

# Youshiko YC9430 WEATHER STATION

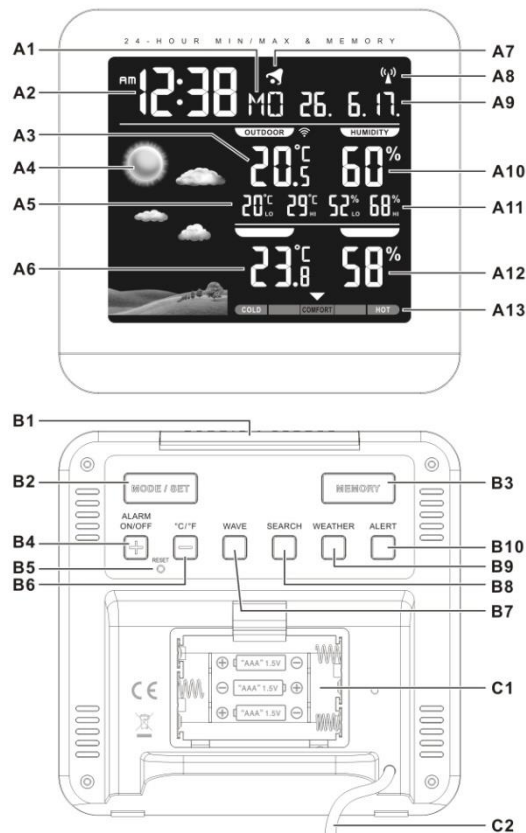
## ( RC-MSF / UK & IRELAND VERSION )

### USER MANUAL

#### 1. Features

- 1.1 Weather Forecast
  - Sunny, Slightly Cloudy, Cloudy, Rainy and Snow animation
- 1.2 Time
  - Radio Controlled Time
  - Perpetual Calendar Up to Year 2099
  - Daily Alarm Function
- 1.3 Humidity
  - Indoor & Outdoor measurable range: 20 ~ 99%
  - Outdoor Humidity Record from Start-Up/Reset, and the corresponded time
  - 24 Hours Min/Max Display for Outdoor Humidity
- 1.4 Temperature
  - Indoor measurable range: -10 ~ 50°C
  - Measures °C / °F user selectable
  - Outdoor measurable range: -20 ~ 50°C
  - Outdoor Temperature Record from Start-Up/Reset, and the corresponded time
    - 24 Hours Min/Max Display for Outdoor Temperature
    - Comfort Indicator Bar
- 1.5 Wireless Outdoor Sensor
  - Low-battery indicator for Outdoor Thermo Sensor
  - Wall Mount or Table Stand
  - One Wireless Thermo Sensor Included
  - 433MHz RF transmitting frequency
  - 70 meter transmission range in an open area

## 2. Main Unit Appearance



### 2.1 Part A- LCD

- |                                |                              |
|--------------------------------|------------------------------|
| A1: Day of week/Second         | A8: Radio control icon       |
| A2: Time                       | A9: Date                     |
| A3: Outdoor temperature        | A10: Outdoor humidity        |
| A4: Weather forecast           | A11: Outdoor humidity memory |
| A5: Outdoor temperature memory | A12: Indoor humidity         |
| A6: Indoor temperature         | A13: Comfort indicator       |
| A7: Alarm icon                 |                              |

