

# **User Manual**

## **Digital Thermometer**

### **1. Specifications**

#### **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) X 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 Instructions

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

**3-1.** 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.

**3-2.** 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.

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

**3-4.** 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.

**3-5.** The 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

**4-1.** High and low temperature alarm setup: Under temperature alarm mode, long press [AL] button 2s enter into high and low temperature alarm setup state, and when value flash, press [ADJ] to adjust value (long press to fast adjust), then press [AL] to confirm setup. So, it will occur 2 situations:

1. When the 1st setup temperature LOWER than the 2nd setup temperature, the current alarm range is between the 1st setup temperature and the 2nd setup temperature.

**e.g.** press [AL] hold 2s, then value flash, press [ADJ] to setup temperature value 5°C, press [AL] again to confirm value 5°C, then setup 2nd temperature, such as 17°C, then the thermometer will alarm if current temperature range is 5°C ~ 17°C.



2. When the 1st setup temperature HIGHER than the 2nd setup temperature, the current alarm range is over 1st setup temperature or below 2nd setup temperature.

**e.g.** press [AL] hold 2s, then value flash, press [ADJ] setup temperature value 7°C, press [AL] again to confirm value 7°C, then setup the 2nd temperature, such as -5°C, the thermometer will alarm if current temperature over 7°C or below -5°C.



## NOTE:

1. As a multi-function thermometer, if used as a freezer thermometer, you need put the sensor in the freezer/fridge, then the 'OUT' reading is freezer temperature.
2. While testing outdoor temperature or freezer temperature, show LL.L, please wait for 10s, if problem continue, please take out the probe and reinsert. If show HH.H, please take out the probe and reinsert.

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



**NOTICE:**

1. Please take out battery about 2s, and reinstall if the device doesn't work.
2. Please put battery on appointed place of government after using up.
3. Don't inform if any change on technology.