

Youshiko YC9331 Radio Control Weather station

One Step Automatic Set Up:

Insert required batteries in the sensor and weather station , then wait for Weather Station to self set automatically by MSF Radio control system, with in 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.

Keep the weather station display unit well away from TV / Computer / Wifi Hub / Moblie phones etc to avoid any interference .

Please Note:

- 1. It may take several attempts before weather station can or pick the radio control signal over the course of 24h from the start.**
- 2. You may set the date display as Month/Date or Date/Month, for this please follow the instructions for Manual time setting.**
- 3. 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.**

We recommend to use Duracell or Energizer Alkaline Power Batteries for best results.

Features:

- ▶ MSF Radio control time function
- ▶ Perpetual Calendar Up to Year 2099
- ▶ Time in optional 12/24 hour format
- ▶ Daily Alarm Function
- ▶ Automatic snooze function (OFF or 5~60min)
- ▶ The tide and moon phase display
- ▶ Barometric pressure:
 - Barometric pressure measurement ranges: 600hPa/mb (17.72inHg) to 1100hPa/mb (32.50inHg)
 - Pressure alternatively in hPa/mb or inHg
- ▶ Humidity: Indoor & Outdoor measurable range: 20%RH ~ 95%RH
- ▶ Temperature:
 - Indoor temperature measurement ranges: -9.9°C (15°F) to 50°C (122°F)
 - Outdoor temperature measurement ranges: -40°C (-40°F) to 70°C (140°F)
 - Temperature alternatively in °C or °F.
 - Outdoor thermometer and frost alert
- ▶ Minimum/maximum display for air humidity and temperature
- ▶ Wireless Outdoor Sensor:
 - Wall Mount or Table Stand
 - One Wireless Thermo Sensor Included
 - 433.92MHz RF transmitting frequency
 - 60 meters transmission range in an open area
- ▶ The weather forecasting function
- ▶ Power Supply:
 - Weather Station:
 - Battery: 2 x LR6 AA
 - Wireless Outdoor Sensor:
 - Battery: 2 x LR6 AA
 - Please note: Batteries are not Included

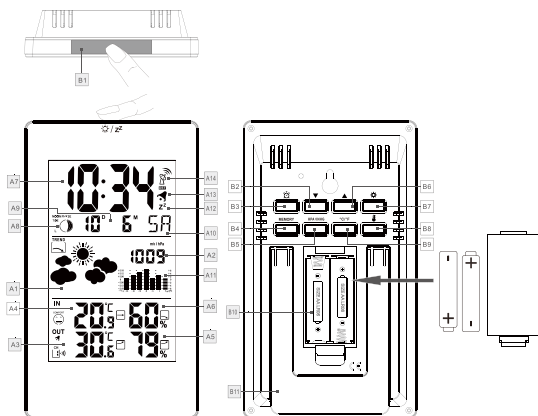
F.Y.I.:

The wireless remote sensor can work at -30°C to +70°C. Please choose the right battery according to the limit temperature of the wireless sensor:

Alkaline zinc manganese battery can work at -20°C to +60°C

Polymer lithium ion rechargeable battery can work at -40°C to +70°C.

Weather Station Appearance



Part A-Positive LCD

A1: Weather Forecasting,

A2: Barometric pressure

A3: Outdoor Temperature

A4: Indoor Temperature

A5: Outdoor Humidity

A6: Indoor Humidity

A7: Time

A8: Tide, Moon Phase

A9: Calendar or Alarm time

A10: Weed

A11: Histogram shows the trend of 24 hours of atmospheric

pressure

Part B – Back button and power

B1: "SNOOZE/LIGHT" touch field

B2: Keypad

B3: Battery compartment

B4: Support frame

B5: "HPA/INGH" button

B6: "▲" button

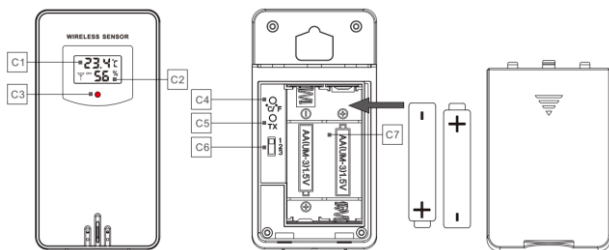
B7: "⚙️" button

B8: "🔊" button

B9: "°C/°F" button

B10: Battery compartment

B11: Support frame



Part C –Wireless Remote Sensor:

C1: LCD display – Temperature

C2: LCD display – Humidity

C3: Transmit signal LED

C4: "°C/°F" button

C5: "TX" button

C6: "CHANNEL 1 or 2 or 3" switch

C7: Battery compartment

Initial operation:

