

# Youshiko YC9333 Radio Control Weather station



### One Step Automatic Set Up:

Insert required batteries in weather station display unit, ,Then choose channel number : 1 / 2 / 3 on three supplied sensors , each sensor must have different channel number, then insert batteries in all sensors and wait .

All sensors will connect to display unit within 1 to 3 minutes. After this Weather Station will self set automatically by MSF Radio control system, within few minutes to few hours or maximum by 05:00 am, depending on the signal or your location. (After this you never have to do anything, Automatic time change for Spring & Autumn and automatic time checks). In some cases it may take up to 24H to self set everything.

Once time all set and full connected, Then to change the format of Month/Date to Date/Month, Follow the manual time settings.

Keep the weather station display unit well away from TV / Computer / Wi-Fi Hub / Mobile phones etc to avoid any interference.

### Please note:

1. It may take several attempts before weather station can pick the radio control signal over the course of 24h from the start.
2. We recommend a minimum distance of 2.5 meters (8.2Feet) to all sources of interference, such as televisions or computer monitors or mobile phones or Wi-Fi Hub etc.

Also we recommend using Duracell or Energizer Alkaline Power Batteries for best results.

## Features:

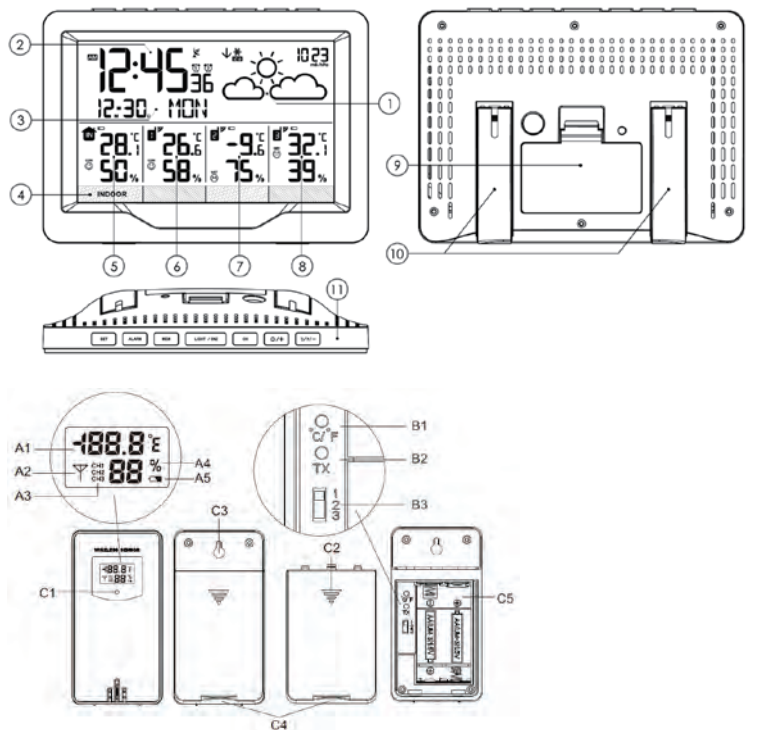
- ▶ MSF Radio controlled clock function
- ▶ Radio control function can be switched on and off
- ▶ Time in optional 12/24 hour format
- ▶ Perpetual Calendar Up to Year 2099
- ▶ Daily Alarm Function
- ▶ Snooze function
- ▶ Low battery indicate
- ▶ Indoor comfort indicator
- ▶ Humidity: Indoor & Outdoor measurable range: 20%RH ~ 95%RH
- ▶ Temperature:
  - Indoor temperature measurement ranges: -9.9°C (14.2°F) ~ 50°C (122°F)
  - Outdoor temperature measurement ranges: -25°C (-13°F) ~ 50°C (122°F)
  - Temperature alternatively in °C or °F
- ▶ 3 remote sensors temperature/humidity and comfort on the same screen display
- ▶ Ice alert
- ▶ Maximum /minimum value record of temperature and humidity
- ▶ Wireless Outdoor Sensor:
  - Wall Mount or Table Stand
  - 3 Channel selectable
  - 433.92MHz RF transmitting frequency
  - 60 meter transmission range in an open area
- ▶ Weather forecasting and air pressure detect

### Power Supply:

Weather Station: Battery: 2 x AA ( Not included )

Wireless Outdoor Sensor: 2 x AA ( Not included )

