YOUSHIKO YC9330 WEATHER STATION

USER MANUAL

<u>AUTOMATIC SETTINGS:</u>

Insert the batteries in outdoor sensor first, then insert batteries in the main unit, then leave it, this weather station will self set everything automatically, Radio control signal may take time, depends on the location in UK, but will pick up the signal within few minutes to few hours (Max between 1am to 5 am), weather station will set UK time / date and temperature / humidity etc, itself and then you don't have to do anything ever.

You must keep the weather station well away from other electronics devices like TV, computer etc to avoid any interfaces for the radio control signal.

1. Features

1.1	**Weather Forecast**	Two Weather Icon
		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 standing
		One Wireless Thermo Sensor Included
		433MHz RF transmitting frequency
		Up to 30 meter transmission range in an open area

2. Main Unit Appearance
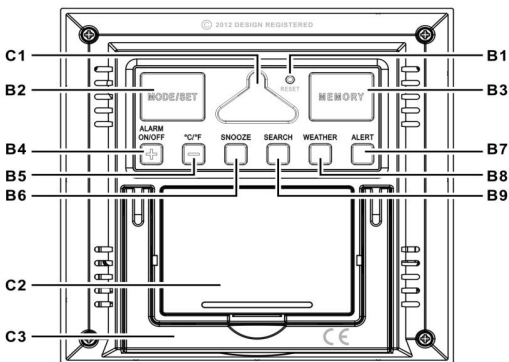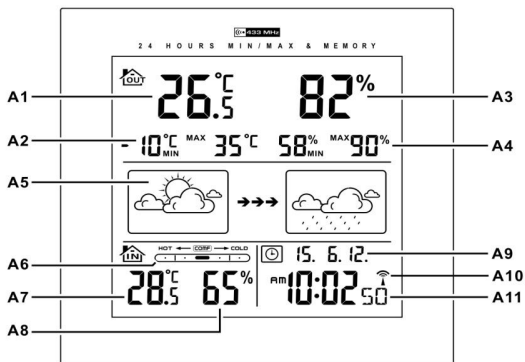
2.1 Part A- LCD
A1: Outdoor Temperature   A4: Humidity Memory
A2: Temperature Memory   A5: Weather Forecast
A3: Outdoor Humidity   A6: Comfort Indicator

A7: Indoor Temperature   A10: Radio Controlled Icon
A8: Indoor Humidity   A11: Time
A9: Date

2.2 Part B- Buttons
B1: "RESET "button   B6: "SNOOZE" button
B2: "MODE/SET" button   B7: "ALERT" button
B3: "MEMORY" button   B8: "WEATHER" button
B4: "+/ ALARM ON/OFF" button   B9: "SEARCH" button
B5: "-/ C/F" button

2.3 Part C- Structure
C1: Wall Mount Hole   C3: Stand
C2: Battery Cover

3. Outdoor Thermo Sensor
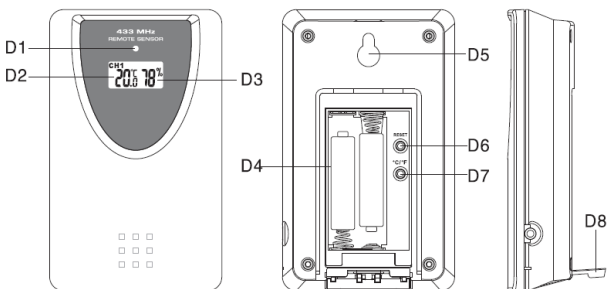
D1: Transmission Indication LED   D5: Wall Mount Hole   D6:
D2: Outdoor Temperature display   "RESET" button   D7: "C/F"
D3: Outdoor Humidity display   button   D8: Stand
D4: Battery Compartment

4. Getting Started:

4.1 Main Unit:
- Open main unit battery compartment cover [C2]
- Insert 3 x AAA batteries observing polarity ["+" and " –" marks]
- Replace main unit battery compartment cover [C2]
- Use a pin to press the RESET [B1] button on the rear of the main unit, the main unit is now ready for use

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

5.1 Main Unit

The main unit can be placed onto any flat surface (C3), or wall mounted by the hanging hole (C1) at the back of the unit.

5.2 Outdoor Thermo sensor

The remote sensor should be securely mounted onto a horizontal surface.   This sensor must be installed where you can avoid Direct Heavy rain and Direct sun shine for accurate readings.

Note: Transmissions between receiver and transmitter can reach up to 30m in open area. Open Area: there are no interfering obstacles such as buildings, trees, vehicles, high voltage lines, etc.

