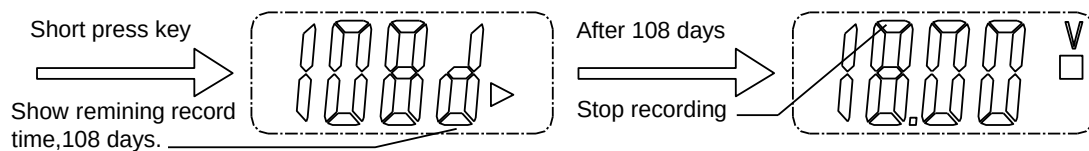
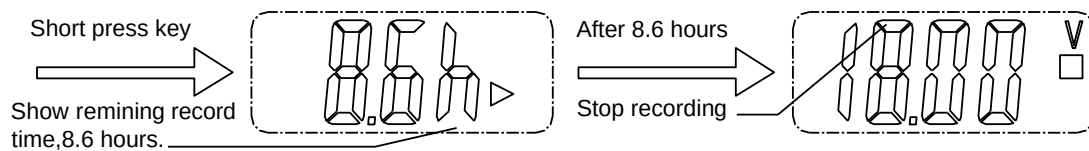
3.Stop Recording

Select this function to stop recording if the logger is programmed for manual stop. Press and hold the button for three seconds to terminate recording.



4.Remaining Recording Time

Shows the remaining time until end of recording.



6. Generating a PDF-File

As soon as the logger is connected to a USB-slot, a PDF file with all recorded data in chart and an overview of alarms is generated automatically. The red led indicator lights up during PDF generation.

Depending on the number of stored measurements, generating the PDF-file might take up to 60 seconds.

As soon as the logger is reprogrammed, the PDF file on the logger will be deleted.

7. LED Status Guide

LED Indication	Action
Cycle green single flash	-Logging
Cycle red single flash	-Logging, low alarm or high alarm. -Manual mode waiting start -Memory full -Stop upon stop time -Stop upon key
Green double flash one time	-Setup successful -check upgrade file successful

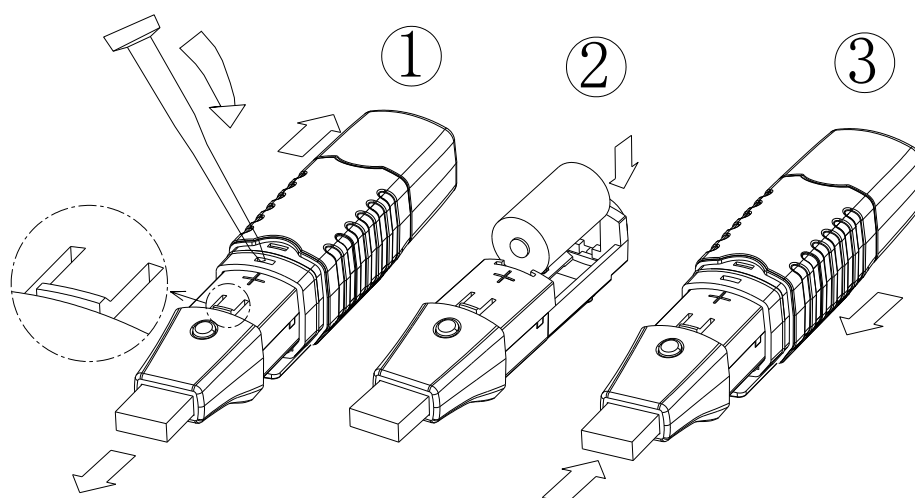
8. Specification

DC Voltage DataLogger	Range	48.00V（DC Voltage DataLogger）
	Resolution	0.01
	Accuracy	0.5%reading+3
Logging rate	1second—24h	
Display refresh rate	2seconds (after the key operation, within 5minutes). Default 30 seconds.	
Memory	31320	
Operating Environment	0 to 50 ℃(32 to 104 ℉) <80%RH	
Storage Environment	-10 to 60 ℃(14 to 140℉) <70%RH	
Battery type	LS14250	
*Accuracy: test at 23±5℃.		

Sample Rate	Record Time	Sample Rate	Record Time
1second	8.7hour	20second	7.2day
2second	17.4hour	30second	10.8day
3second	26.1hour	1minutes	21.7day
4second	34.8hour	5minutes	108.7day
5second	43.5hour	15minutes	326.2day
10second	87.0hour	30minutes	652.5day

9.Replacing the Battery

Battery Type: 3.6V 14250 lithium battery



Warranty Statement

Triplett Test Equipment offers a two-year warranty to the original purchaser of its products. We guarantee that our products will be free from defects in workmanship and materials for two (2) years from the purchase date.

This warranty does not cover:

- Products purchased from unauthorized distributors.
- Items that have been repaired or altered by unauthorized individuals.
- Damage from misuse, abuse, misapplication, negligence, or accidents.
- Products with altered, defaced, or removed serial numbers.
- Accessories, including batteries.