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> ORIA Weather Station, Wireless Indoor Outdoor Thermometer with Clock, Wireless Temperature and Humidity Gauge Monitor with 5 Weather Forecasts, Alarm, Snooze, Time, Date, for Home, Garden, Hotel User Manual

ORIA TS-FT006

ORIA Weather Station User Manual

Model: TS-FT006

1. INTRODUCTION

Thank you for choosing the ORIA Wireless Indoor Outdoor Thermometer Weather Station. This device is designed to provide accurate indoor and outdoor temperature and humidity readings, along with a 12-24 hour weather forecast, time, date, and alarm functions. Its user-friendly design and reliable performance make it an essential tool for monitoring your environment.

2. PACKAGE CONTENTS

Please check the package contents to ensure all items are present and in good condition:

- 1 x Main Display Unit (Host)
- 1 x Wireless Outdoor Sensor (Transmitter)
- 1 x User Manual
- 1 x 1.5m USB Cable



Figure 2.1: Contents included in the ORIA Weather Station package.

3. PRODUCT OVERVIEW

The ORIA Weather Station consists of two main components: the main display unit and the wireless outdoor sensor.



Figure 3.1: The main display unit and the wireless outdoor sensor.

3.1 Main Display Unit

The main display unit features a large LCD screen that shows indoor and outdoor temperature and humidity, weather forecasts, time, date, and alarm settings. It has control buttons on the side for setting and adjusting various functions.

EASY TO READ

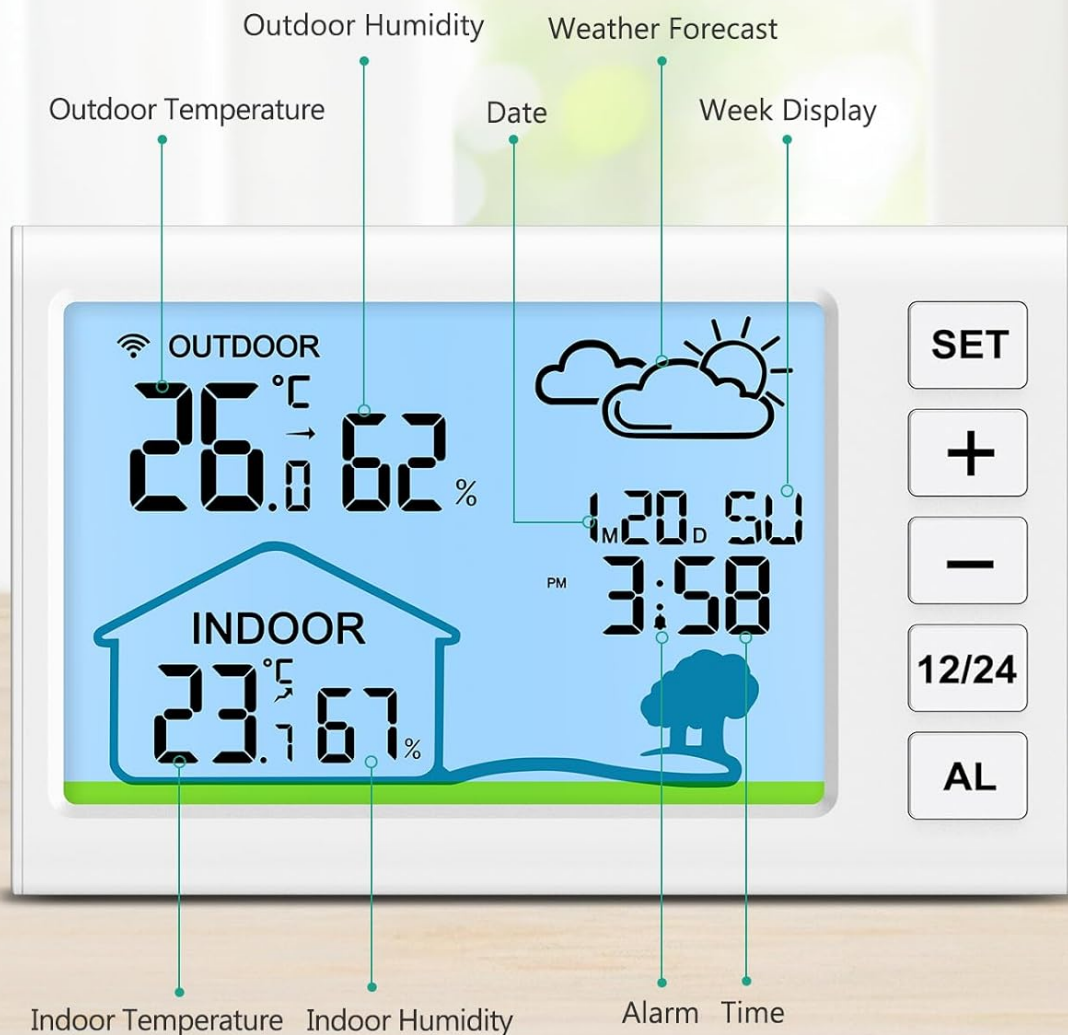


Figure 3.2: Labeled display of the main unit, indicating various data points.

