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› Youshiko Weather Station YC9386 User Manual

## Youshiko YC9386

# Youshiko Weather Station YC9386 User Manual

Model: YC9386 | Brand: Youshiko

## INTRODUCTION

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Welcome to the user manual for your Youshiko Weather Station YC9386. This professional 5-in-1 wireless sensor weather station provides comprehensive data on wind speed and direction, rainfall, temperature, and humidity. It features a large LCD HD colour display with a Radio Control Clock (MSF UK & Ireland) for automatic time synchronization. This manual will guide you through the setup, operation, maintenance, and troubleshooting of your new weather station.

## PACKAGE CONTENTS

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- Youshiko Weather Station Console (Display Unit)
- 5-in-1 Wireless Outdoor Sensor (YC1129)
- Power Supply Unit
- Instruction Manual (this document)
- Mounting accessories for outdoor sensor



Image: The Youshiko Weather Station console (left) and the 5-in-1 wireless outdoor sensor (right).

## SETUP GUIDE

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### 1. Powering the Console

1. Connect the provided power supply unit to the weather station console.
2. Plug the power supply into a standard UK mains outlet. The console requires continuous mains power for full functionality and to maintain connection with the outdoor sensor.
3. Insert the CR2032 button cell battery (not included) into the console's battery compartment. This battery serves as a backup to preserve data and settings during brief power interruptions or when moving the unit.



Image: The power supply unit for the Youshiko Weather Station console.

## 2. Installing the 5-in-1 Outdoor Sensor

The 5-in-1 sensor measures wind speed, wind direction, rainfall, temperature, and humidity. Proper placement is crucial for accurate readings.

- **Location:** Choose an open area, free from obstructions like buildings, trees, or walls, that could block wind or rain. Ideally, the sensor should be mounted at least 1.5 meters (5 feet) above the ground.
- **Mounting:** Use the included mounting accessories to securely attach the sensor to a pole or suitable structure. Ensure it is level to guarantee accurate rainfall measurements.
- **Orientation:** Orient the wind direction vane correctly, typically pointing North, as indicated in the sensor's instructions.
- **Batteries:** Insert the required batteries (type not specified in product details, typically AA or AAA) into the outdoor sensor's battery compartment. Ensure the compartment is sealed to protect against weather.



Image: Visual guide demonstrating the installation steps for the 5-in-1 outdoor sensor.

### **3. Synchronizing Console and Sensor**

Once both units are powered, the console will automatically attempt to connect with the 5-in-1 outdoor sensor via 868 MHz RF transmission. This process may take a few minutes. Ensure both units are within range (up to 150m / 450ft in open air).

- If connection is not established, ensure the sensor batteries are fresh and correctly inserted.
- Press the 'Scan' or 'Search' button on the console (refer to specific button layout on your device) to manually initiate a search for the sensor.

### **4. Radio Control Clock (RCC) Setup**

The YC9386 features an MSF (UK & Ireland) Radio Control Clock for automatic time synchronization. This eliminates the need for manual time setting and automatically adjusts for daylight saving time.

- Upon initial power-up, the console will automatically search for the MSF signal from Cumbria, UK.
- Place the console near a window or in an area with good signal reception. Avoid placing it near electronic devices that may cause interference.
- Synchronization can take several hours. If the time does not set automatically, try moving the console to a different location.

**Radio Control UK version Colour changing weather station  
with 5-in-1 professional sensor  
Colour changing weather station (YC9386)**

