

# User manual

## I. Main Functions:

1. Six function keys: SET, ALARM, LCD, UP/CH, DOWN/CF, SNOOZE.
2. 12/24 hour selectable.
3. °C/°F selectable
4. Indoor temperature range: 0°C---+50°C
5. Outdoor temperature range: -20°C --60°C
6. Double alarm function
7. Snooze function, ring again after 5 minute later
8. DST function

## II. Key Function:

Function Operation		SET	Up	DOWN/CF	SNOOZE	ALARM	LCD
standard mode	Click	Switch display	Switch RF channel	°C/°F switchable	Backlight on	On/ off alarm	-----
	Hold	enter into time setting	Clear RF data	-----	-----	-----	Enter into LCD Brightness setting
Time set	Click	Confirm the Setting	one step forward	one step backward	-----	-----	-----
	Hold	enter into time setting	8steps/second forward	8steps/second backward	-----	-----	-----
Alarm set	Click	Confirm the Setting	one step forward	One step Backward	-----	-----	-----
	Hold	enter into time setting	8steps/second forward	8steps/second backward	-----	-----	-----

## III. Instruction of Operating

### 3.1 Normal states

1. Click “SET” key to alarm mode.
2. Hold “SET” key to enter into setting mode
3. Hold “UP/CH” key to clear out all data of current channel
4. Click “DOWN/CF” key to switch between °C/°F
5. Hold “LCD” key for 2 seconds to adjust LCD brightness setting, total 8 levels.
6. Click “ALM” key to switch the alarm on/off
7. When alarm is ringing, click “SNOOZE” key once to enter into snooze state, the alarm will ring again after 5 minutes

### 3.2 Time setting

1. Hold “SET” key for 2 seconds to enter into time setting
2. The setting item will flash 1 HZ
3. The sequence of time setting: 12/24HR→OFF/SET→Hour→Minute→Language→Year→Month→Date→Exit
4. Press “SET” key to confirm the setting.
5. Press “UP/CH” key one time, the setting will go forward one step; hold the key for 2 seconds, it will run forward by 8 steps/second.
6. Press “DOWN/CF” key one time, the setting will go backward for one step; hold the key for 2 seconds, it will run back by 8 steps/second.
7. The system will exit automatically if no key is operated in 15 seconds. And the previous setting will be confirmed automatically.

### 3.3 Alarm set

1. Hold “ALM” key for 2 seconds to enter into alarm setting
2. The setting item will flash 1 HZ
3. The sequence of alarm setting: Hour → Minute → exit
4. Press “UP” key one time, the setting will go forward for one step; hold the key for 2 seconds, it will run forward by 8 steps/second.
5. Press “DOWN/CF” one time, the setting will go backward for one step; hold the key for 2 seconds, it will run back by 8 steps/second.
6. Press “ALM” key to confirm the setting
7. The system will exit automatically if no key is operated in 15 seconds. And the previous setting will be confirmed automatically.
8. Press “ALARM” key to switch alarm on/off, sequence: AL1 ON/AL2 OFF→AL2 ON/AL1 OFF→AL1/AL2→AL1/AL2 OFF.
9. the BUZZER will ring for 2 seconds as below:
  - a) 0 – 10 sec.: one “BI” per second
  - b) 10 – 20 sec.: two “BI” per second
  - c) 20 – 30 sec.: four “BI” per second
  - d) after 30 sec.: “BI” continuously
  - e) When the alarm is ringing, click “SNOOZE” key once to enter into snooze state, and ring again after 5 minute later; press other key to exit.

## IV. Power-On and reset

When Power-On and reset, LCD full display for 3 seconds → enter the normal state after “Beep” → checking temperature → receive RF for 3 minutes

## V. Receiving RF

### 5.1 The receiving function of RF

1. After installing the battery and checking temperature, it will enter RF receiving state automatically for 3 minutes.
2. Under normal display mode, hold the “UP/CH” key for 2 seconds to clear out the channel information, and re-register channel
3. If there is no effective signal with same ID code received for the current channel in 1 hour, the temperature of that CH will shows “--.-”, and wait for re-register channel. At the same time to receive RF for 3 minutes, if no effective signal within 3 minutes, RF will off. And start to receive RF for 3 minutes in next hour, until receive RF or hold “UP/CH” key.

## 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.