3.2 Wireless Outdoor Sensor

The compact outdoor sensor wirelessly transmits temperature and humidity data to the main display unit. It is designed for outdoor use and has its own small display for local readings.

4. SETUP

4.1 Power Supply

The main display unit offers two power supply options, while the outdoor sensor is battery-powered:

- **Main Display Unit:** Can be powered by the included 1.5m USB cable (for continuous backlight) or 3 x AAA batteries (not included). When powered by batteries, the screen backlight turns off after 10 seconds of inactivity to conserve power.
- **Wireless Outdoor Sensor:** Requires 2 x AAA batteries (not included).

DUAL POWER SUPPLY

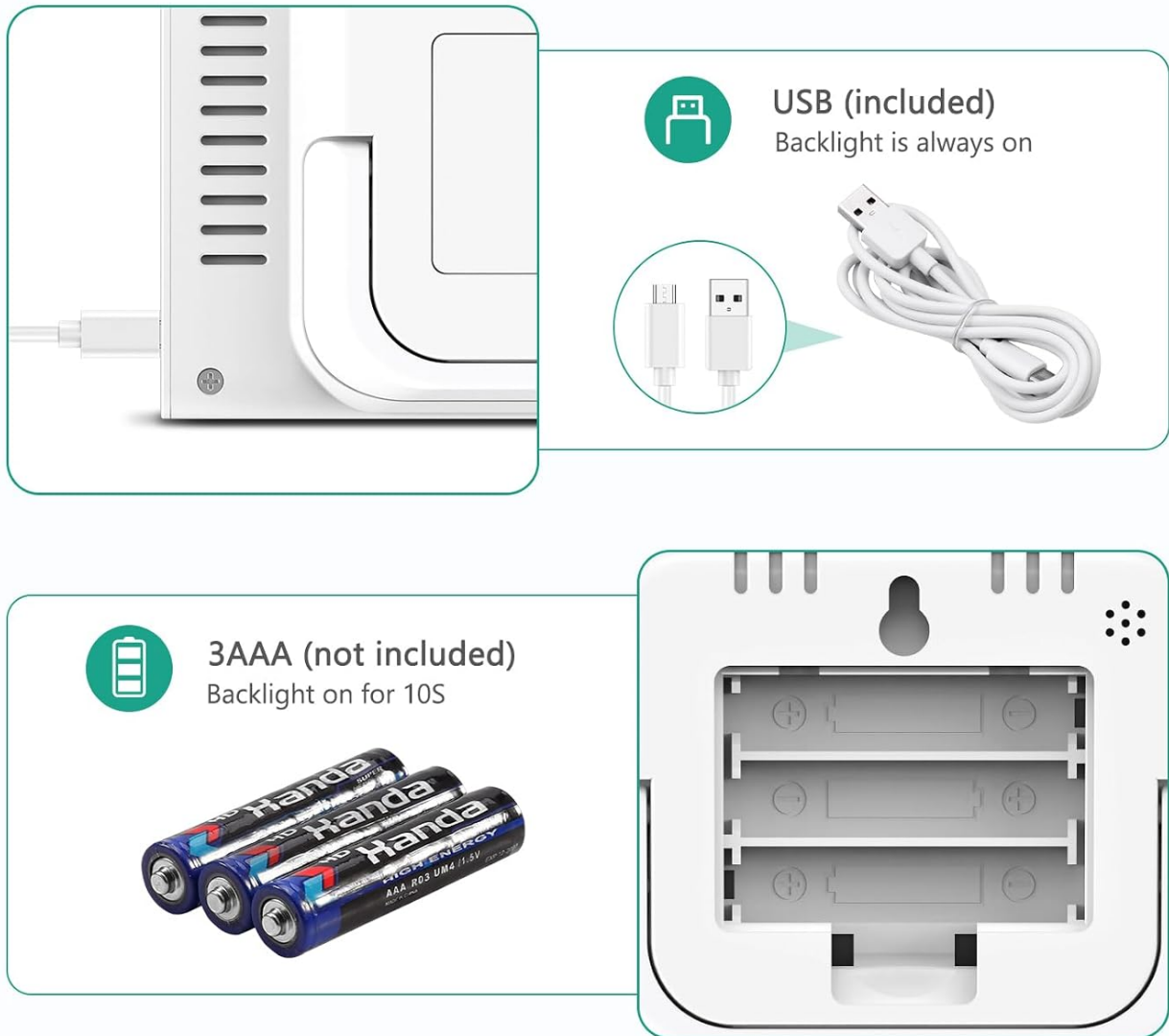


Figure 4.1: Power supply options for the main unit and outdoor sensor.

