

G4 Data Loggers

Help Document – Operating the loggers with the button



www.temprecord.com

IANZ accredited to ISO/IEC 17025 Standard



G4 Icons



Within temperature limits



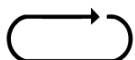
One or more temperature limit exceeded



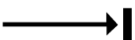
Ready to be started



Logger is counting down start delay



Loop overwrite on



Loop overwrite off



Logger is stopped



Battery capacity



Internal sensor



External sensor



Time below lower limit



Time above upper limit



Minimum value



Maximum value



Mean value



A marker has been applied



Info screen

mins

Time displayed in minutes

hrs

Time displayed in hours

°C

Degrees Celsius

°F

Degrees Fahrenheit

%RH

Relative humidity



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Notes

When loggers are new, the button functions are disabled so they do not start accidentally in transit. To enable, go to Parameters in the TRW software and choose required button functions.

The button on the logger requires a firm press. The reason is so that functions are not activated accidentally during transit.

- *Tip: It is a lot easier to use both thumbs to apply required pressure!*

To activate:

1. Functions: Start, Tag, Stop or Reuse

Keep pressing button – until ‘Start’ or ‘TAG’ or ‘Stop’ or ‘Reuse’ is seen on the LCD screen. Once the desired function appears on screen, let go of button and chosen function will be activated.

2. Information screens:

Press button momentarily, then press again momentarily for the next screen. Keep doing this to scroll until the desired screen is displayed.

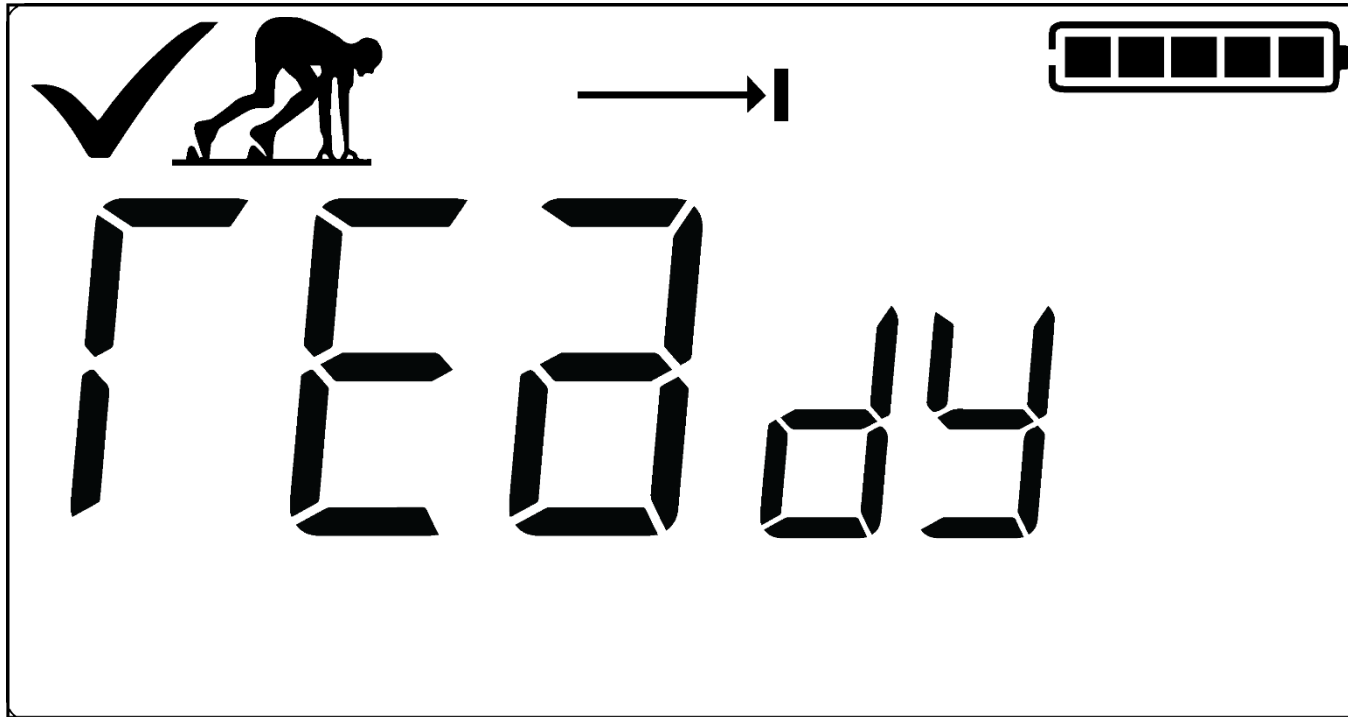
If nothing is happening, the button is not being pressed hard enough, or in the case of functions possibly not holding down the button for long enough (hold down until the desired function is displayed).



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LOGGER HAS NOT BEEN STARTED
if the following is still showing:



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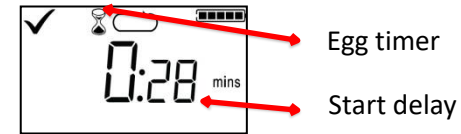
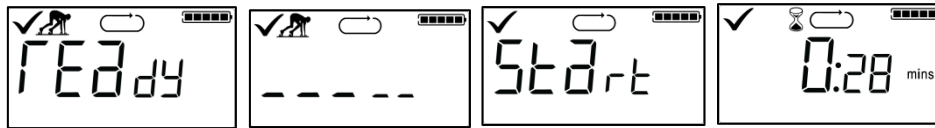
Functions: Start, Tag, Stop or Reuse

Start Logger

With logger in **Ready** mode hold down button, continue holding through dashes across screen.

