

## Quick Start Manual M1 - TempMate



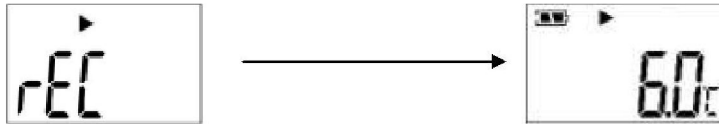
### 1 General characteristics


Characteristics	
Operating temp range	From -30°C to +70°C
Interval	1 measure every 15 minutes
Autonomy	@25°C with an interval of 15 minutes = 6 months min.
Protection class	IP67
Data report	Automatically generated PDF report
Connection interface	USB
Battery	CR2032 type replaceable by customer

### 2 Product Start-up procedure

1. Press and hold left button  for a minimum of 4 seconds.



On M1 LCD screen, REC displays to indicate the record campaign started. Then, “▶” permanently displays on the information line:



The screen is lighting up during 15 seconds before to switch off. By clicking on left button , the screen lights up again and recorded main data display.

“▶” permanently displays during the whole record campaign to indicate recording is in progress.


### 3 Product Stop procedure

To stop the record campaign, user has to click once on left button , and then **press and hold** the right button  for a minimum of 4 seconds.

STOP briefly displays and “■” permanently displays on the information line:





M1 recorder is configured to automatically stop the recording when maximum of measures is reached: 32 000 measures with an interval of 15 minutes, i.e. around 11 months.

User can check at anytime if the record campaign is stopped by clicking once on left button . Then, “■” displays on the information line to indicate recording is correctly stopped.

## 4 Mark operation

Mark function allows user to mark one or several points of reference for any special event during recording: manual temperature reading, (un)loading of merchandise, fridge or cold chamber opening...

To mark an event on record campaign, click once on left button  to light up the screen. Then, **double click** on right button .

Event mark success




Event mark failure







On PDF report, executed marks will appear in green on curve zone and data time.

**NOTE : 10 MARKS MAXIMUM PER RECORD CAMPAIGN.**

## 5 LCD Display

With the aim of saving energy, M1 LCD screen is lighting up during 15 seconds before to switch off. The screen lights up again by clicking once on left button .

In this way, user can look at the main data collected by the logger:

1. Current Temperature	2. Total number of recorded data points	3. Maximum Temperature recorded	4. Minimum Temperature recorded
			

## 6 PDF Report visualization

Whether record campaign is in progress or not, user can plug the M1 recorder into computer at any time. Then, it is possible to see directly all recorded measures on PDF report, automatically generated and stored in the embedded memory of the logger.

On the first page of report, an information zone will summarize main recording data.

**Note:** If user plugs the M1 logger into computer while record campaign is in progress, there is no recording data during USB connection period. In PDF report, this period will be marked in grey on measures list with "USB" comment and depicted as dotted line on curve zone.

**IMPORTANT: IF EVER THE COMPUTER DOES NOT DETECT M1 RECORDER WHEN IT IS USB PLUGGED, REMOVE THE LOGGER BATTERY FOR FEW SECONDS AND PUT IT BACK.**