- ▶ Open Weather Station battery compartment cover
- ▶ Insert 2 x AA batteries observing polarity ["+" and "-" marks]
- ▶ When you insert the batteries, all the icon on the LCD display will briefly light up for 3 seconds, and you will hear a beep tone, and detect indoor temperature & humidity.
- ▶ The Weather Station will now start to make a connection to the outdoor remote sensor. This operation takes about 3 minutes and is displayed by a flashing reception RF antenna symbol in the "OUTDOOR" display area on the receiver.
- ▶ This now, replace Wireless Outdoor Sensor battery compartment cover ,Open Weather Station battery compartment cover ,Insert 2 x AA batteries observing polarity ["+" and "-" marks]
- ▶ After receiver has created a connection to the outdoor remote sensor, it will then b enters the Radio control time receive mode.

Reception of the Radio signal:

- ▶ The clock automatically starts the **MSF** signal search after 7 minutes of any restart or changing of new fresh batteries. The radio mast icon starts to flash.
- ▶ At 1:00am /2:00am / 3:00am, 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 another 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 down the "▲" button for two 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 a minimum distance of 2.5 meters to all sources of interference, such as televisions or computer monitors
- ▶ 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 “▲” button function, other button operation have no function, If you want to carry out other functions of operation, please press “▲” button to exit the RC receiving mode.










Manual time setting:

- ▶ Press once “” button, can switch the display calendar or second or alarm time
- ▶ Press and hold down the “” button for 2 seconds, the 12/24 hour mode display starts to flash. Now use “▲” and “▼” buttons to set the correct 12/24 hour mode.
- ▶ Press “” to confirm your setting, the RCC icon display starts to flash, Now use “▲” and “▼” buttons set the RCC receive function to activate(ON) or close(OFF)
- ▶ Press “” to confirm your setting, the Hour display starts to flash. Now use “▲” and “▼” buttons to set the correct hour.
- ▶ Press “” to confirm your setting, the Minute displays starts to flash. Now use “▲” and “▼” buttons to set the correct minute.
- ▶ Press “” button to confirm your setting, the Month and Date icon display starts to flash. Now use “▲” and “▼” buttons to set the date display on Month/Date or Date/Month.
- ▶ Press “” button to confirm your setting, the Year display 2014 starts to flash. Now use “▲” and “▼” buttons to set the correct year.
- ▶ Press “” button to confirm your setting, the Month display starts to flash. Now use “▲” and “▼” buttons to set the correct month.
- ▶ Press “” button to confirm your setting, the Date display starts to flash. Now use “▲” and “▼” buttons to set the correct date.
- ▶ Press “” to confirm your setting and to end the setting procedures, enter the clock mode

F.Y.I.:

- ▶ After 20 seconds without pressing any button, the clock switches automatically from Set Mode to Normal Time Mode.



Setting the daily alarms:

- ▶ Press once “” button, the display conversion to alarm activation mode, In this mode, press the “” button again to activate the alarm function, which is displayed as "ON", while the alarm icon “” is displayed. Also, in this mode the alarm has been activated, and then press “” button, you can turn off the alarm function, the display show "OFF" and the alarm icon “” does not show
- ▶ Press and hold down “” button for 2 seconds until Alarm Time hour display of the Alarm time starts to flash. Use the “▲” and “▼” buttons to set the required hour.
- ▶ Press “” button to confirm your setting, The Minute display of the Alarm time starts to flash. Use the “▲” and “▼” buttons to set the required minute.
- ▶ Press “” button to confirm your setting, the snooze time of the Alarm starts to flash. Use the “▲” and “▼” buttons to set the minute of snooze you need.
- ▶ Press “” button to confirm your setting and to end the setting procedure

F.Y.I.:

- ▶ After 20 seconds without pressing any button the clock switches automatically from setting mode to Normal clock mode.
- ▶ 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, duration: 2 minutes) changes the volume 4 times whilst the alarm signal is heard.
- ▶ the snooze time setting range: 5 ~ 60MIN, OFF, when set to OFF, means no snooze function. Snooze time unit is minutes.

Switching off the alarm signal

- ▶ The alarm sound when the trigger, press any button except the “ / ZZ” button or press hold the “ / ZZ” button for 2 seconds to stop the alarm signal.

Snooze function:









- ▶ Touch the “☀️ / ZZ” field or press the “☀️ / ZZ” button the alarm signal sounds to get to SNOOZE mode. The alarm signal sounds again after already been set.
- ▶ In snooze mode, press any button except the “☀️ / ZZ” button or press hold the “☀️ / ZZ” button for 2 seconds to exit the snooze mode.

F.Y.I.:

When the snooze function is set to OFF, the alarm sound when the trigger, press “☀️ / ZZ” does not have this snooze function.

