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### Brifit 650728980513

# Brifit Digital Refrigerator Freezer Thermometer

INSTRUCTION MANUAL - MODEL 650728980513

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## 1. Introduction

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Thank you for choosing the Brifit Digital Refrigerator Freezer Thermometer. This device is designed to monitor temperatures in your refrigerator, freezer, or other indoor/outdoor environments using two wireless sensors. It features a large LCD display, temperature alarm functions, and records maximum/minimum temperatures to help ensure optimal storage conditions.



Image 1.1: Main unit and two wireless sensors of the Brifit Digital Thermometer.

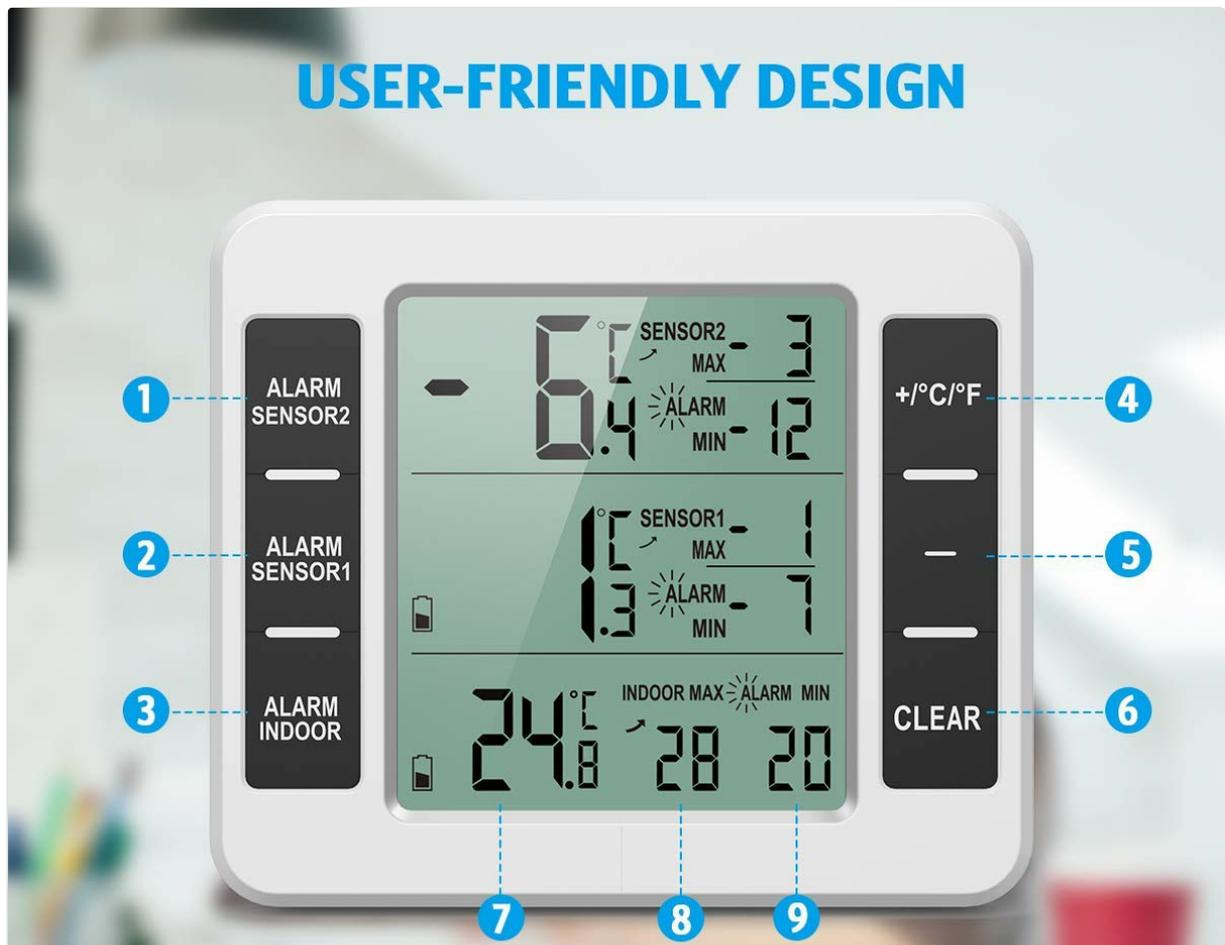
## 2. Package Contents

- 1 x Main Display Unit
- 2 x Wireless Remote Sensors
- 1 x User Manual

## 3. Product Overview

The main unit features a large LCD screen displaying indoor temperature, two sensor temperatures, and MAX/MIN records. The remote sensors transmit temperature data wirelessly to the main unit.

