

# Youshiko YC9453 Weather station



## 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: -40°C (-40°F) ~ 70°C (158°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 LR06 AA (Not included in the package)
    - Adapter: DC 5V (Included in the package)
  - Remote Sensor:
    - Battery:2 x LR06 AA (Not included in the package)

## Frequently Asked Questions:

▶ Q1: Why does the screen turn off after powering on the weather station? And sometimes during the night? What is RCC / MSF?

A: After powering on the weather station, it will soon activate RCC function (Radio-controlled automatic time-calibration, abbr. RCC / MSF). During the process, the display screen will automatically turn off to reduce other interference. After the process(in 7 minutes), the screen will light up again.

Every night, at 1:00am, 2:00am, 3:00am, it will start RCC. If the reception of RCC signal fails due to signal interference or weak signal, it will start again at 4:00am. If fails again, it will start again at 5:00am. After 5:00am, whether successful or not, it will not automatically start RCC.

During the RCC process (in 7 minutes), if you want to light up the screen, please press "SNOOZE", at the same time RCC will continue. If you want to stop RCC, please press "-", RCC will stop and the screen will light up. If you want to activate RCC manually, please hold "-" for 2-3 seconds, the station will start RCC.

► Q2: Why does the weather station not display the outdoor temperature? Why is there a horizontal line on the screen? Why does the temperature and humidity data on the screen show inconsistencies?

A: In order to ensure that the device can receive signals quickly, please follow the steps below:

(1) Power on the weather station first.

(2) Then power on the sensor.

(3) Confirm that the clock and the sensor are in the same channel.

(4) After establishing a connection, the sensor transmits data every 60 seconds to update the temperature and humidity data.

(5) If the connection failed, please hold "CH" for 2-3 seconds to clean up the data and restart to receive the data.

And press the button "TX" on the back of the sensor to transmit a signal. The connection will be re-established.

If there is a horizontal line on the screen (not displaying the temperature and the humidity), please ensure your station and the sensor are in the same channel.

Please note that the transmitting distance is within about 60m/196feet. The displayed temperature and humidity will be more accurate after 3 hours. If there is some error, please wait about 3 hours. Indoor and outdoor temperature error within  $\pm 1^{\circ}\text{C}$ , indoor and outdoor humidity error within  $\pm 5\%$ .

► Q3: Does it run on batteries during a power outage so that the alarm clock will still wake you up?

A: Yes, the alarm clock will wake you up also when powered by batteries. The weather station can be used with power adapter (in the package) or batteries (not included in the package). If powered by adapter, the screen will be brighter and stay always bright. If powered by batteries, the screen will be darker and it will be off after about 15 seconds to save battery power.

## **ATTENTION:**

► You may set the date display as Month/Date or Date/Month, for this please follow the instructions for Manual time setting.

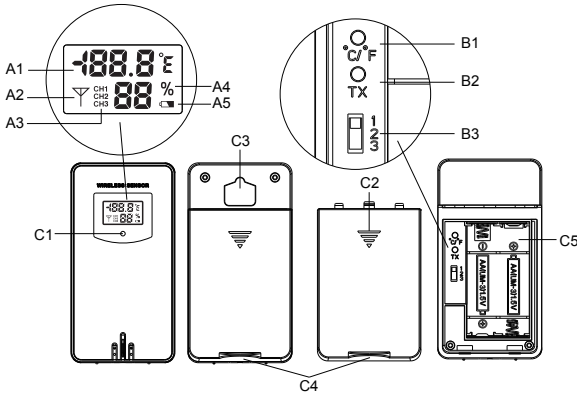
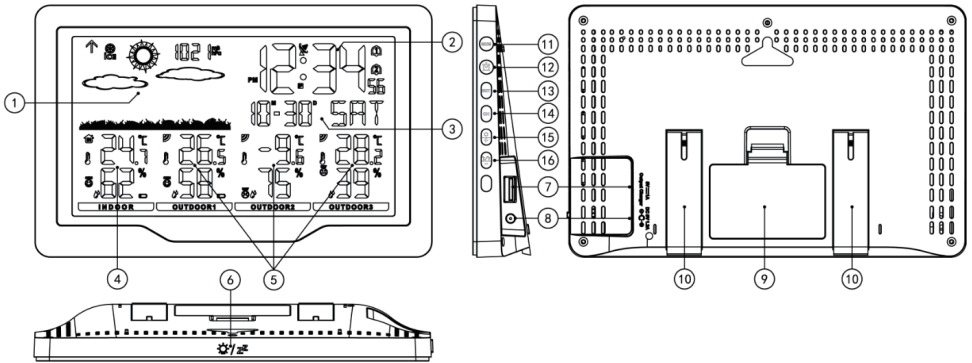
► If the weather station is powered by batteries, the brightness of the screen will be in low brightness and the brightness cannot be adjusted.

