

## TEMPERATURE ALARMS- PROGRAMMING CUSTOMISED PRESETS

To customise the preset alarm temperatures, press and hold the desired alarm button (sensor #1 or sensor #2). You are now in the MAX temp. alarm set mode and may adjust the maximum temperature by using the "+" or "-" buttons. Press the alarm button again to confirm your setting for the minimum alarm temperature and to exit the entire alarm preset temperature mode. Repeat this process to set the other minimum and maximum alarm temperatures for the other remote sensor.

## TROUBLESHOOTING

If batteries are installed the main unit will display "--" until it acquires the wireless signals from the remote sensor units. If the unit still displays "--" the remote units' batteries may be dead or the main and remote units cannot synchronize wireless signals. Try moving the main unit to a different location.

## ERROR DISPLAY

If the unit displays "-E-" then this is an error condition and the receiver has not received a signal from either sensor #1 in the last 4 hours or from sensor #2 in the last 3 hours.

To remove the "E" from the display it is necessary to reset both the receiver and transmitters at the same time. This can be done by either removing batteries of each unit or using a small paper clip or pin, and poke it through the **reset hole** located on the rear of the deg C/F switch. The unit will display "---" on both channels then start reading temperature after a minute or so.

If the product doesn't display the temperature then it will be necessary to move the receiver closer to the sensors and/or replace the batteries.

*Please note that the maximum recommended range is 15metres due to the wall thickness of refrigerators/freezers.*

## LOW BATTERY INDICATOR



A low battery indicator is shown in the display window for the remote sensors. When the low battery indicator displays, replace the batteries with fresh ones. Be sure to never mix old and new batteries, and never mix battery types such as alkaline and lithium together.

## CHANGING BATTERIES

If it is necessary to change the batteries of the sensors and if there are two units in close proximity, then batteries will need to be changed within eight minutes to avoid the base station picking up readings from alternative sensors.

## IP RATING

This product has an IP54 rating. **Note: The product cannot be submersed in water or any other liquid.**

Temperature Measurement Range:

**MAIN UNIT: - 30°C to + 40°C / -22°F to 104°F**

NOTE: If the remote sensor units are measuring temperatures above the temperature range the main unit will display "-H-". If the remote sensor units are measuring temperatures below the temperature range, the main unit will display "-L-".

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# FM25

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# WIRELESS DIGITAL

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# THERMOMETER

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# OPERATING

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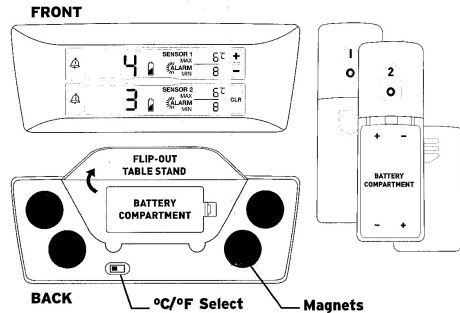
# INSTRUCTIONS

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## BATTERIES

It is recommended that AA lithium batteries are used for the low temperature operation of sensors (freezers etc).



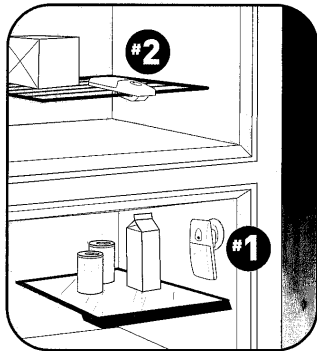
## INSTALLING BATTERIES

For the two remote sensor units, remove the battery compartment cover by sliding it downwards. Insert 2 "AA" alkaline/lithium batteries. Lithium batteries function at lower temperatures better than alkaline batteries.

## PLACEMENT

The remote units should be fixed onto the refrigerator/freezer at this stage. Each remote unit is equipped with a spring-action clip for securing inside the refrigerator or freezer. The clip is designed with rubber grips to securely hold the remote unit to the edge of glass or wire shelf commonly found in modern refrigerators.

Alternatively, the included detachable suction cup may be used to secure the remote sensor to the interior surface Ref #1. A remote unit kept in a freezing temperature should be secured using the integrated spring-clip Ref #2.



The main unit may be mounted directly to the refrigerator surface utilizing the magnetic back of the unit. The main unit may also be placed on a table or other flat surface using the integrated fold-out stand on the back of the unit.

## THE MAIN DISPLAY

Each sensor's temperature is represented on the main display in three ways. The largest numbers displayed represent the current temperature of each remote sensor. The two smaller numbers to the right in each sensor's display window represent the minimum and maximum-recorded temperatures. The recorded MIN/MAX numbers can be cleared by pushing the "CLR" button. You may also choose between Fahrenheit or Celsius temperature display mode using the "C/F Select" switch on the back of the main unit.

## TEMPERATURE ALARMS

The main unit is equipped with an audible temperature alarm for each unit. Press the alarm button for the corresponding remote sensor to turn the alarm function on or off. The **ALARM** icon on the main display will appear if the alarm function is on. If the alarm icon is not displayed, the alarm **WILL NOT SOUND**.

If the temperatures for each sensor fall below the minimum preset or rise above the maximum preset for more than 15 minutes, the alarm will sound. This is to prevent " False alarms" from sounding because the door was opened to load or unload items from a refrigerator or freezer. The sensors are supplied with the following defrost preset alarm temperatures:

Sensor #1 (Refrigerator): minimum is 0°C/33F, maximum is 4°C/40F.

Sensor #2 (Freezer): minimum is -30°C/22F, maximum is -18°C/0F.

You may customise the alarm to sound at your desired temperatures for each unit. See page 5 for instructions on programming the alarm preset.