## USER-FRIENDLY DESIGN



- |                   |   |                        |
|-------------------|---|------------------------|
| 1 Outdoor2 Alarm3 | 4 Up/Celsius temperature/<br>Fahrenheit temperature | 7 Temperature (Indoor) |
| 2 Outdoor1 Alarm2 | 5 Down Value  | 8 MAX Temperature      |
| 3 Intdoor1 Alarm1 | 6 Clear Max/Min Value                               | 9 MIN Temperature      |

Image 3.1: Detailed view of the main unit's LCD display and function buttons.

### Main Unit Display and Buttons:

- **Indoor Temperature Display:** Shows the temperature at the main unit's location.
- **Sensor 1/2 Temperature Display:** Shows temperatures from the respective wireless sensors.
- **MAX/MIN Records:** Displays the highest and lowest temperatures recorded for each channel over the last 24 hours.
- **Alarm Indicators:** Visual cues for active temperature alarms.
- **+°C/°F Button:** Adjusts values or switches between Celsius and Fahrenheit.
- **- Button:** Adjusts values.
- **CLEAR Button:** Clears MAX/MIN data.
- **ALARM SENSOR1/SENSOR2/INDOOR Buttons:** Activates/deactivates alarms for specific channels.

## 4. Setup

### 4.1 Battery Installation

Batteries are not included. You will need 2 x AAA batteries for the main unit and 2 x AA batteries for each wireless sensor (total 4 x AA batteries for two sensors).

1. Open the battery compartment on the back of the main unit and insert 2 AAA batteries, observing polarity (+/-).
2. Open the battery compartment on the back of each wireless sensor and insert 2 AA batteries into each, observing polarity (+/-).
3. Close all battery compartments securely.



Image 4.1: Battery installation for the main unit (2x AAA) and each sensor (2x AA).

## 4.2 Sensor and Main Unit Placement

The main unit and sensors offer multiple installation options:

- **Main Unit:** Can be placed on a tabletop using its integrated stand, hung on a wall via the hanging hole, or attached to a metallic surface (e.g., refrigerator door) using its built-in magnets.
- **Wireless Sensors:** Each sensor has a clip and a hanging hole, allowing them to be clipped onto a shelf or hung. Place sensors in the refrigerator, freezer, or any other area where temperature monitoring is desired.



Image 4.2: Placement options for the main unit (standing, hanging, magnetic) and sensors (hanging, lying flat, clamping).

Ensure the sensors are within the transmission range of 100 meters (open area) from the main unit. Walls and other obstructions may reduce this range.



Image 4.3: Wireless transmission range illustration, showing sensors in a fridge and outdoors.

## 5. Operation

### 5.1 Power On/Off

The device powers on automatically once batteries are inserted. There is no dedicated power button. To

turn off, remove the batteries.

## 5.2 Switching Temperature Units (°C/°F)

Press the **+°C/°F** button on the main unit to toggle between Celsius (°C) and Fahrenheit (°F) display.

## 5.3 Setting Temperature Alarms

The thermometer allows you to set maximum and minimum temperature alarms for each channel (Indoor, Sensor 1, Sensor 2).

1. Press the **ALARM SENSOR1**, **ALARM SENSOR2**, or **ALARM INDOOR** button to select the channel for which you want to set an alarm.
2. Press and hold the selected ALARM button until the MAX alarm value starts flashing. Use the **+** or **-** buttons to adjust the desired maximum temperature.
3. Press the ALARM button again to switch to the MIN alarm value. Use the **+** or **-** buttons to adjust the desired minimum temperature.
4. Press the ALARM button a third time to confirm and exit the alarm setting mode.
5. An alarm icon will appear on the display for the activated channel. When the temperature exceeds the set MAX or falls below the set MIN, an audible alarm will sound, and the corresponding temperature will flash.