Do not let go until screen says **STArt** then release button to activate. Logger has been started when a flashing “egg timer” icon shows on screen with the **Start Delay** counting down.

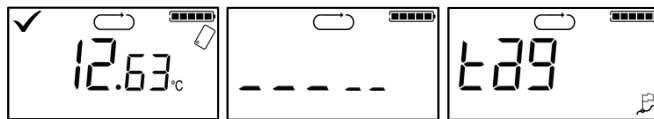
Sequence of screens to Start logger...



Place a Tag

While logger is recording hold down the button, continue holding through dashes across screen until screen says **TAG** then release button to activate. TAG icon appears at the bottom right of screen.

Sequence of screens to place a tag...



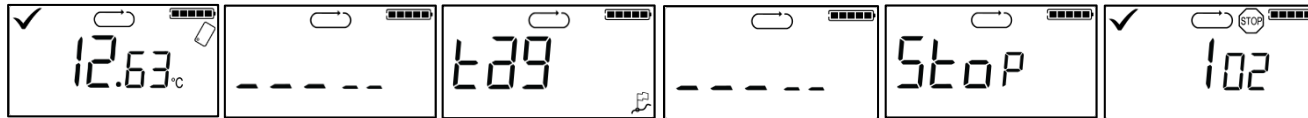
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Stop Logger

While logger is recording hold down the button, continue holding through dashes, continue holding through "TAG" until screen says **STOP** then release to activate. A stop icon appears at top of screen. The number of samples recorded will also display on screen.

Sequence of screens to Stop logger...



Re-use Logger

While logger is stopped hold down the button, continue holding through dashes until screen says **REUse** then release to activate. Screen will say **REAdy** and can be used again. **If temperature has breached (x showing on screen instead of ✓) then logger must be re-used at a PC with the software.**

Sequence of screens to Re-use logger...



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Home screen (when logger recording)



Home screen displays the current temperature.

Note. Tick is flashing therefor limits have not been exceeded

Note. The 'current' temperature is the last sample taken and can be as old as the last sample taken. E.g., if sampling frequency is 10 minutes, 'current' temperature could have been recorded up to 10 minutes ago.



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Information screens:

- Current Temperature (last sample recorded)
- Time below lower limit programmed
- Time above upper limit programmed
- Minimum temperature recorded
- Maximum temperature recorded
- Mean temperature recorded
- Time monitoring
- Number of Tags placed

Unlike function screens that require a continual press, information screens require only a momentary press. (Press button **momentarily** and release for the first information screen. **Press again momentarily for the next info screen.** Keep doing this to scroll through to the desired info screen).

Information screens are listed below in the order that they appear in the logger:

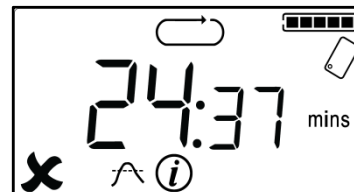
Current Temperature



Time below lower limit



Time above upper limit



Minimum Temperature



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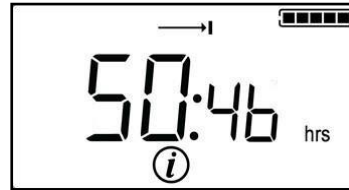
Maximum Temperature



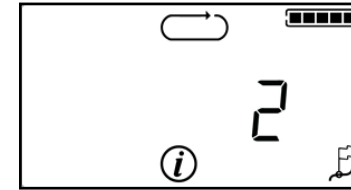
Mean Temperature



Time recording

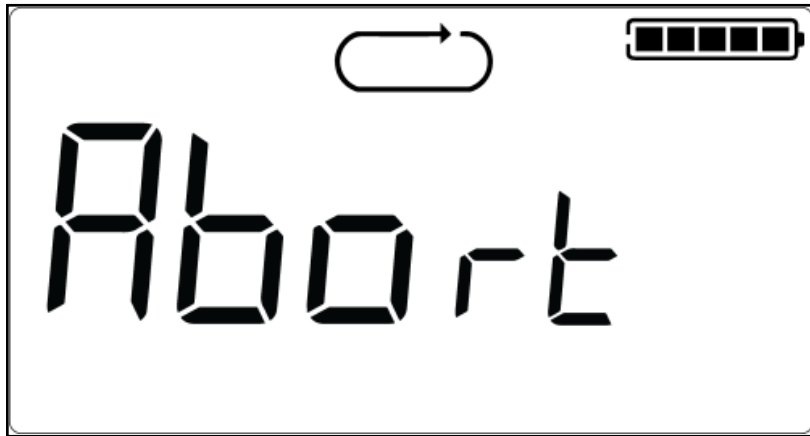


Number of tags placed



Abort

Abort screen will appear when the button has been held down for too long. Release button and try again. (It will also appear if the button function has not been enabled in the software.)



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