

User Manual

Digital Thermometer

1. Specification

1-1. Temperature Measure Range

Indoor : $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$ ($+14^{\circ}\text{F} \sim 122^{\circ}\text{F}$)

Outdoor/Fridge : $-50^{\circ}\text{C} \sim +70^{\circ}\text{C}$ ($-58^{\circ}\text{F} \sim +158^{\circ}\text{F}$)

1-2. Power Supply: 1.5V(AG13)×1

2. Function Brief Introduction

2-1. Indoor/ outdoor temperature

2-2. Outdoor high and low temperature alarm

2-3. $^{\circ}\text{C}/^{\circ}\text{F}$ temperature switching display

2-4. Max and Min temperature memory function

2-5. Frost Point Alarm: $-1^{\circ}\text{C} \sim +4^{\circ}\text{C}$ ($+30.2^{\circ}\text{F} \sim +39.2^{\circ}\text{F}$)

2-6. LED alarm indicator light

3. Operation Instruction

3-1. Open back cover and install battery

3-2. Button Function

[MAX/MIN]: Display the recorded highest and lowest temperature value, and long press to clear recorded values

[IN/OUT]: Change indoor and outdoor (in/out of freezer) temperature display

[AL]: Setup outdoor temperature alarm range; turn on (off) temperature alarm mode


[$^{\circ}\text{C}/^{\circ}\text{F}$]: Switch temperature unit between $^{\circ}\text{C}$ and $^{\circ}\text{F}$

[ADJ]: Adjust the setting project value

3-3. Press [IN/OUT], display current indoor temperature when screen shows "IN" ;

Press [MAX/MIN], display recorded indoor highest or lowest temperature value. Press [MAX/MIN] and hold over 2s to clear recorded highest and lowest temperature value.

3-4. Press [IN/OUT], display current outdoor temperature when screen shows "OUT". Press [MAX/MIN], display recorded outdoor highest or lowest temperature value. Press [MAX/MIN] and hold over 2s to clear recorded highest and lowest temperature value.

3-5. Just press [AL], turn on/off temperature alarm mode, show , temperature alarm mode ON, if not, temperature alarm mode will be OFF.

3-6. Under temperature alarm mode, if you don't do any Hi/Lo set, the default setting is frost point range $-1^{\circ}\text{C} \sim +4^{\circ}\text{C}$ ($+30.2^{\circ}\text{F} \sim +39.2^{\circ}\text{F}$) alarm, means when you put the cable sensor in the freezer, the thermometer will alarm if the temperature within this range.

The thermometer is actually TWO thermometer, can be used as both ambient alarm temperature and freezer thermometer. If as freezer thermometer, put the sensor in freezer, "OUT" refer to the freezer temperature, and if used as ambient thermometer, please put probe outside of the window, but thermometer must be put indoor for non-waterproof.

4. How to set alarm ?

The basic idea is there are two modes, you're either setting a range for the

alarm to trigger if it is within a range (for example, above 5°C, and below 17°C), or outside a range (for example below 5°C or above 17°C)

Put outside sensor into freezer. Select OUT.

4.1 Press and hold AL until 1st set temp flashes.

4.2 Use the ADJ button on the rear to step the 1st set temp until it shows -10C, need to step right through until it rolls over to -50, etc.

4.3 Press AL so the 2nd set temp flashes - it is 4C by default, but it can be adjusted in the same way by pressing ADJ on the rear.

4.4 Press AL again to exit setup.

The alarm will bleep and LED flashes when the temperature is between -10 and +4 in the above example.

If you set the 2nd temp LOWER than the 1st, the alarm bleeps when lower than the 2nd and higher than the 1st (i.e. there is no alarm between the two temperature settings).

NOTE: The alarm is NOT continuous. It bleeps for a few seconds every 100 seconds or so when in the alarm temperature ranges.

NOTE:

1. While testing outdoor temperature or freezer temperature, show LLL, please wait for 10s, if problem continue, please take out the probe and reinsert. If show HHH, please take out the probe and reinsert.

2. If in the MIN condition, it display LLL, please press MIN/MAX for 2s to clear the data.