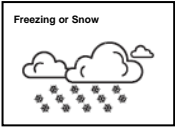## 6. Weather Forecast Function

6.1 Operation

- After Batteries inserted, or holding "WEATHER" button (B8) for 3 seconds, weather icon flash (A5) on the LCD. Enter the current weather by pressing "-" (B5) or "+ "(B4) button. Press "WEATHER" (B8) button to confirm the setting. The weather forecast may not be accurate if the current weather entered is not correct.
- There are two weather icons, the left one indicate current weather condition, the right one forecasts the weather in terms of getting better or worse. The weather station will start the first forecast at 6 hours later after the current weather status is entered.
- 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).
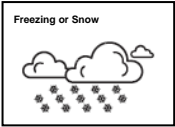
6.2 Weather Conditions

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

Sunny

Slightly Cloudy

Cloudy

Rainy

Freezing or Snow
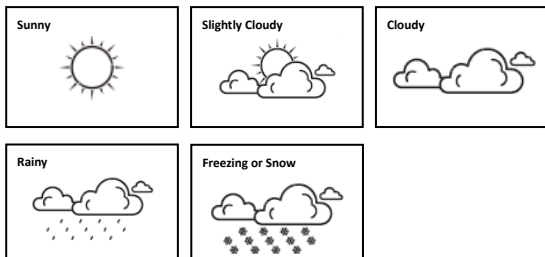
Note:

- " [Freezing or Snow] *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 ° C ~ +3 ° 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 (B9) for 3 seconds to receive transmission manually. RF icon " 🛜 " flashes on the LCD

7.2 Temperature & Humidity

(1) Past 24 Hours Maximum / Minimum Outdoor Temperature and Humidity

- After start up, the unit automatically shows past 24 hours maximum outdoor temperature and humidity record. "**MAX**" show on the LCD

- After start up, the unit automatically shows past 24 hours minimum outdoor temperature and humidity record. "**MIN**" show on the LCD.

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

- Press "MEMORY" button (B3) to view the maximum and minimum temperature and humidity record from start-up or reset. "MEM" flash 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 (B3) again to check the corresponded time and date for memory maximum and minimum temperature & humidity record. The memory record value and corresponded time and date flash. Press "MEMORY" button select to view:

  Time & date for minimum temperature memory record, Time and date for maximum temperature memory record, Time & date for minimum humidity memory record, Time and date for maximum humidity memory record.

(3) Celsius / Fahrenheit

- Press "°C /°F" button (B5) 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 20%.
- For past 24 hours or memory maximum or minimum temperature and humidity record. If the record is lower than 20%, the LCD would display 20%

(5) Outdoor Temperature Alert Function

- Press "ALERT" button (B7) 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 (B7) 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 "MODE" (B2) 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 $\overline{\text{HOT} \leftarrow \text{COMF} \rightarrow \text{COLD}}$ (A6) for the display of pleasant/unpleasant climate.

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

- 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 "+"& "-"buttons (B4&B5) for 3 seconds. Each reception takes about 5 minutes.
- Stop scanning by holding "+"& "-"buttons (B4&B5) for 3 seconds.
- "**DST**" shown on the LCD if it is in Daylight Saving Time Mode.

8.2 Manual Time Setting:

- Hold "MODE" button (B2) for 3 seconds to enter Clock/Calendar setting mode.
- Press "+" (B4) or "-" (B5) button to adjust the setting and press "MODE" button (B2) to confirm each setting.
  (By keeping the "+" (B4) or "-" (B5) 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, 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 (B2) to select to view:

Time ──Time & Day of Week   Alarm Time ("AL" shown on the LCD)

● When viewing the Alarm Time, hold "MODE" button (B2) for 3 seconds to enter Alarm Time setting. Press "+" (B4) or "- "(B5) button to adjust the alarm time. Press "MODE" button (B2) to confirm the setting.

● Press "AL ON/OFF" button (B4) to switch alarm on or off. If it is on, " 🔔 " shown on the LCD.

● When Alarming, alarm icon " 🔔 " flash. Press "SNOOZE" button (B6) 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. Low battery indication:

The low battery icon " 🔋 "will appear l indicating that thermo sensor is in low battery status. The batteries should be replaced.

10. *Precautions*

● *Use a pin to press the reset button (B1) 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 away from 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.*

11. **Products and batteries:**

Products and batteries should not be disposed of with normal household waste.

According to Directive 2012/19/EU, the device is to be supplied at the end of its useful life to a proper disposal. The valuable materials contained in the device are supplied to recycling and avoid the burden of the environment. Please take this device to a collection point for electronic waste or a recycling center.

Remove the batteries from the unit before disposing of it and dispose of them separately.

Consumer is legally obliged to dispose of used batteries at a collection point for used batteries, at a local recycling center or in the battery point of sale. For further information, contact your local waste disposal company or local government.

12: LIABILITY DISCLAIMER:
• The electrical and electronic wastes contain hazardous substances. Disposal of electronic waste in wild country and/or in unauthorized grounds strongly damages the environment.

• Please contact your local and/or regional authorities to retrieve the addresses of legal dumping grounds with selective collection.

• All electronic instruments must from now on be recycled. User shall take an active part in the re-use, recycling and recovery of the electrical and electronic waste.

•The unrestricted disposal of electronic waste may do harm on public health and the quality of environment.

•As stated on the gift box and labelled on the product, reading the "User manual" is highly recommended for the benefit of the user. This product must not be thrown in general rubbish collection points.

•The manufacturer and supplier cannot accept any responsibility for any incorrect readings and any consequences that occur should an inaccurate reading take place.

• This product is designed for use in the home only as indication of the temperature / Humidity etc

•This product is not to be used for medical purposes or for public information.

• The specifications of this product may change without prior notice.

• This product is not a toy. Keep out of the reach of children.

• No part of this manual may be reproduced without written authorization of the manufacturer.

R&TTE Directive 1999/5/EC
Summary of the Declaration of Conformity: We hereby declare that this wireless transmission device

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