



1. Introduction

Thank you very much for purchasing one of our products. Before operating the data logger please read this manual carefully. You will get useful information for understanding all functions.

1.1 General advice

- Check if the contents of the package is undamaged and complete.
- For cleaning the instrument please do not use an abrasive cleaner only a dry or wet piece of soft cloth. Do not allow any liquid to the interior of the device.
- Please store the measuring instrument in a dry and clean place.
- Avoid any force like shocks or pressure to the instrument.
- No responsibility is taken for irregular or incomplete measuring values and their results, the liability for subsequent damages is excluded!

1.2 Overview see Fig.A

1. Start button, 2. LED green, 3. LED red, 4. battery case, 5. USB-connector
6. USB cover, 7. wall holder, 8. Slits ... this is where the sensor is located

1.3 Scope of delivery and usage

Log32TH series loggers are suitable for recording, alarm tracking, and display of temperature, humidity and dew point measurements. Areas of application include the monitoring of storage and transport conditions or other temperature and / or moisture-sensitive processes.

The logger has a built-in USB port can be connected without cables to all Windows PCs. The USB port is protected by a transparent plastic cap. A battery 3.6 volt 1/2 AA is included. The battery is already mounted. A wall holder with two screws and wall plugs is also included in the package.

The logger has 2 LEDs. The green LED flashes every 30 seconds during recording. The red LED is used to display limit alarms or status messages (battery change ... etc.). The logger also has an internal buzzer that supports the user interface.

1.4 For your safety

This product is exclusively intended for the field of application described above. It should only be used as described within these instructions. Unauthorized repairs, modifications or changes to the product are prohibited.

1.5 Ready to use

The logger is already preset (5 minute recording interval ... etc. see 5 default settings) and ready for start. It can be used immediately without any software!

2. First Start & Begin Recording



Press button for 2 seconds, beeper sounds for 1 second



LED lights green for 2 seconds - logging has started!



LED blinks green every 30 sec.

2.1 Restart recording

see 2. The logger is started by default by button and stopped by USB port plug-in. The measured values are plotted automatically to the PDF file.
NOTE: When you restart the existing PDF file is overwritten.
Important! Always secure the generated PDF files on your PC.

3. Stop recording / Create PDF



Connect logger to USB port.
Beeper sounds for 1 second.
LED blinks green until result PDF is created (can take up to 40 seconds).



Beeper sounds and LED stays green.
Logger is shown as removable drive LOG32TH.



View PDF and save.
PDF will be overwritten with next log start!

4. Description of PDF result file (see Fig. B)

Filename: e.g.	LOG32TH_14010001_2014_06_12T092900.DBF
A	LOG32TH: Device
	14010001: Serial
	2014_06_12: Start of recording (date)
	T092900: time: (hhmmss)
B	Description: Log run info, edit with LogConnect* software
C	Configuration: preset parameters
D	Summary: Overview of measurement results
E	Graphics: Diagram of measured values
F	Signature: Sign PDF if required
G	✓: Measurement OK ✗: Measurement failed

5. Standard settings / Factory settings

Note the following default settings of the data logger before first use. By using the LogConnect* software, the setting parameter can easily be changed:

Interval:	5 min.	
Start possible by:	Key press	
Stop possible by:	USB connect	
		High Alarm:
Temperature:	-40,0°C	70,0°C
Humidity:	0,0 %rH	100,0 %rH
Alarm delay:	0 s	

6. Battery replacement



Twist rear cap (about 10°), the battery lid opens.



Remove empty battery and insert new battery like shown.



Battery change ok: both LEDs light for 1 second, beep sounds.

NOTE: Check Logger status: Press start button for appr. 1 second. If the green LED flashes twice the logger is recording! This procedure can be done as often as you want.

7. Alarm signals

Logger in record mode



Beeper sounds once each 30 seconds for 1 second, red LED blinks each 3 seconds - measured values exceeds selected measurement range (not with standard settings). Alarm limits can be changed using LogConnect* software.

Logger in standby mode (not in record mode)



Red LED blinks once each 4 seconds. Replace battery.



Red LED blinks twice or more each 4 seconds. Hardware fault!

* LogConnect download link to access the software
<http://download.dostmann-service.de>, select Downloads/Software/5005-0172_Log32TH/Software/

8. Waste disposal

This product has been manufactured using high-grade materials and components which can be recycled and reused.



Never dispose of empty batteries and rechargeable batteries in household waste. As a consumer, you are legally required to take them to your retail store or to an appropriate collection site depending on national or local regulations in order to protect the environment. The symbols for the heavy metals contained are: Cd=cadmium, Hg=mercury, Pb=lead



This instrument is labelled in accordance with the EU Waste Electrical and Electronic Equipment Directive (WEEE). Please do not dispose of this instrument in household waste. The user is obligated to take end-of-life devices to a designated collection point for the disposal of electrical and electronic equipment, in order to ensure environmentally-compatible disposal



This sign certifies that the product meets the requirements of the EEC directive and has been tested according to the specified test methods.

Technical changes, any errors and misprints reserved.

* LogConnect download link to access the software
<http://download.dostmann-service.de>, select Downloads/Software/5005-0172_Log32TH/Software/