

VOCOO 6202B

VOCOO Indoor Outdoor Thermometer Hygrometer

MODEL 6202B USER MANUAL

1. Introduction

Thank you for choosing the VOCOO Indoor Outdoor Thermometer Hygrometer. This device provides accurate and real-time measurements of indoor and outdoor temperature and humidity, along with additional features such as a clock, date display, and comfort indicator. Please read this manual carefully before use to ensure proper operation and maintenance.

2. Package Contents

Verify that all items listed below are included in your package:

- 1 x Digital Thermometer Hygrometer (Main Unit)
- 1 x Wireless Remote Sensor
- 1 x User Manual
- 4 x AAA Batteries



Figure 2.1: Package Contents

3. Product Features

- High Accuracy and Fast Updates:** Enjoy precise and current measurements with updates every 10 seconds. Indoor temperature range: -10°C to 60°C (14°F to 140°F). Outdoor temperature range: -10°C to 60°C (14°F to 140°F). Humidity range: 10% to 95% RH. Temperature accuracy: $\pm 1^\circ\text{C}$. Humidity accuracy: $\pm 3\text{-}5\%$ RH.
- Large LCD Display with Backlight:** The 3.7-inch LCD screen provides clear readings from a distance. Touch the light icon to activate the backlight for 15 seconds, ideal for dark environments.
- Multifunctional Design:** Easily monitor temperature and humidity. Features include $^\circ\text{C}/^\circ\text{F}$ switchable display, 12/24-hour date display, comfort indicator, temperature and humidity trend arrows, and a low battery symbol.
- Max/Min Records and Trend Arrows:** The device records and displays the maximum and minimum temperature and humidity over the past 24 hours. Trend arrows indicate whether conditions are warming, cooling, or becoming more humid.
- Wireless Transmission Range:** Equipped with a built-in sensor and one wireless remote sensor, this weather station seamlessly transmits indoor and outdoor temperature and humidity data up to 100 meters (328 feet) in open areas.

Multi-function Wireless Thermometer



Figure 3.1: Main Display Unit with Features

LCD Screen With Backlight

Backlight on for 15S



Figure 3.2: LCD Backlight in Use

Wireless Remote Sensor



Max Transmission Distance (Non-wall penetration distance) :
328FT/100M

Figure 3.3: Wireless Remote Sensor

4. Setup

4.1 Battery Installation

1. Open the battery compartment cover on the back of both the main unit and the remote sensor.
2. Insert 2 AAA batteries into the main unit and 2 AAA batteries into the remote sensor, observing the correct polarity (+/-).
3. Close the battery compartment covers securely.



4.2 Sensor Placement

For optimal performance, consider the following when placing the remote sensor:

- **Avoid Direct Sunlight:** Direct sunlight can cause inaccurate temperature readings.
- **Protect from Rain:** While the sensor has an IPX4 waterproof rating, prolonged exposure to heavy rain should be avoided. Place it under an overhang or in a sheltered location.
- **Vent Downward:** Ensure the transmitter vent faces downward to prevent water accumulation.
- **Within Range:** Place the sensor within 100 meters (328 feet) of the main unit, minimizing obstructions like thick walls or large metal objects.



Figure 4.2: Remote Sensor Placement Guidelines

5. Operation

5.1 Initial Power On

After installing batteries, the main unit will automatically power on and begin searching for the remote sensor. The outdoor temperature and humidity will appear once a connection is established.

5.2 Display Overview

The LCD screen displays indoor and outdoor temperature, indoor and outdoor humidity, current time, date, and comfort level indicators.



Figure 5.1: Detailed Display View

5.3 Temperature Unit Selection (°C/°F)

Press the designated button (usually labeled °C/°F or similar) on the main unit to switch between Celsius and Fahrenheit temperature displays.



Figure 5.2: Celsius/Fahrenheit Switch

5.4 Backlight Activation

Tap the light icon on the display to activate the backlight. It will remain on for approximately 15 seconds before automatically turning off.

5.5 Max/Min Records

The device automatically records the highest and lowest temperature and humidity readings over the last 24 hours. Press the 'MAX/MIN' button to view these records. Press again to cycle through current, maximum, and minimum values.

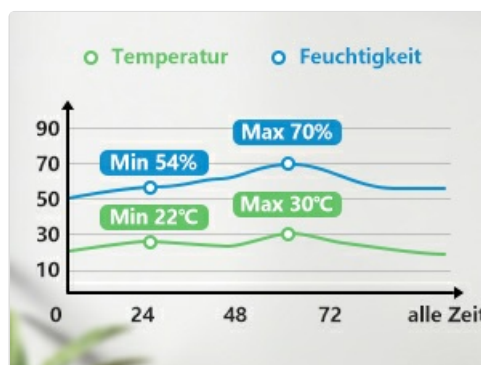


Figure 5.3: Temperature and Humidity Trends

5.6 Time and Date Setting

Refer to the specific buttons on your device (usually 'SET' or 'MODE' combined with '+' and '-' buttons) to adjust the time and date. Follow the on-screen prompts to set the 12/24-hour format, hour, minute, year, month, and day.

6. Maintenance

6.1 Battery Replacement

When the low battery symbol appears on the display, replace the batteries in both the main unit and the remote sensor with new AAA batteries to ensure continuous and accurate operation.

6.2 Cleaning

Wipe the device and sensor with a soft, damp cloth. Do not use abrasive cleaners or immerse the units in water.

7. Troubleshooting

- **No Outdoor Reading:**
 - Ensure batteries are correctly installed in the remote sensor.
 - Check if the remote sensor is within the 100m (328ft) transmission range of the main unit.
 - Reduce obstructions between the sensor and the main unit.
 - Try re-pairing the sensor by removing and reinserting batteries in both units.
- **Inaccurate Readings:**
 - Ensure the remote sensor is not in direct sunlight or exposed to extreme heat sources.
 - Allow both units to stabilize for 15-30 minutes after initial setup or relocation.
- **Display is Dim or Blank:**
 - Replace the batteries in the main unit.

8. Specifications

Model Number	6202B
Brand	VOCOO
Color	Black
Indoor Temperature Range	-10°C to 60°C (14°F to 140°F)
Outdoor Temperature Range	-10°C to 60°C (14°F to 140°F)
Temperature Accuracy	±1°C
Humidity Range	10% to 95% RH
Humidity Accuracy	±3-5% RH
Update Interval	10 seconds
Wireless Transmission Range	Up to 100m (328ft) in open area

Remote Sensor Waterproof Level	IPX4
Battery Type	AAA (4 included)
Country of Origin	China

9. Warranty and Support

VOCOO products are designed for reliability and performance. For any questions, technical support, or warranty claims, please contact VOCOO customer service through the retailer where you purchased the product or visit the official VOCOO website for contact information. Please retain your proof of purchase for warranty purposes.