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The **Fridge-tag® 2L** (FT2L) is available in three configurations as follows:

1. Preset ALARMS for **Refrigerator** (>8°C for 60 minutes; <2°C for 15 minutes)
2. Preset ALARMS for **Freezer** (>-15°C for 60 minutes)
3. No preset ALARMS/**User-settable** ALARMS.

The alarms in the devices with factory preset alarms cannot be changed by the user. The following instructions are for setting the alarms in devices without preset alarms.

When setting up the Fridge-tag® 2L it is important to know the special functions performed by the two buttons on the front of the device:

- **READ** button is for scrolling through choices (time, date, temperatures, etc.)
- **SET** button is for storing or committing the choice on screen to memory.

Note: Before placing the FT2L in service, put the external sensor in a refrigerator or freezer for 2 hours for preconditioning and to avoid a false alarm.

ACTIVATE: To activate and configure the FT2L the first time, press both the **SET** and **READ** buttons until "**date**" appears (about 3 or 4 seconds). Then proceed through the following steps:

- **DATE FORMAT**: Choose the date format:
  - ___/dd/20ᵧᵧ (American date format) or dd/___/20ᵧᵧ (Euro date format). If this is correct, press **SET**.

- **SET DATE**: Next the date will be flashing.
  - Use the **READ** button to correct the date where necessary and press the **SET** button to commit it to memory

- **SET TIME**: Next the time will be flashing in the line under the date.
  - The FT2L operates on a 24-hour clock or military time (for example 2:00pm = 14:00)
  - Use the **READ** button to correct the time where necessary and press the **SET** button to commit it to memory
  - After the minutes are set, the display returns to the main status screen.

- **SET HI ALARM**:
  - From the main status screen, press both the **SET** and **READ** buttons until the date format appears then press the **READ** button three times to get to **SET** COnF for **SET** configuration. Press **SET** to get to the HI alarm & duration (every unit has a factory default HI alarm of 1 minute above 1.0ºC)

Note: Decide on alarm Settings before starting the ALARM setting steps so that you can do these steps smoothly.

- **SET DURATION:**
  - For 1 hour above the alarm temperature threshold, for example, use the **READ** & **SET** buttons to change the **duration** of the **HI ALARM** from **00:01 TO 01:00**.
  - When finished setting the duration, the characters will stop flashing.

- **SET ALARM THRESHOLD:**
  Next choose the alarm threshold temperature.

Note: there are 4 positions to the temperature: **"blank", "−", "¦",   10's digit / 1's digit / 0.1's digit**

  - Press **READ** and the first on-screen choices is "blank" "**blank**" is for positive temperatures "**−**" is for negative temperatures and
  - "**¦**" is **100's** digit only in Fahrenheit mode settable.

To **SET** a high temperature refrigerator alarm (example = 8ºC) take the following steps:
  - Press **SET** 1 time to accept the first digit which is "blank" as the **POSITIVE** temperature.
  - Press the **SET** button and commit the 10's digit which is already **0** to memory.
  - Press the **READ** button to scroll thru the 1's digit until it says 8 and press **SET** to commit it to memory
  - Then the 0.1's digit will be blinking as a ZERO, press **SET** to commit that digit to memory

- **SET LO ALARM**:
  Next (last) it will say LO alarm & duration.
  - Follow the above steps for setting the **HI** alarm duration and temperature to set the **LO ALARM** duration and temperature (every unit has a factory default LO alarm of 1 minute below 1.0ºC).
  - The lowest possible LO alarm setting is -40. The LO Alarm cannot be disabled by the user. For freezer monitoring, the LO alarm can be set at -40 with a maximum duration of 23 hours 59 minutes to minimize nuisance alarms.

Once all the above steps are completed, the FT2L is ready for use.

