I-PLUG Multiuse *pdf* - User Manual

Company: Switrace SA
Brand Name: I-PLUG Multiuse *pdf*
Product Description: Multi-use USB Temperature Data Logger

Features and Advantages:

- Dimensions: 7.5 cm x 4 cm x 0.5 cm
- Temperature measurement range: -40 to +65 Degrees Celsius
- Temperature resolution: 0.01 °C
- Data storage capacity: 8000 Measurements
- Log cycle: 5 days to 90 days
- No software needed
- Track and trace of settings, graph and readings in web portal.

Standard available durations:

	Total Time (Days)	**Log Cycle (Minutes)**
1	**5**	1
2	**10**	2
3	**30**	6
4	**40**	8
5	**60**	11
6	**75**	14
7	**90**	17

Appearance of I-PLUG Multiuse *pdf:*



How does it work?

How to START it?

When you are ready to use **I-PLUG Multiuse *pdf* Logger**, press the START button till the 4 LED's flash – release only when the GREEN LED is active.

The GREEN LED will remain active during the first **2 minutes** of recording.

After the first 2 minutes of recording, press briefly any of the two buttons to get the device status (see meanings below)

Start Delay

As a factory setting, I-PLUG Multiuse *pdf* will start recording 30 min after pressing the START button.

How to STOP it?

I-PLUG Multiuse *pdf* is programmed with a typical trip duration, and will keep recording until the end of this trip duration

There are two different ways to STOP the device before the end of the trip duration:

- Press the **STOP** button during 6 seconds till the 4 LED's flash – release only when the RED LED is active and fixed.
- **Connect** the device on the USB port of the computer

Once stopped, pressing any button will briefly activate The RED LED as an indication that the device has finished recording.

Configuring I-PLUG Multiuse *pdf*

I-PLUG Multiuse *pdf* data logger comes already configured to standard formats according to your purchase.

The standard trip duration is **90 days**.

Nevertheless if you wish to change the configuration like

- Changing the recording time
- Temperature scale (C°/F°)
- Adding alarms
- Changing start delay
- Entering text in the device memory

You just need to plug it in a computer before being activated and use the ***iPlug Manager s***oftware. Get the ***iPlug Manager*** software in the "Downloads" section of our website www.switrace.com.

Understanding the LEDs indicators

The LEDS will give you valuable information of the conditions of your shipment as indicated in below table.

If you press START or STOP button briefly, while I-PLUG is running, LEDs will blink.

Here are the meanings:

Appearance of I-PLUG *pdf*	**Meaning**
	**4 blinking LEDs** Ready state / Device has not been started. NOTE: When the device is in a Ready state, only the start button is active.
	In a RUNNING state, when a button is pressed: **Blinking Green** This confirms that the device is already started. NOTE: there is a fixed green LED during the first 2 minutes of recording.
	**Fixed Red** Device is in a STOP state.
	In a STOP state, when a button is pressed: **Blinking Blue** Low alarm has been triggered. **Fixed Blue** Ultra-low alarm has been triggered.
	In a STOP state, when a button is pressed: **Blinking Orange** High alarm has been triggered **Fixed Orange** Ultra-high alarm has been triggered.
	SAMPLING state. **Orange** LED automatically lights for 2 seconds every time the device performed a temperature record.

Connecting to the computer

I-PLUG Multiuse *pdf* will be detected by the computer as a USB disk drive and will be recognized without any specific driver. There are, however, two possible situations.

- **Device is not started:** If you need to modify any of the parameters before starting the I-PLUG Multiuse *pdf*, plug the device in a USB port then **press the START button**, for the computer to detect it.
- **Device is working or stopped**: As soon as the I-PLUG Multiuse *pdf* is connected to the PC via the USB port the computer will automatically detect the device.

The first time I-PLUG Multiuse *pdf* is plugged in, it will trigger the creation of the PDF report (**4 LEDs on and fixed**). DO NOT remove the I-PLUG *pdf* in this situation.

Once the device is ready, a new USB disk drive will appear on your PC allowing you to download the PDF report.

IMPORTANT: keep in mind that, the more measurements the I-PLUG Multiuse *pdf* took, the more it will take for the PDF report to open. It could take as long as a 45 seconds if the I-PLUG Multiuse *pdf* is completely full. While the PDF report is downloading, LEDs will be lit in a circular way.

Using I-PLUG Manager for added benefits

Download the free software **iPlug Manager** in the **Download** section of www.switrace.com.