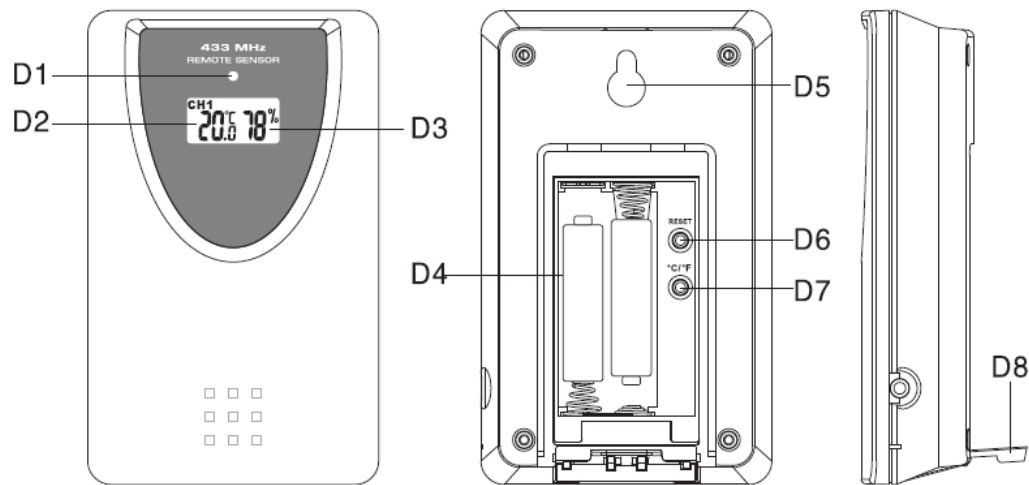
### 2.2 Part B- Buttons

- |                              |                      |
|------------------------------|----------------------|
| B1: "SNOOZE/DIMMER" button   | B6: "-/ C/F" button  |
| B2: "MODE/SET" button        | B7: "WAVE" button    |
| B3: "MEMORY" button          | B8: "SEARCH" button  |
| B4: "+/ ALARM ON/OFF" button | B9: "WEATHER" button |
| B5: "RESET" button           | B10: "ALERT" button  |

### 2.3 Part C- Structure

- |                   |                  |
|-------------------|------------------|
| C1: Battery Cover | C2: Adaptor plug |
|-------------------|------------------|

### 3. Outdoor Thermo Sensor



D1: Transmission Indication LED  
D2: Outdoor Temperature display  
D3: Outdoor Humidity display  
D4: Battery Compartment

D5: Wall Mount Hole  
D6: "RESET" button  
D7: "C/F" button  
D8: Stand

### 4: Getting Started:

#### 4.1: Main Unit:

Remove battery compartment door and insert 3pcs AAA size battery.  
Or connect the power cord to the wall outlet. Before connecting the unit to power, please make sure your local voltage is the same as marked on the adaptor.

#### Note:

- **When powered by battery only, backlight would be off. Press snooze button, backlight will last for around 5 seconds.**
- **When connecting with the power adaptor on the main unit, even at the same time batteries have been installed correctly, this product will switch to the external power supply automatically. (For continuous colour display you must use power supply at all times) .**

#### 4.2: Outdoor Thermo Sensor

- Batteries compartment (D4) of thermo sensor is locating behind the back cover,
- Insert 2 x AAA batteries observing polarity [ "+" and "-" marks]

## 5. Installation

Place the main unit on the flat surface.

The remote sensor should be securely mounted onto a horizontal surface.

**Note:** *Transmissions between receiver and transmitter can reach up to 70m in open area. Open Area: there are no interfering obstacles such as buildings, trees,*

vehicles, high voltage lines, etc.

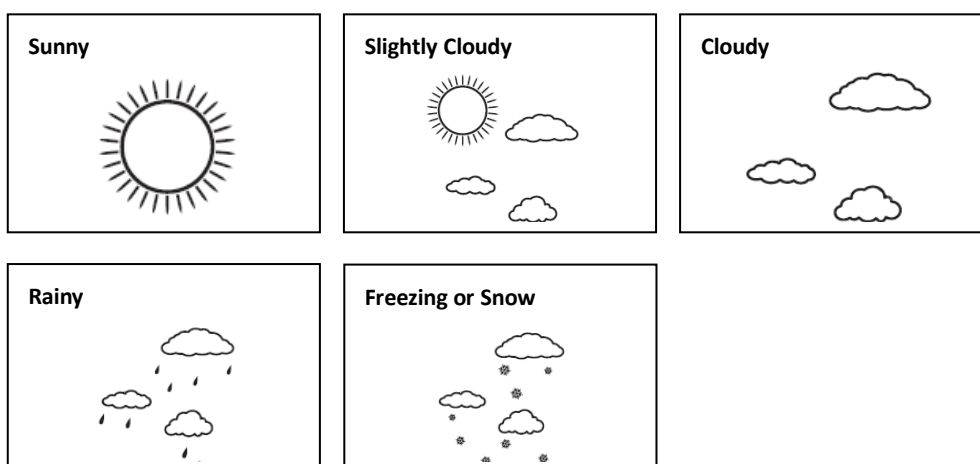
## 6. Main unit Weather Forecast Function Set Up