- TRUE BLACK professional display for time & full weather information
  - Receive weather data from 5-in-1 weather sensor (YC1129) via 868 MHz RF transmission
  - Display time, calendar, weekday
  - RCC time sync & DST Auto/Off function ( MSF / UK Version Radio Control )
  - Buzzer alarm clock with ice pre-alert function
  - 3-mode for backlight colour changing:
    - (1) LOOP: auto-loop between 256 colour
    - (2) RAINBOW: select 7+1 rainbow colour manually
    - (3) OUTDOOR TEMP: colour auto-changed by outdoor temperature
  - Indoor temperature (°C/°F) & humidity with comfort indication
  - Outdoor temperature (°C/°F) and humidity reading
  - Gust or Average wind speed (mph, m/s, km/h, knots)
  - Real time & dominant wind direction (16-direction)
  - Rain rate, Daily, Weekly, Monthly rainfall (in/ mm)
  - Weather forecast (sunny, partly cloudy, cloudy, rainy, stormy, snowy)
  - Barometric pressure in relative or absolute readings (hPa, inHg, mmHg)
  - Historical bar chart display for rainfall (past 5 days) or pressure change (past 1,3,6,12,24 hour)
  - Weather index for indoor dew-point, Wind chill, heat index
  - Max/Min memory records with time-date stamps
  - Past 24hr hourly record
  - Hi/Lo alert setting (indoor/ outdoor temperature & humidity)
  - Hi alert setting (wind-speed, and daily rainfall)
  - Flashing indicator and LED indicator for weather alert
  - 3-mode brightness: Hi / Lo / Off
  - 5 languages for weekday (EN/ FR/ DE/ ES/ IT)
  - Complete Weather station comes with : 1 x professional 5-in-1 Sensor / 1 x Console ( Display unit with UK power Supply ) .
  - Wall mount/ desktop usage
- 5-in-1 weather sensor (YC1129)
- Weather sensor include: Temperature, humidity, wind speed, wind direction, rain gauge
  - Long-range transmission with up to 150m (450 ft.)

**Comes with one year UK warranty & after sales service.**

### Display Overview

The YC9386 console features a large, high-definition colour LCD display that presents all weather data clearly.

# RADIO CONTROL SYSTEMS

There are two signal types in Europe

**MSF for UK and Ireland**

**For use within the UK and Ireland is MSF, transmitters are located in Cumbria (UK)**

and

**DCF-77 for rest of EU**

**For rest of Europe is (DCF-77) (EU) transmitters located in Mainflingen, about 25 km south-east of Frankfurt (Germany)**

Please choose the right Radio control system for your location

For more information please see on the following links:

<http://www.npl.co.uk/science-technology/time-frequency/products-and-services/time/msf-radio-time-signal>

<http://en.wikipedia.org/wiki/DCF77>

Image: The main display of the Youshiko Weather Station console, showing various weather parameters with blue text.

### Backlight Colour Modes

The display offers three backlight colour modes for enhanced viewing experience:

- **LOOP:** Automatically cycles through 256 different colours.
- **RAINBOW:** Allows manual selection of 7+1 rainbow colours.
- **OUTDOOR TEMP:** The display colour changes automatically based on the outdoor temperature.



Image: Console display showing green text, demonstrating one of the color modes.



Image: Console display showing orange text, demonstrating another color mode.

## Key Displayed Information

- **Time & Date:** Radio-controlled time (MSF UK & Ireland), weekday, and moon phase.
- **Indoor Conditions:** Temperature (°C/°F), humidity with comfort indicator, and dew-point display.
- **Outdoor Conditions:** Temperature (°C/°F), humidity with wind-chill temperature, and heat-index display.
- **Wind Data:** Wind speed (mph, m/s, km/h, knots), gust or average wind speed, and dominant wind direction (16-direction).
- **Rainfall:** Rain rate, daily, weekly, and monthly rainfall (in/mm).
- **Barometric Pressure:** Relative or absolute readings (hPa, inHg, mmHg) with a historical bar chart display for past 24 hours, 5 days, or pressure change.
- **Weather Forecast:** Icons indicating sunny, partially cloudy, cloudy, rainy, stormy, or snowfall.
- **Memory Records:** Maximum/Minimum records with time and date stamps, and past 24 hours history data hourly.
- **Alerts:** Hi/Lo alert settings for temperature and barometric pressure, with flashing indicator and LED for weather alerts.
- **Alarm Clock:** Buzzer alarm clock with ice pre-alert function.

## Console Buttons

The console features several buttons for navigation and settings adjustment. Refer to the specific button labels on your device for their functions, typically including:

- **COLOR:** To change backlight colour modes (LOOP, RAINBOW, OUTDOOR TEMP).
- **DISPLAY:** To cycle through different display views or information.
- **MODE/SET:** To enter settings menus or confirm selections.
- **UP/DOWN Arrows:** To adjust values or navigate menus.

