YOUSHIKO YC9432 RADIO CONTROL WEATHER STATION
(RC-MSF / UK & IRELAND VERSION)
USER MANUAL

1.   Features

1.1   Weather Forecast   -   Sunny, Slightly Cloudy, Cloudy, Rainy and Snow animation

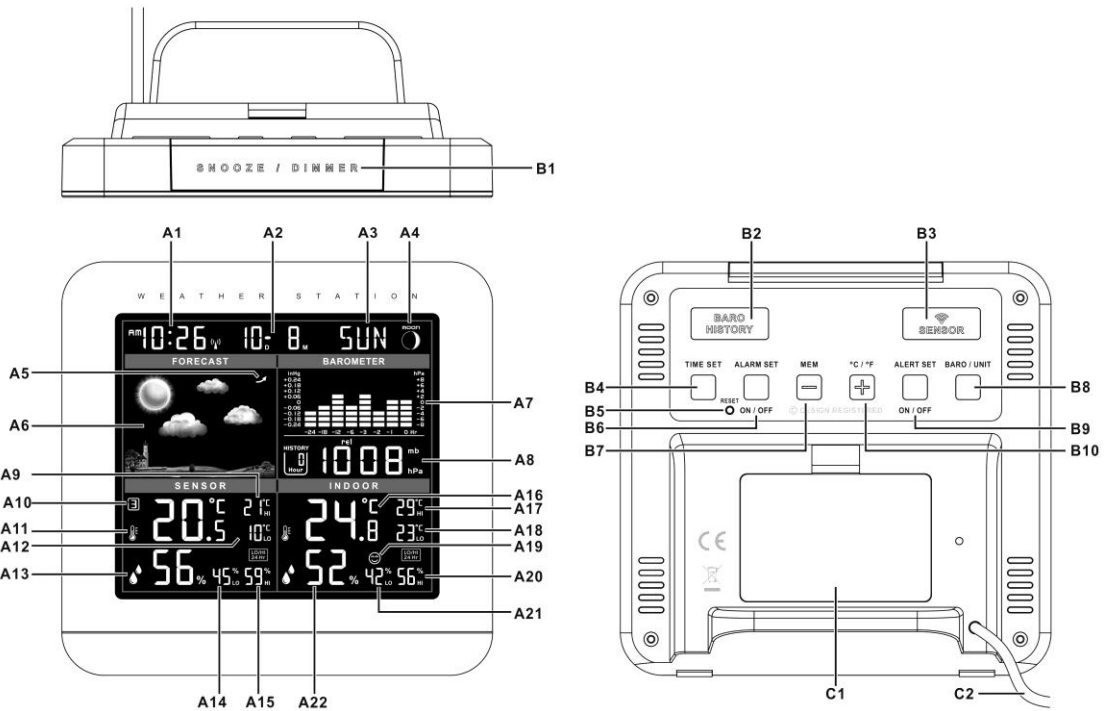**1.2   Time**   -   Radio Controlled Time
                                                      -       Perpetual Calendar Up to Year 2099
                                                      -       Daily Alarm Function

1.3   Humidity   -   Indoor & Outdoor measurable range: 0 ~ 99%
                                                      -      Outdoor Humidity Record from Start-Up/Reset, and the corresponded time
                                                      -       24 Hours Min/Max Humidity Record

1.4   Temperature   -   Temperature of multi channels
                                                      -       Measures °C / °F user selectable
                                                      -       24 Hours Lowest & Highest Temperature Record
                                                      -       Comfort Indicator Icon

1.5   Wireless Outdoor Sensor   -   Low-battery indicator for sensors
                                                      -      Wall Mount or Table Stand
                                                      -      100-meter transmission range in an open area

2. Main Unit Appearance

2.1 Part A- LCD
A1: Time
A2: Date
A3: Day of week
A4: Moon phase
A5: Barometric trend
A6: Weather forecast
A7: Barometric pressure bar graph
A8: Barometric history
A9: Highest temperature record of current channel
A10: Senor channel
A11: Temperature of current channel
A12: Lowest temperature record of current channel
A13: Humidity of current channel
A14: Lowest humidity record of current channel
A15: Highest humidity record of current channel
A16: Indoor Temperature
A17: Highest indoor temperature record
A18: Lowest indoor temperature record
A19: Comfort icon
A20: Highest indoor humidity record
A21: Lowest indoor humidity record
A22: Indoor humidity