You do not need to register to download the software.

Modify settings of I-PLUG Multiuse *pdf*:

iPlug Manager allows you to modify all the pre-programmed setting and choose your own.

Just modify all the parameters you need, then press the **Save settings** button.

Track and trace of I-PLUG Multiuse *pdf*:

Once the device has been stopped, and plugged into the PC, with **iPlug Manager** you could send the data recorded to the web, and allow yourself to export data in excel files, zoom on the graph and many other features.

Just press the **Read Temperatures** button and your preferred browser should open, bringing you directly to the web-application.

If you want to access your saved data remotely, go to the www.switrace.com then insert the serial number of the logger in the SEARCH field, and you will have access to the web-application again.

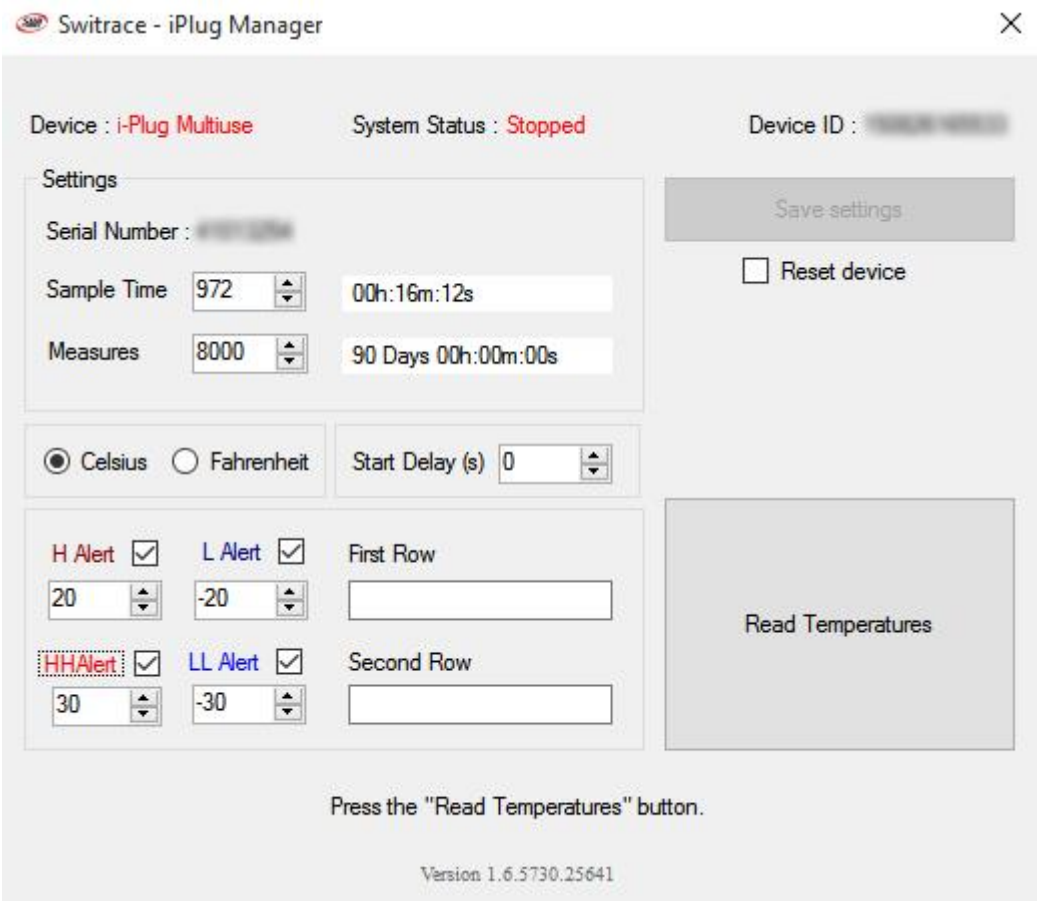
Restarting I-PLUG Multiuse *pdf*

If the device is in a **STOP** state, **iPlug Manager** allows you to reset I-PLUG Multiuse *pdf* for as many time as you want. By default, it will read the last configuration used.

You can modify the parameters again (if needed), then just check the **Reset device** flag, then press the **Save settings** button.

The device will be in a **READY** state again.

IMPORTANT: When you reset I-PLUG Multiuse *pdf*, all the previous recording will be wiped away. If you need to store them, be sure, before resetting, to upload them in the web-application (press **Read Temperatures**), or just save the generated PDF.



For further questions

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