## Audible Alarm - ring to remind you

Set the maximum and minimum alarm value manually

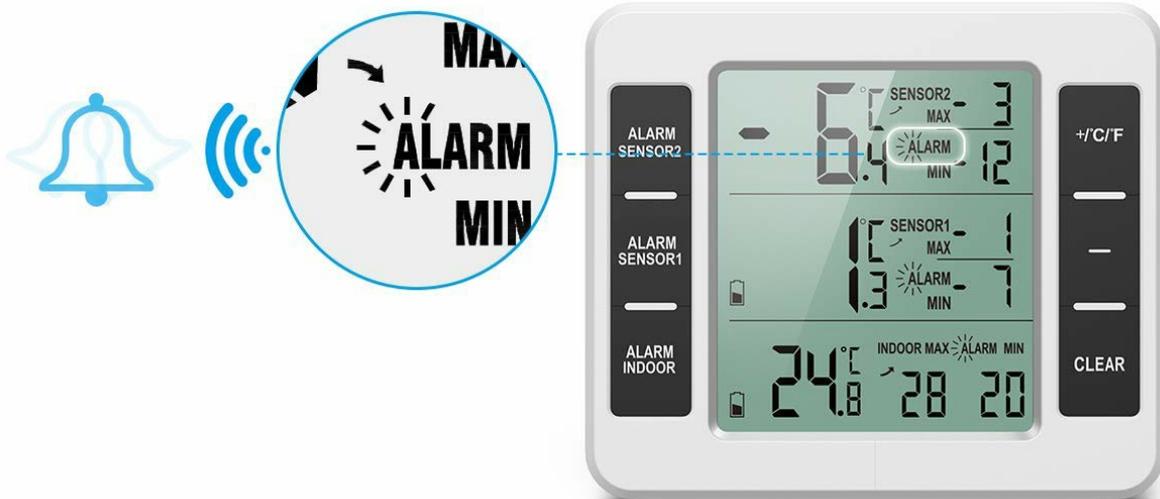


Image 5.1: Audible alarm feature and setting MAX/MIN alarm values.

## 5.4 Viewing and Clearing MAX/MIN Records

The device automatically records the highest (MAX) and lowest (MIN) temperatures over the last 24 hours for each channel.

- The MAX/MIN values are continuously displayed on the screen.
- To clear the recorded MAX/MIN values and start a new recording cycle, press the **CLEAR** button. The display will show the current temperature as the new MAX/MIN until new extremes are reached.

## 6. Maintenance

### 6.1 Cleaning

Wipe the main unit and sensors with a soft, damp cloth. Do not use abrasive cleaners or immerse the devices in water.

### 6.2 Battery Replacement

Replace batteries when the low battery indicator appears on the display. Follow the battery installation steps in Section 4.1.

## 7. Troubleshooting

- **No Temperature Display / Inaccurate Readings:**
  - Check if batteries are correctly installed and not depleted. Replace if necessary.
  - Ensure sensors are within the transmission range of the main unit. Reduce distance or remove obstructions.
  - Re-sync sensors by removing and reinserting batteries in both the main unit and sensors.
- **Alarm Not Sounding:**
  - Verify that the alarm function is activated for the desired channel (alarm icon visible).
  - Check if the set MAX/MIN alarm values are appropriate for the monitored temperature range.

## 8. Specifications

Feature	Specification
Indoor Temperature Range	-10 °C ~ 60 °C (14 °F ~ 140 °F)
Outdoor/Sensor Temperature Range	-40 °C ~ 60 °C (-40 °F ~ 140 °F)
Temperature Accuracy	± 1 °C
Transmission Range	Up to 100 meters (328 feet) in open area
Main Unit Power	2 x AAA Batteries (not included)
Sensor Power	2 x AA Batteries per sensor (not included)
Display Type	LCD
Connectivity Technology	Wireless
Product Dimensions (Main Unit)	9.5 x 6.5 x 11 cm
Model Number	650728980513

# PRODUCT SIZE

## Hosts & launcher



Image 8.1: Product dimensions for the main unit and a wireless sensor.

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### Related Documents - 650728980513

	<p><a href="#">Brifit Digital Pocket Scale User Manual</a></p> <p>User manual for the Brifit Digital Pocket Scale, detailing its features such as 50g capacity, 0.001g precision, back-lit LCD display, 6 units, tare function, and included accessories like calibration weights, tray, and tweezers.</p>
	<p><a href="#">Brifit Digital Pocket Scale User Manual</a></p> <p>User manual for the Brifit Digital Pocket Scale, detailing its features such as 50g capacity, 0.001g precision, back-lit LCD display, 6 units, tare function, and included accessories like calibration weights, tray, and tweezers.</p>