

## User manual

### I. Features

**When power is on, please do not operate it at the first three minutes for its initialization phase.**

- 11 function keys: MODE, SET, UP ,C/F, DOWN, ZONE, ▼, HIS, MEM, CH, and SNOOZE/ LIGHT.
- Indoor temperature range: 0°C----50°C; Indoor humidity range: 20%-----99%
- Outdoor temperature range: -20°C----60°C; Outdoor humidity range: 20%-----99%
- Indoor/outdoor half round graph display shows the status of temperature/humidity measurement.
- Indoor/outdoor trend indication of temperature/humidity.
- Weather forecast: sunny, semi-sunny, cloudy, rainy, rainstorm.
- Air pressure record of last 12 hours.
- Max/min value record of indoor/outdoor temperature and humidity.
- Indoor comfort index: dry, comfort, wet
- Temperature display format selectable °C/°F.
- Single alarm

### II. Start-up and reset

- When first start-up or reset, all of the icons and digits of the LCD will display for 3 seconds. It will then beep once and enter standard display mode. The clock will automatically detect the temperature and humidity afterwards for 3 minutes.

#### Remark:

Setting the air pressure:

When batteries are first fitted or renewed the air pressure is shown at sea level value. Input your current local Air pressure value (you may be able to get this from your local weather TV channel, broadcast or geographic Data ). The weather icon will change accordingly to forecast the weather for the next six to twelve hours.

### III. Button functions

Function Operation		MODE	SET	UP or C/F	DOWN, ▼ or ZONE	HIS	SNOOZE/ LIGHT	CH	MEM
standard mode	Click	Check alarm time	Check month/day; Switch on/off alarm	°C/°F switchable	Zone switchable +1, +2 -1	View air pressure record	Back light /Enter snooze state	Switch among CH1,CH2 and CH3	Display max/ min records
	Hold	-----	Enter time and alarm setting	-----	-----	Enter pressure setting	-----	Clear current registered channel	Clear max/ min records
Time setting	Click	-----	Confirm setting	One step advance	One step backward	-----	-----	-----	-----
	Hold	-----	-----	8 steps advance per second	8 steps backward per second	-----	-----	-----	-----

Alarm setting	Click	-----	Confirm setting, turn on alarm	One step advance	One step backward	-----	-----	-----	-----
	Hold	-----	-----	8 steps advance per second	8 steps backward per second	-----	-----	-----	-----
Pressure setting	Click	-----	-----	One step advance	One step backward	Confirm setting	-----	-----	-----
	Hold	-----	-----	8 steps advance per second	8 steps backward per second	-----	-----	-----	-----

## IV. Operations

### 1. Button function

- 1) MODE: Click “MODE” key to check alarm.
- 2) SET:
  - a. Click “SET” key to check month, day, date and week.
  - b. Under time or alarm mode, hold “SET” key for 2 seconds to enter into time or alarm setting mode, the sections being set will flash in the frequency of 1 Hz/second, press “UP” or “DOWN” to choose the value needed, then press “SET” key to confirm the setting.
- 3) UP or C/F
  - a. Under setting mode, click “UP” key to adjust one step (forward).
  - b. Under standard mode, press “C/F” key to switch °C and °F.
- 4) DOWN, ▼ or ZONE
  - a. Under setting mode, click “DOWN or ▼” key to adjust one step (backward).
  - b. Under standard mode, press “ZONE” key to switch four time zone: current----zone+1----zone+2----zone-1
- 5) HIS: Under standard mode, clicking to check the air pressure record of past 12 hours.
- 6) SNOOZE.LIGHT:
  - a. Under standard mode, press it for 30 seconds backlight.
  - b. When the alarm is ringing, click it to pause the alarm, and enter 5 minutes of snooze function.
- 7) MEM:
  - a. Click it to display MAX value of indoor/outdoor temperature and humidity for 5 seconds. Click once again to display the Min values for 5 seconds, click again to return to standard mode.
  - b. When it displays the Max or Min values, hold it key for 2 seconds to clear out the memory of the Max/Min values, then return to normal standard state.

### 2. Time settings

- 1) Under time mode, hold “SET” key for 2 seconds to enter into time setting. The setting sequence is hour ---- minute ---- year ---- the order of Day/Month ---- Month ---- 12/24 format ---- exit.
- 2) It will exit setting if no key was operated within 20 seconds.

### 3. Alarm settings

- 1) Under alarm mode, hold “SET” for 2 seconds to enter into alarm setting. The sequence is hour----minute----exit.
- 2) It will exit setting if no key was operated within 20 second.
- 3) Enter into alarm setting, the alarm turns on automatically.

- 4) BUZZER alarm format: 2 minutes totally:
  - 0 ~ 20 seconds: 2 beeps per second
  - 21 ~ 40 seconds: 4 beeps per second
  - 41 ~ 120 seconds: beeps continuously.
- 5) When alarm rings, press SNOOZE/LIGHT key to pause the alarm, and enter 5 minutes of snooze function. Press other key to exit alarm.
4. Air pressure setting
  - 1) Hold "HIS" for 2 seconds to enter into air pressure setting mode. Select unit between mb hpa or inHg  
With UP/DOWN key---press HIS to set altitude---exit.
  - 2) It will exit setting if no key was operated within 20 seconds.

## V. RF Receiving mode

1. After inserting the battery and detecting temperature and humidity, it will enter into RF receiving for 3 minutes.
2. Under standard mode, hold CH for 2 seconds, forcibly clean current display channel's register and a new register.
3. If registered CH temperature didn't receive valid signal from same ID code within 60 minutes, this CH temperature will be deleted, and show "--.-'.
4. When temperature is lost, when receive the signal again, it will resume temperature display.

## FCC warnings

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.