## Appearance description:



### RX

- ① : Weather forecast pattern and air pressure
- ② : Time
- ③ : Date and day of week
- ④ : Remote sensor location label
- ⑤ : Indoor temperature / humidity / comfort
- ⑥ : Remote sensor 1 data
- ⑦ : Remote sensor 2 data
- ⑧ : Remote sensor 3 data
- ⑨ : Battery compartment cover
- ⑩ : Stand cover
- ⑪ : Operation button area

## **TX**

A1: Remote sensor temperature

A2: Emission symbols

A3: Channel number

A4: Remote sensor humidity

A5: Remote sensor low battery indicate

B1: °C /°F unit transfer button

B2: Manual transmitter button

B3: Channel switch

C1: Transmit indicating lamp


C2: Battery compartment cover

C3: Wall mounting hole

C4: Stand cover

C5: Battery compartment

## Initial operation:

- ▶ Open the Weather Station battery compartment cover
- ▶ Insert 2 x AA batteries observing polarity [ “+” and “-” marks]
- ▶ When you insert the batteries, all icons on the LCD will light up for 3 seconds, and you will hear a beep tone, and then detect indoor temperature & humidity.
- ▶ The Weather Station will now start to make a connection to the outdoor remote sensor. This process lasts for a maximum of 3 minutes and will display by a flashing reception antenna symbol  in the “OUTDOOR” display area on the receiver.
- ▶ then open the remote Sensor no: 1 , battery compartment cover, push the channel switch to the “1” position, Insert 2 x AA batteries observing polarity [“+” and “-” marks], close the battery cover.
- ▶ According to the same method, push the channel switch to the “2” or “3” in sensor no: 2 and 3 and insert batteries in sensors.
- ▶ After this all sensors will connect to display unit and it will enter the Radio control receive mode.

## Reception of the Radio signal:


- ▶ The clock will automatically search the **MSF** signal after 3 minutes of any restart or changing of new fresh batteries. The radio mast icon starts to flash.
- ▶ At 1:00 /2:00 / 3:00 AM, the clock automatically carries out the synchronization procedure with the **MSF** signal to correct any deviations to the exact time. If this synchronization attempt is unsuccessful (the radio mast icon disappears from the display), the system will automatically attempt synchronization at the next full one hour. This procedure is repeated automatically up to total 5 times.
- ▶ To start manual **MSF** signal reception, press and hold the “-” button for 3 seconds. If no signals received within 7 minutes, then the **MSF** signal search stops (the radio mast icon disappears) and start again at the next full one hour.
- ▶ During RC reception , to stop searching radio signal, press the “-” button once.

### ***F.Y.I.:***

- ▶ A flashing radio mast icon indicates that the **MSF** signal reception has started
- ▶ A continuously displayed radio mast icon indicates that the **MSF** signal was received successfully
- ▶ We recommend the product be placed at a minimum distance of 2.5 meters (8.2Feet) to all sources of interference, such as televisions or computer monitors or switching power adapter.

- ▶ Radio reception is weaker in rooms with concrete walls (e.g.: in cellars) and in offices. In such extreme circumstances, place the system close to the window.
- ▶ During the RC receive mode, only the **【Light/SNZ】** and **【-】** buttons have a function, other buttons are not functional, If you want to carry out other functions of operation, please press **【-】** button to exit the RC receiving mode.

## Manual time setting:






- ▶ Press and hold the **【SET】** button for 2 seconds, the “  ON/OFF ” starts to flash. Now use **【+】** and **【-】** buttons to set the radio control function ON or OFF.
- ▶ Press **【SET】** button to confirm your setting, the 12/24HR start to flash. Now use **【+】** and **【-】** buttons to set the 12/24 hour mode you need.
- ▶ Press “**SET**” to confirm your setting, the Hour starts to flash. Now use “+” and “-” buttons to set the correct hour.
- ▶ Press “**SET**” to confirm your setting, the Minute starts to flash. Now use “+” and “-” buttons to set the correct minute.
- ▶ Press “**SET**” to confirm your setting, the Month and Date icon starts to flash. Now use “+” and “-” buttons to select date display on Month/Date or Date/Month.
- ▶ Press “**SET**” to confirm your setting, the “year” is display and starts to flash. Now use “+” and “-” buttons to set the correct year.
- ▶ Press “**SET**” button to confirm your setting, the “month” starts to flash. Now use “+” and “-” buttons to set the correct month.
- ▶ Press “**SET**” button to confirm your setting, the “date” starts to flash. Now use “+” and “-” buttons to set the correct date.
- ▶ Press “**SET**” button to confirm your setting, the weather forecast pattern starts to flash. Now use “+” and “-” buttons to select the current weather pattern.
- ▶ Press “**SET**” button to confirm your setting, the air pressure unit will display and starts to flash. Now use “+” and “-” buttons to choose the air pressure unit you need.
- ▶ Press “**SET**” button to confirm your setting, the air pressure value will display and starts to flash. Now use “+” and “-” buttons set to local standard pressure value.
- ▶ Press “**SET**” button to confirm your setting and to end the setting procedures, then it will return to the normal mode.