2.2 Part B- Buttons
B1: "SNOOZE/DIMMER "button
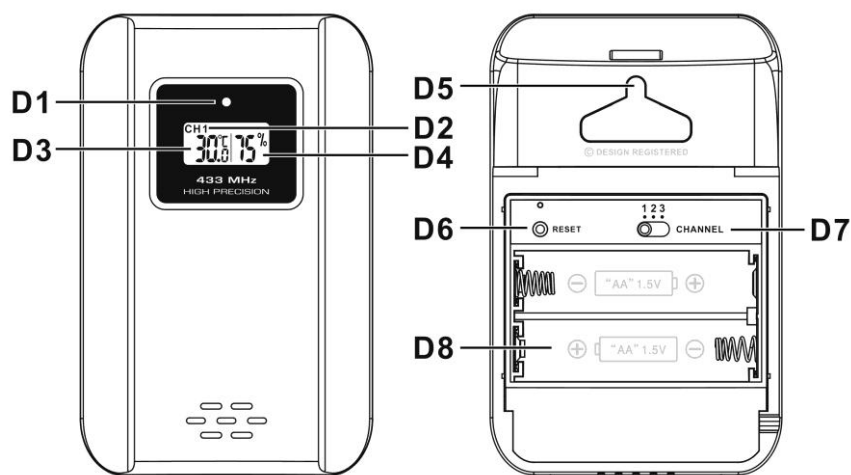
B2: "BARO HISTORY" button
B3: "SENSOR" button
B4: "TIME SET" button
B5: "RESET" button
B6: "ALARM SET/ (ALARM ON/OFF)" button
B7: "MEM/ - " button
B8: "BARO/ UNIT" button
B9: "ALERT SET / (ON/OFF)" button
B10: "+/ (C/F)" button

2.3 Part C- Structure

C1: Battery door   C2: Power cord

3. Sensor

D1: Transmission Indication LED   D5: Wall Mount Hole
D2: Sensor channel   D6: "RESET" button
D3: Temperature   D7: Channel slide switch
D4: Humidity   D8: Battery compartment

4. Getting Started:

4.1 Main Unit:

Remove battery compartment door and insert 3pcs AAA size batteries
And connect the power supply 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 adaptor on the premise that batteries have been installed correctly, this product will switch to the external power supply automatically.

4.2 Outdoor Sensor

- Insert 2 x AA batteries observing polarity ["+" and "–" marks]

5. Installation

Place the main unit onto flat surface, the remote sensor could be placed onto flat surface or securely mounted onto a vertical or horizontal (suitable) surface. Transmissions between main unit and remote sensor can reach up to 100m in open area.

NOTE: Open area means there are no interfering obstacles such as buildings, trees, vehicles, high voltage lines, etc.
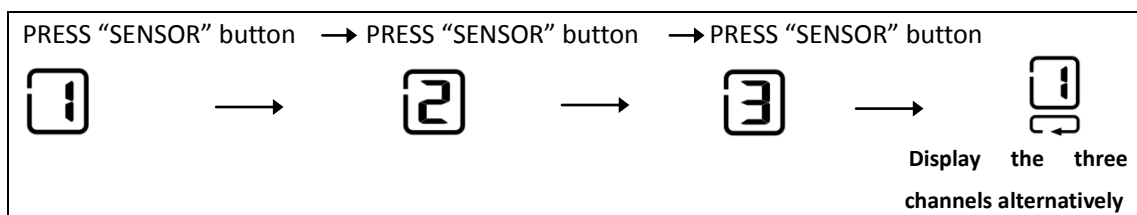
6. RF transmission

- The main unit automatically starts receiving transmission from sensors for temperature & humidity after powering on.
- The sensors will automatically transmit temperature and humidity signal to the main unit after batteries inserted. For having more than one external transmitter (maximum3), select the Channel, CH1, CH2 or CH3 to ensure each sensor is transmitting different channel before inserting batteries. The channel select switch (D7) is above the battery compartment of sensor.
- If main unit failed to receive transmission from sensor in first 5 minutes after the batteries inserted ("- - . –" display on the LCD), hold "SENSOR" button (B3) for 2 seconds to receive transmission manually. RF icon " 📶 " displays on the LCD

7. Temperature & Humidity
7.1 Outdoor Channel
- Press "SENSOR" button (B3) to view the 3 different channels' temperature & humidity. The sequence is shown as follow:

PRESS "SENSOR" button → PRESS "SENSOR" button → PRESS "SENSOR" button		

Display the three channels alternatively

7.2 Temperature & Humidity Record
(1) Past 24 hours maximum / minimum temperature and humidity
- After start up, the unit automatically shows past 24 hours highest & lowest temperature and humidity record.