### 6.1 Operation ( This is very important )

- After power on, hold “WEATHER” button for 3 seconds, weather icon flash on the LCD. Enter the current weather by pressing “-” or “+” button. Press “WEATHER” button to confirm the setting. ( Please note: The weather forecast may not be accurate if the current weather entered is not correct. The weather station will start the first forecast at 6 to 8 hours later after the current weather status is entered).
- After this , leave it and don't do anything , This weather station will pick up signal from sensor and Radio control automatically, It may take few minutes to few hours or for some locations, it may or can take up 24 hours.
- The current weather status should be entered again if the altitude of the main unit is changed. (Barometric pressure is lower at higher altitude location. Therefore, altitude change will affect the weather forecast).

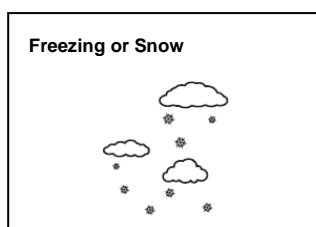
### 6.2 Weather Conditions


There are totally 5 different weather status animations in the weather forecast.



**Note:**


- “ Freezing or Snow “ is shown if the weather forecast is Rainy and outdoor temperature (any channel) under 0 ° C.



- Frost Alert:  "ICE" is shown if the outdoor temperature (any channel) is between  $-2^{\circ}C$  ~  $+3^{\circ}C$
- If there is any inconsistency of weather forecast between local weather station and this unit, the local weather station's forecast should prevail. The manufacture will not hold responsible for any trouble that may come up due to wrong forecasting from this unit.

## 7. Thermometer

### 7.1 RF Transmission Procedure:


- The main unit automatically starts receiving transmission from outdoor thermo sensor for outdoor temperature & humidity after weather condition setting.
- The outdoor sensor will automatically transmit temperature and humidity signal to the main unit after batteries inserted.
- If main unit failed to receive transmission from outdoor thermo sensor in first 3 minutes after the batteries inserted ("-. -" display on the LCD), hold "SEARCH" button for 3 seconds to receive transmission manually. RF icon "" flashes on the LCD

### 7.2 Temperature & Humidity

#### (1) Past 24 Hours Highest/Lowest Outdoor Temperature and Humidity

- After start up, the unit automatically shows past 24 hours the highest outdoor temperature and humidity record. "HI" show on the LCD
- After start up, the unit automatically shows past 24 hours the lowest outdoor temperature and humidity record. "LO" show on the LCD.

#### (2) Recorded Maximum/Minimum Outdoor Temperature and Humidity from Start-up/Reset.



- Press "MEMORY" button to view the lowest and highest temperature and humidity record from start-up or reset. "" display on the LCD.
- When viewing the memory record, hold "MEMORY" button for 3 seconds to clear the maximum and minimum record.
- When viewing the memory record, press "MEMORY" button again to check the corresponded time and date for memory highest and lowest temperature & humidity record. The memory record value and corresponded time and date flash. Press "MEMORY" button select to view:

Time & date for lowest temperature memory record, Time and date for highest temperature memory record, Time & date for lowest humidity memory record, Time and date for highest humidity memory record.








### (3) Celsius / Fahrenheit

- Press “°C /°F” button to select Indoor/Outdoor Temperature in Celsius mode or Fahrenheit mode.
- If the temperature is out of the measurable range, LL.L (beyond the minimum temperature) or HH.H (beyond the maximum temperature) will be shown on the LCD.

### (4) Humidity


- The humidity measurable range is 20% ~ 99%. If the current humidity measurement is lower than 20%, the LCD would display .
- For past 24 hours or memory maximum or minimum temperature and humidity record. If the record is lower than 20%, the LCD would display .