### **F.Y.I.:**

- ▶ If there is no valid operation within 20 seconds, it will automatically return to normal time mode from the set mode.

▶ When adjusting the value, press and hold the **【+】** or **【-】** key to adjust continuously and quickly.

### Setting the daily alarms:

▶ Press once **【🔔/+】** button, LCD will display , press again to display , press again to display , each to represent Alarm1ON (Alarm2 OFF), Alarm2 ON (Alarm1 OFF), Alarm1&Alarm2 ON. Press **【🔔/+】** button again to Alarm1 and Alarm2 all OFF (no  and  display).

▶ Press once **【ALARM】** button, LCD display alarm1 time, press **【ALARM】** button again, LCD display alarm2 time, press **【ALARM】** button again, return to time display.

▶ Press and hold **ALARM** button for 3 seconds, until the hour of the Alarm1 time starts to flash. Use the **【+】** and **【-】** buttons to set the required hour.

▶ Press **【ALARM】** button to confirm your setting, the Minute of the Alarm1 time starts to flash. Use the **【+】** and **【-】** buttons to set the required minute.

▶ Press **【ALARM】** button to confirm your setting, the hour of the Alarm2 time starts to flash. Use the **【+】** and **【-】** buttons to set the required hour.

▶ Press **【ALARM】** button to confirm your setting, the minute of the Alarm2 time starts to flash. Use the **【+】** and **【-】** buttons to set the required hour.

▶ Press **【ALARM】** button to confirm your setting and to end the setting procedure.

#### ***F.Y.I.:***

▶ If there is no valid operation within 20 seconds, it will automatically return to normal time mode from the alarm time set mode.

▶ When adjusting the value, press and hold the **【+】** or **【-】** key to adjust continuously and quickly

▶ The alarm will sound for 2 minutes if you do not deactivate it by pressing any button. In this case the alarm will be repeated automatically after 24 hours.

▶ Rising alarm sound (crescendo) changes the volume 4 times whilst the alarm signal is heard.

### Switching off the alarm signal

▶ When the alarm is ringing, press any button except the **【Light/SNZ】** button to stop the alarm signal. It is not necessary to reactivate the alarm. It will ring again this time



next day.


## Snooze function

▶ When the alarm is ringing, press the **【Light/SNZ】** button the alarm mode will get to snooze mode. The alarm signal sounds again after 8 minutes.

## RF Transmission Procedure

▶ The weather station automatically starts receiving transmission from outdoor remote sensor for outdoor temperature & humidity after batteries inserted.

▶ The remote sensor will automatically transmit temperature and humidity data to the Weather Station after batteries inserted.

▶ If the Weather Station failed to receive transmission from outdoor remote sensor (“--” display on the LCD), Press the **【CH】** button to select the channel, the number of selected channels will flash, then press and hold the **【CH】** button for 3 seconds, RF icon  will be flashing, the weather station will rescan the launch signal of the channel.

## Query Maximum/minimum numerical value:

▶ When the temperature / humidity are shown in the LCD, The weather station began to record temperature/humidity maximum and minimum numerical value.

▶ Press once **【MEM】** button, the LCD will display maximum value of temperature/humidity, The LCD will display the minimum value of temperature/humidity if press once **【MEM】** button again when the maximum value is displayed.

▶ at the same time, there are “MAX” or “MIN” displayed on the LCD.

▶ The temperature/humidity maximum/minimum value will RE records after press and hold **【MEM】** button 3 seconds.

▶ The memory value of the day will be automatically cleared at **AM12:00** every night.


### *F.Y.I.:*

▶ If the temperature reading is below ranges, the **LL.L** will be displayed. If the temperature reading is above ranges, the **HH.H** will be displayed.

## °C /°F unit transfer














▶ Press the **【°C/°F/—】** button to select °C or °F units.

## Ice alert

- ▶ The ice alert symbol  appears and flashing when the outdoor temperature at  $-1^{\circ}\text{C}$  to  $+3^{\circ}\text{C}$  or  $+30.2^{\circ}\text{F}$  to  $+37.4^{\circ}\text{F}$ .