The screen of the weather station will turn off after about 15 seconds to save power.

► If you want the screen to be constantly lit and bright, or if you want to adjust it to your preferred brightness, please use the adapter to power it (cable adapter in the package).

**Note: batteries are not included in the package.**

## Appearance Description:



### RX

- ① : Weather forecast pattern and air pressure
- ② : Time
- ③ : Date and day of week
- ④ : Indoor temperature / humidity / comfort
- ⑤ : Remote sensor 1 / 2 / 3 data
- ⑥ : "☀ / ZZ" "Light/SNZ" button ,Touch field
- ⑦ : USB charger output socket
- ⑧ : Adapter input socket
- ⑨ : Battery compartment cover
- ⑩ : Stand cover

- ⑪: "MEM" button
- ⑫: "ALARM" button
- ⑬: "SET" button
- ⑭: "CH" button
- ⑮: "°C/°F" and "°C/°F" button
- ⑯: "°C/°F" and "°C/°F" button

### TX

- A1: Remote sensor temperature
- A3: Channel number
- A5: Remote sensor low battery indicate

- A2: Emission symbols
- A4: Remote sensor humidity


- B1: °C / °F unit transfer button
- B3: Channel switch

- B2: Manual transmitter button

- C1: Transmit indicating lamp
- C3: Wall mounting hole
- C5: Battery compartment

- C2: Battery compartment cover
- C4: Stand cover

## 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, then detect indoor temperature & humidity.
- ▶ Insert the output terminal of the adapter into the DC power socket on the back of the product, then insert the adapter into the AC socket, the backlight of the product will always be lit.
- ▶ 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 be displayed by a flashing reception antenna symbol  in the "OUTDOOR" display area on the receiver.
- ▶ This now, Open the remote Sensor 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" position, establish another 2 remote sensor connections.
- ▶ After receiver has created 3 remote sensor connections, 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 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 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.
- ▶ When receiving the MSF radio wave, it will automatically turn off the backlight.
- ▶ 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.

## 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 “ ” button, LCD display alarm1 time, press “ ” button again, LCD display alarm2 time, press “ ” button again, return to time display.
- ▶ Press and hold  button for 3 seconds, until the hour of the Alarm1 time starts to flash. Use the “+” and “-” buttons to set the required hour.
- ▶ Press  button to confirm your setting, the Minute of the Alarm1 time starts to flash. Use the “+” and “-” buttons to set the required minute.
- ▶ Press  button to confirm your setting, the hour of the Alarm2 time starts to flash. Use the “+” and “-”


buttons to set the required hour.

- ▶ Press  button to confirm your setting, the minute of the Alarm2 time starts to flash. Use the “+” and “-” buttons to set the required hour.
- ▶ Press  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.
- ▶ 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 “ / ZZ” 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 “ / ZZ” 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:
















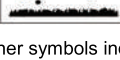
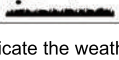
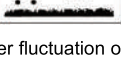
▶ The ice alert symbol  appears and flashing when the outdoor temperature at  $-1^{\circ}\text{C}$  to  $+3^{\circ}\text{C}$  or  $+30.2^{\circ}\text{F}$  to  $+37.4^{\circ}\text{F}$ .

### 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.

### Comfort Level:



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



The temperature and humidity is comfort (When the temperature in  $20\sim 28^{\circ}\text{C}$  and the humidity in 40~70%)



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

### F.Y.I.:

When the humidity in 40~70% and the temperature is not in  $20\sim 28^{\circ}\text{C}$ , 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:

- ▶ In battery powered mode, press the “**Light/SNZ**” button, the backlight illuminates for 15 seconds.
- ▶ In adapter powered mode, the backlight will be on all the time, press the “**SET**” button to adjust the brightness of the backlight.

## 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@youshiko.co.uk](mailto:service@youshiko.co.uk)