### (5) Outdoor Temperature Alert Function

- Press “ALERT” button to select to activate or deactivate outdoor temperature alert function.
- press ALERT button select to:
  - Active outdoor upper temperature alert, the icon “” besides outdoor temperature digit would display.
  - Active outdoor upper& lower temperature alert, the icon “” besides outdoor temperature digit would display.
  - Active outdoor lower temperature alert, the icon “” besides outdoor temperature digit would display.
  - Deactivate outdoor temperature alert, alert icon disappear.
- Hold “ALERT” button for 3 seconds to enter outdoor temperature alert setting. Icon “” or “” beside Temperature’s digits flash. Press “+” or “-” button to adjust the setting value, press “ALERT” button to confirm the setting. Setting Sequence as follow: Upper limit of temperature, Lower limit of Temperature.
- When it’s alert, the corresponding icon “” or “” and temperature digit would flash on the LCD. Press any buttons to stop the alert sound, otherwise, it will sound for 2 minutes, and stop automatically.


### (6) Comfort Indicator Bar: for the display of pleasant/unpleasant climate.




**Please Note:**


For Manual time setting, before you set the time, you must make the  Icon Disappear , by pressing the wave button and holding for 3 seconds.

**8. Time and Alarm Setting**

**8.1 Radio Controlled Clock:**

- After batteries inserted and main unit finishes receiving the transmission from outdoor sensor, the clock automatically starts to scan the MSF time signal. Radio Control Icon“  ” flashes on the LCD.

 flashes, Indicating now is receiving MSF signal	 turns on, Indicating signal received successfully	 disappear, Indicating signal reception failed
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- The clock automatically scans the time signal at 2.00 a.m. every day to maintain accurate timing. If reception fail, scanning stops (“  ” on LCD disappear)
- The clock can be set to scan the time signal manually by holding “WAVE“button for 3 seconds. Each reception takes about 5 minutes. If receptions fail, scanning stops.
- Stop scanning by holding “WAVE“button for 3 seconds.
- “DST” shown on the LCD if it is in daylight saving time mode.

**8.2 Manual Time Setting:**

- Hold “MODE” button for 3 seconds to enter Clock/Calendar setting mode.
- Press “+” or “-” button to adjust the setting and press “MODE” button to confirm each setting.  
*(By keeping the “+” or “-” button pressed, could accelerate the process and reach the desired value more quickly)*
- The setting sequence is shown as follow: 12/24 Hour, Hour, Minutes, Second, Year, Month, and Day.




**Note:**

- (1) Second adjusted to zero only.
- (2) The time setting mode will automatically exit in 15 seconds without any adjustment.

### 8.3 Daily Alarm Function:

- Press “MODE/SET” button to select to view:


Time → Time & Day of Week → Alarm Time ( “AL” shown on the LCD)

- When viewing the alarm time, hold “MODE” button for 3 seconds to enter alarm time setting. Press “+” or “-” button to adjust the alarm time. Press “MODE” button to confirm the setting.
- Press “ALARM ON/OFF” button to switch alarm on or off. If it is on, “” shown on the LCD.
- When alarming, alarm icon “” flash. Press “SNOOZE” button to activate the snooze alarm, (“” flash on the LCD). The alarm will snooze for around 5 minutes, then it alarms again. This snooze function can be enabled for maximum 7 times.
- Except “SNOOZE” button, press any buttons to stop the snooze alarm. Otherwise, the alarm signal sounds for about 2 minutes, and then stops automatically.

### 9. Dimmer

- Press “DIMMER” button to adjust the LED brightness.

### 10. Low battery indication:

The low battery icon “” will appear and indicating that thermo sensor is in low battery status. The batteries should be replaced.

### 11. Precautions

- *Use a pin to press the reset button if the unit does not work properly.*
- *Avoid placing the clock near interference sources/metal frames such as computer or TV sets.*
- *The clock loses its time information when the battery is removed.*
- *Do not expose it to direct sunlight, heavy heat, cold, high humidity or wet areas*
- *The outdoor sensor must not be set up and installed under water. Set it up in away direct sunlight and Rain*
- *Never clean the device using abrasive or corrosive materials or products. Abrasive cleaning agents may scratch plastic parts and corrode electronic circuits*
- *If there is any inconsistency of weather forecast between Local Weather Station and this unit, the Local Weather Station's forecast should prevail. The manufacturer will not take responsible for incorrect forecasting from this unit*



## Caution!

- The manufacturer is not responsible for any radio or TV or other electronics device interference near by .
- unauthorized modifications to this equipment. Such modifications could void the user authority to operate the equipment.
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