## Weather forecasting function

- ▶ Please take the weather forecast from your local weather forecasting service into account as well as the forecast from your weather station. If there are discrepancies between the information from your device and from the local weather forecasting service, please take the advice of the latter as authoritative.
- ▶ The weather forecast is calculated from evaluation of fluctuations in the barometric pressure and may deviate from the actual weather conditions.
- ▶ The weather station displays the following weather symbols:

|                 |   |   |   |
|-----------------|---|---|---|
| Sunny           |    |    | -----   |
| Slightly cloudy |    |    | -----   |
| Cloudy          |    | -----   | -----   |
| Rainy           |    |    | -----   |
| Heavy rainy     |   |   |   |
| Snowy           |  |  |  |

- ▶ The weather symbols indicate the weather fluctuation over the next 8 hours and not the current weather.

## Also please note:

Outdoor sensor collect real-time data and weather station track specific weather-related variables, including changes in temperature, humidity, and barometric pressure to produce a forecast with a personalized accuracy for your pin point location ( which may not be same as Sky or BBC news forecast or met office ).

Weather icons flashing / blinking is fine, which mean weather station thinks, that weather will be between two icon or will or may change rapidly .

Accuracy of the Weather forecast icon is about 70% , its written in the user manual but as we are UK , weather changes here like no tomorrow.

this is how it works , analyzing air pressure all the time , it will change in due course when weather station data thinks and value will go up or down for your pin point location ( Automatically ) , this cannot be changed manually . it will settle down in due course . as and when your weather station feel fit to do so ,

### Comfort level:



The temperature and humidity is dry (When the humidity is below 40%.)



The temperature and humidity is comfort (When the temperature in 20~28°C and the humidity in 40~70%)



The temperature and humidity is wet (When the humidity is above 70%)

### F.Y.I.:

When the temperature is not in 20~28°C and the humidity in 40~70%, The comfort level icon will no display.

### Barometric pressure trend display



The barometric pressure is rising.



The barometric pressure is falling.

If there is no arrow trend, it means the barometric pressure is steadying.

## Background lighting

▶ Press the **【Light/SNZ】** button, the backlight illuminates for 15 seconds.

## Battery replacement:

Use alkaline batteries only. Observe correct polarity, Low batteries should be changed soon to avoid the damage resulting from a leaking battery. Batteries contain harmful acids. Wear protective glasses and gloves when handling with leaked batteries. Please do not dispose of old electronic devices and empty batteries in household waste. To protect the Environment, take them to your retail store or to appropriate collection sites according to national or local recycling centre.

## Troubleshooting:

The weather station obtains the accurate time with wireless technology. As with all wireless devices, the reception can be affected by the following circumstances:

- Long transmitting distance
- Nearby mountains and valleys
- Amidst tall buildings
- Near freeway, railway, airports, high voltage cable etc.
- Near construction site
- Inside concrete buildings
- Near electrical appliances (computers, TVs, etc.)
- Inside moving vehicles
- Near metallic structures

Place the station at a location with optimal signal, i.e. close to a window and away from metal surfaces or electrical appliances. Keep in mind that the outdoor transmitter only has the optimal transmission range in open area with no obstructions. Each obstruction between the transmitter and the station (roofs, walls, floors, ceilings, densely wooded areas, etc.) will effectively cut the transmission range in half. Protection and care of this item

- Do not expose the unit to extreme temperature, water or direct sunlight.
- Avoid contact with any corrosive materials.
- Do not subject the unit to excessive force, dust or humidity.
- Do not open the inner back case or tamper with any components of this unit.

### **Declaration of Conformity:**

Youshiko Ltd hereby declares that the product fully complied to applicable guidelines and corresponding standards and requirements of UKCA and other relevant provisions of Directive 1999/5/EC.

### **LIABILITY DISCLAIMER**

- Electrical and electronic waste contains hazardous substances. Disposal of electronic waste in open countryside and/or in other unauthorized places greatly damages the environment.
- Please contact your local and/or regional authorities to find the addresses of legal dumping grounds with appropriate facilities.
- All electronic instruments must now be recycled. Users shall take an active part in the re-use, recycling and recovery of electrical and electronic waste.
- The unrestricted disposal of electronic waste may do harm to public health and the quality of environment.
- Reading the “User Manual” is highly recommended for the benefit of the user. This product must not be disposed of in general rubbish collection facilities.
- The manufacturer or 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.

### **Supplied in Box:**

- 1 x Youshiko YC9333 Weather station main Unit
- 3 x outdoor transmitter ( Model: YC9312 )
- 1 x instruction manual (Batteries are not included)

All enquiries: [service@youshiko.co.uk](mailto:service@youshiko.co.uk)