CONNECT it to the external sensor providing the external sensor has been in the refrigerator or freezer for at least 2 hours.
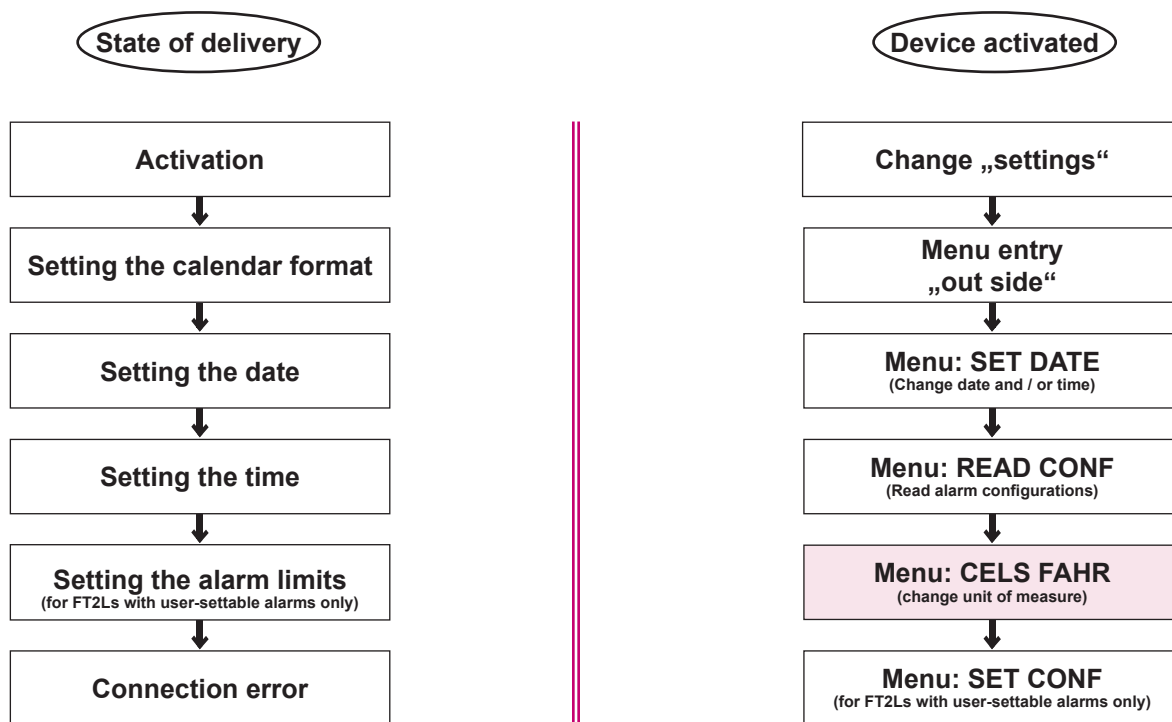

- **CHANGE FROM C to F** (can only be executed after the activation has been completed)
  - From the main status screen, press both the **SET** and **READ** buttons until the „OUt Side" appears then press the **READ** button two times to get to CELS/ FAHr. Next press **SET** to make letter C flash in the bottom right corner.
  - For Celsius press **SET** to commit it to memory.
  - For Fahrenheit press **READ** to change the C to an F and then press **SET** to commit it to memory

Go to the following web page for instructional videos showing how to **SET** up the FT2L: www.berlingerusa.com/support

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Overview sequences of activation

(State of delivery)

Activation

↓

Setting the calendar format

↓

Setting the date

↓

Setting the time

↓

Setting the alarm limits (for FT2Ls with user-settable alarms only)

↓

Connection error

(Device activated)

Change „settings"

↓

Menu entry „out side"

↓

Menu: SET DATE (Change date and / or time)

↓

Menu: READ CONF (Read alarm configurations)

↓

Menu: CELS FAHR (change unit of measure)

↓

Menu: SET CONF (for FT2Ls with user-settable alarms only)

NOTE:

If the activation process has not been completed after approximately 60 seconds without any button operation, the device will go back into sleep mode. If this happens go to the top of these instructions and start over by pressing BOTH the SET & READ buttons again.

NOTE:

If you scroll through the menu and you reach the display of the measuring mode again you need to restart from the beginning by accessing the menu. In order to adjust more than one setting (e.g. time & Celsius to Fahrenheit) you must complete each change and return to menu mode for the 2nd change.