## MAINTENANCE

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### Console Care

- Clean the display and console casing with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- Keep the console in a dry environment, away from direct sunlight and extreme temperatures.
- Ensure the CR2032 backup battery is replaced periodically (e.g., annually) to maintain data integrity during power outages.

## Outdoor Sensor Care

- Periodically check the 5-in-1 sensor for debris (leaves, dirt) that might obstruct the wind cups, wind vane, or rain collector. Clean gently if necessary.
- Ensure the rain collector funnel is clear of obstructions.
- Inspect the sensor's mounting for stability, especially after strong winds.
- Replace the sensor batteries (type not specified, typically AA or AAA) as needed, usually when the console indicates low battery for the outdoor unit or readings become intermittent. Ensure the battery compartment is securely sealed after replacement.
- Avoid exposing the temperature sensor directly to sunlight, as this can lead to higher than actual temperature readings. While the sensor is designed for outdoor use, consider its placement to minimize direct solar radiation.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
No outdoor sensor data on console.	<ul style="list-style-type: none"> <li>• Sensor batteries low or dead.</li> <li>• Sensor out of range or obstructed.</li> <li>• Interference from other electronic devices.</li> <li>• Console lost connection.</li> </ul>	<ul style="list-style-type: none"> <li>• Replace sensor batteries.</li> <li>• Move sensor closer to console or clear obstructions.</li> <li>• Relocate console or sensor away from interference sources.</li> <li>• Press the 'Scan' or 'Search' button on the console to re-establish connection.</li> </ul>
Radio Control Clock (RCC) not setting time.	<ul style="list-style-type: none"> <li>• Poor signal reception.</li> <li>• Interference.</li> </ul>	<ul style="list-style-type: none"> <li>• Move console to a window or different location with better reception.</li> <li>• Ensure console is not near large metal objects or other electronics.</li> <li>• Allow several hours for synchronization.</li> </ul>
Inaccurate temperature readings.	<ul style="list-style-type: none"> <li>• Outdoor sensor in direct sunlight.</li> <li>• Sensor near heat source (e.g., wall, concrete).</li> </ul>	<ul style="list-style-type: none"> <li>• Relocate outdoor sensor to a shaded area.</li> <li>• Ensure adequate airflow around the sensor.</li> </ul>
Inaccurate wind or rain readings.	<ul style="list-style-type: none"> <li>• Obstructions to wind cups/vane or rain collector.</li> <li>• Sensor not level (for rain).</li> </ul>	<ul style="list-style-type: none"> <li>• Clear any debris from the sensor.</li> <li>• Ensure the sensor is mounted perfectly level.</li> </ul>

## SPECIFICATIONS



Image: The Youshiko Weather Station console and 5-in-1 sensor, illustrating their approximate dimensions.

Feature	Detail
Model Number	YC9386
Display Type	LCD Colour Display
Outdoor Sensor	5-in-1 Professional Sensor (YC1129)
Wireless Frequency	868 MHz RF Transmission
Wireless Range	Up to 150m (450ft) in open area
Power Source (Console)	Mains Power Supply
Backup Battery (Console)	1 x CR2032 (not included)
Measurement Accuracy (Temperature)	+/- 1°C
Product Dimensions (Console)	16.8 x 14.3 x 16.8 cm (approx.)
Item Weight	1.85 kg (total package)
Material	Acrylonitrile Butadiene Styrene (ABS)
Special Features	Radio Control Clock (MSF UK & Ireland), Weather Forecast, Max/Min Records, Alerts, Buzzer Alarm

## WARRANTY AND SUPPORT

Your Youshiko Weather Station YC9386 comes with a one-year UK warranty and dedicated after-sales service from Youshiko.

For technical assistance, troubleshooting not covered in this manual, or warranty claims, please contact Youshiko

customer support directly. You can find contact information on the official Youshiko website or through your purchase platform.

For more information on Youshiko products, please visit the official Youshiko store:[www.amazon.co.uk/youshiko](http://www.amazon.co.uk/youshiko)

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