Lunar phases and tide indicator:

- ▶ The Moon icon and tide indicator of the Weather Station will also display 12 different Moon phase and 3 kinds of tide phases according to the set calendar.

							
New moon	Waxing half-moon	Half-moon	Waxing full moon	Full moon	Waning full moon	half-moon	Waning half-moon

°C or °F temperature display

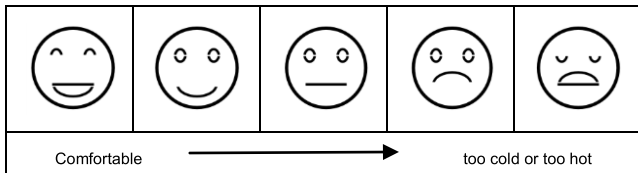
- ▶ The temperature is displayed either in °C or °F. Briefly pressing the “°C/°F” button allows you to switch between the individual modes.

hPa/mb or inHg air pressure display

- ▶ The air pressure is displayed either in hPa/mb or inHg. Briefly pressing the “HPA/INHG” button allows you to switch between the individual modes.




Comfort display

- ▶ Indoor comfort level is calculated according to the indoor temperature and humidity, a total of 5 levels.





Displaying temperature/humidity/ barometric pressure and temperature/humidity trend

- ▶ The current indoor temperature/humidity/barometric pressure and the temperature/humidity trend (indoors) are shown in the LCD display.
- ▶ After successfully connecting with the outdoor sensor, the weather station can display the outdoor temperature/humidity and the temperature/humidity trend (outdoor)
- ▶ You may see the following displays:

-  The temperature/humidity is rising.
-  The temperature/humidity is remaining constant.
-  The temperature/humidity is falling.

RF Transmission Procedure:

- ▶ The weather station automatically starts receiving transmission from outdoor thermo sensor for outdoor temperature & humidity after batteries inserted.
- ▶ The outdoor sensor will automatically transmit temperature and humidity signal to the Weather Station after batteries inserted.
- ▶ The Weather station can connect up to 3 channel wireless sensor registration, the use of multiple wireless sensor, the wireless sensor channel cannot choose the same channel at the same time (a total of 1, 2, 3 channel can choose)
- ▶ Press the "▼" button can switch the display of different channels of outdoor temperature and humidity, when displaying the symbol "  ", will display the channel every 5 seconds automatically switch a channel

▶ If Weather Station failed to receive transmission from outdoor sensor (“- -”display on the LCD), press and hold “▼” button for 3 seconds to receive transmission manually. RF icon “” flashes on the LCD , The Weather Station to receive the outdoor sensor.

One sensor included and comes with the weather station and further two more sensors (ref: YC9312) , you can buy it separately .

Maximum/Minimum Temperature/Relative Humidity

▶ To toggle indoor/outdoor maximum, minimum temperature and humidity data, press the “MEMORY” button:

Once to show the maximum temperature and humidity values.

Twice to show the minimum temperature and humidity values






Three times to return to the current temperature and humidity levels

▶ To reset the maximum and minimum temperature and humidity, press and hold down the “MEMORY” button about 2 seconds. This will reset all minimum and maximum data recorded to the current displayed values. The Maximum / Minimum Temperature/Relative Humidity memory will reset at 12am every night automatically .


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.


Outdoor Temperature alert setting

- ▶ Press and hold down the “” button for 2 seconds until the icon for the Temperature Alert “” starts to flash
- ▶ The icon of Upper limit of the Temperature alarm starts to flash. Use the “▲” and “▼” buttons to set the required maximum temperature, press “” to confirm your setting.
- ▶ The icon of the Lower limit of the Temperature alarm “” starts to flash. Use the “▲” and “▼” buttons to set the required minimum temperature, press “” button to confirm your setting and to end the setting procedure


Temperature and frost alert

- ▶ Press “

F.Y.I.:





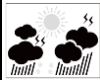

- ▶ When the temperature is higher than the upper limit of the alarm temperature setting, the activation of the upper limit alarm, symbol “

Low battery:

If the battery icon “

The weather forecast:

- ▶ The weather station calculates a weather forecast for about the next 12 hours based on the barometric pressure trend. Of course this forecast can't compare to that of professional weather services supported by satellites and high performance computers, but merely provides an approximate indication of current developments. Please take the weather forecast from your local weather forecasting service into account as well as the forecast from your weather station.
- ▶ The weather station displays the following weather icon:

					
sunny	slightly cloudy	cloudy	rainy	Heavy rainy	Snowy

▶ The weather station can display the barometric pressure trend.

▶ You may see the following displays:



The barometric pressure will rise.



The barometric pressure will remain constant.



The barometric pressure will fall.

Background lighting

▶ Touch the “☀️ / ZZ” field, Backlight lit 8 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.

All enquires: service@voushiko.co.uk