(2) Recorded maximum / minimum temperature and humidity from Start-up/Reset.

- Press "MEM" button (B7) to view the maximum and minimum temperature and humidity record from start-up or reset for 15 seconds, "**MEM**" flashes on the LCD. When viewing the memory record, press "SENSOR" button (B3) to view the maximum and minimum temperature and humidity memory record of different outdoor channels
- When viewing the memory record, hold "MEM" button for 2 seconds to clear all the maximum and minimum memory record.

NOTE: Hold "SENSOR" button for 2 seconds to receive the transmission from sensors manually, it would clear maximum and minimum temperature & humidity record of sensors too.

7.3 Temperature
- Press "°C /°F" button to select temperature in Celsius mode or Fahrenheit mode.
- The measurable indoor temperature range is -10°C to + 50°C. If the indoor 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 indoor temperature column of the LCD.
- If the sensors' temperature is lower than -40°C, display will read LL.L
  If the sensors' temperature is higher than +70°C, display will read HH.H
  NOTE: When temperature is lower than -20°C, or higher than +50°C, the sensor might not work properly.

7.4 Humidity Range
- The humidity measurable range is 0% ~ 99%.

7.5 Outdoor Temperature Alert Function
- Press "ALERT ON/OFF" button (B9) to select to activate or deactivate sensor's temperature alert function of current display channel.
- press ALERT button selects to
  → Activate sensor's upper temperature alert: the outdoor upper temperature alert value & icon " ⊼ " would flash for 3 seconds, then return to current outdoor temperature display automatically, and icon " ⊼ " beside outdoor temperature digit would display.
  → Activate sensor's upper& lower temperature alert: icon " ⊻ " and lower temperature alert value flash for 3 seconds, then return to current outdoor temperature display automatically, and the icon " ⊻̄ " beside outdoor temperature digit display.
  → Activate sensor's lower temperature alert: the icon " ⊻ " beside outdoor temperature digit displays.

→ Deactivate sensor's temperature alert, alert icon disappears.
- Hold "ALERT SET" (B9) button for 2 seconds to start the setting of current channel's outdoor temperature alert function, icon "▲" or "▼" flashes. Press "+" or "- "button to adjust the setting value, and press "ALERT SET" (B9) again to confirm the setting. Setting Sequence as follow: Upper limit of temperature, Lower limit of temperature.
- When it's alerting, 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.

7.6 Comfort indicator
Comfort Indicator icon (A19) for the display of pleasant/unpleasant climate.

☺: too dry

☺: comfort

WET: too moist

8. Time and Alarm

8.1 Radio Controlled Clock:
- After power on 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,	((•)) turns on,	((•)) disappear,
Indicating now is receiving MSF signal	Indicating signal received successfully	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) and repeats again at 3.00 a.m.
- The clock can be set to scan the time signal manually by holding "+" & "- "buttons (B4&B10) for 2 seconds. Each reception takes about several minutes.
- Stop scanning by holding "+" & "- "buttons (B4&B10) for 2 seconds.
- "DST" shown on the LCD if it is in daylight saving time mode.

8.2 Manual Time Setting:
- Hold "TIME SET" button (B4) for 3 seconds to enter Clock/Calendar setting mode.

- Press "+" or "-" button to adjust the setting and press "TIME SET" button to confirm each setting. By keeping the "+" or "-" button pressed, could speed up the setting.
- The setting sequence is shown as follow: 12/24 Hour, Hour, Minutes, Year, Month-Day sequence, Month, Day, Weather forecast.

Note:

(1) The time setting mode will automatically exit in 15 seconds without any adjustment.

(2) Set the current weather in the setting. The weather forecast may not be accurate if the current weather entered is not correct.

8.3 Daily Alarm Function:

- Press "ALARM ON/OFF" button (B6) to turn on or turn off alarm function. Alarm time and alarm icon "🔔" display if alarm function is activated.
- Hold "ALARM SET" button (B6) button for 2 seconds to enter the setting of alarm time. Press "+" or "- " button to adjust the alarm time. Press "ALARM SET" button to confirm the setting.
- When alarm is alerting, alarm icon "🔔" flashes. Press "SNOOZE" button (B1) 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.
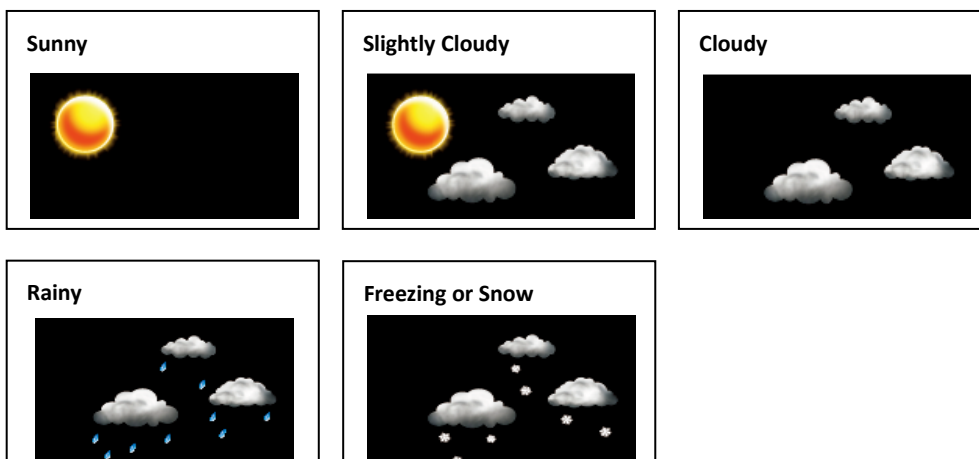
9. Weather Forecast & Barometric Pressure

9.1 Weather Conditions

Set the current weather in the time setting. The weather forecast may not be accurate if the current weather entered is not correct.

The current weather status should be set 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).

There are 5 different weather status animations

Sunny

Slightly Cloudy

Cloudy

Rainy

Freezing or Snow

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 any sensors' channel's temperature 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.

9.2 Barometric Trend Pointer

The trend pointer displayed on the LCD besides weather forecast indicates the trend of the barometric pressure.

Indicating the barometric pressure trend is rising	Indicating the barometric pressure trend is steady	Indicating the barometric pressure trend is falling

9.3 Absolute / Relative Air Pressure

- Press "BARO/UNIT" button to select the barometric pressure unit in mb/hpa or inHg.

- Hold the "BARO/UNIT" button, air pressure digit is flashing, then press "+" or "-"button to select display in absolute or relative pressure, "rel" or "abs" icon is flashing. "abs" is shown for absolute pressure; "rel" is shown for relative pressure.

- Press "BARO/UNIT" button again when "rel" icon is flashing to enter the setting of relative pressure value, press "+" or "-" to adjust the setting, or by keeping the "+" or "-" button pressed, may fast forward through units, press "BARO/UNIT" button again to confirm and quit the setting.

NOTE:

- Absolute pressure is the actual pressure measured by the unit

- Relative pressure is sea level pressure. Please check your local weather station for sea level pressure information.

- The setting mode will automatically exit in 15 seconds without any adjustment.

9.4 Past hours air pressure (History) reading

- Press "BARO HISTORY" button (B2) to view the past 24 hour's barometric

pressure history. The history barometric pressure reading will turn to current barometric pressure reading automatically in 15 seconds.

0 HR = Current Barometric Pressure Reading

-1HR = Barometric Pressure Reading in 1 hour ago

-2HR = Barometric Pressure Reading in 2 hours ago   ……. etc.

10.   Moon Phase Display

● Moon phase display would be changed base on the changing in date.

11.   Backlight

● Press "DIMMER" button to select the brightness of display

12.   Low battery indication:

The low battery icon " ▭ "will appear, it indicates that the display channel's sensor is in low battery status. The batteries should be replaced.

13. 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.

● 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!

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