4.2 Initial Setup and Pairing

1. Insert 2 x AAA batteries into the wireless outdoor sensor, observing polarity.
2. Insert 3 x AAA batteries into the main display unit, or connect the USB cable to a power source.
3. The main unit will automatically search for and pair with the outdoor sensor. This process may take a few minutes. Ensure both units are within range (up to 328FT/100M in open air).
4. Once paired, the outdoor temperature and humidity will appear on the main display unit.

4.3 Sensor Placement

For optimal performance, place the outdoor sensor in a shaded area, away from direct sunlight and precipitation, to ensure accurate readings. The maximum transmission distance is 328 feet (100 meters) in an open area. Avoid placing it near large metal objects or electrical appliances that may interfere with the wireless signal.

WIRELESS REMOTE SENSOR

Max transmission distance: 328FT/100M

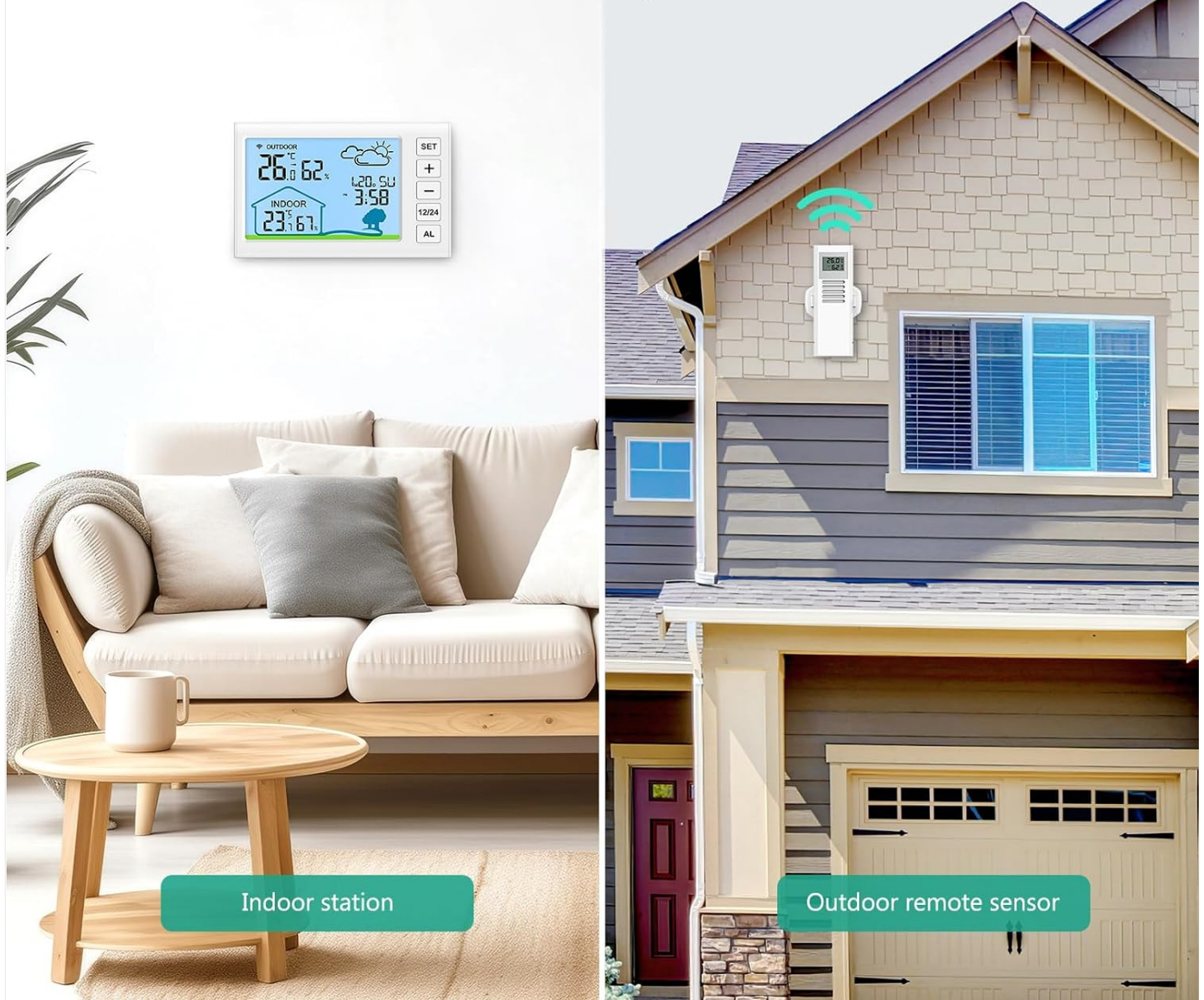


Figure 4.2: Recommended placement for the indoor unit and outdoor sensor.

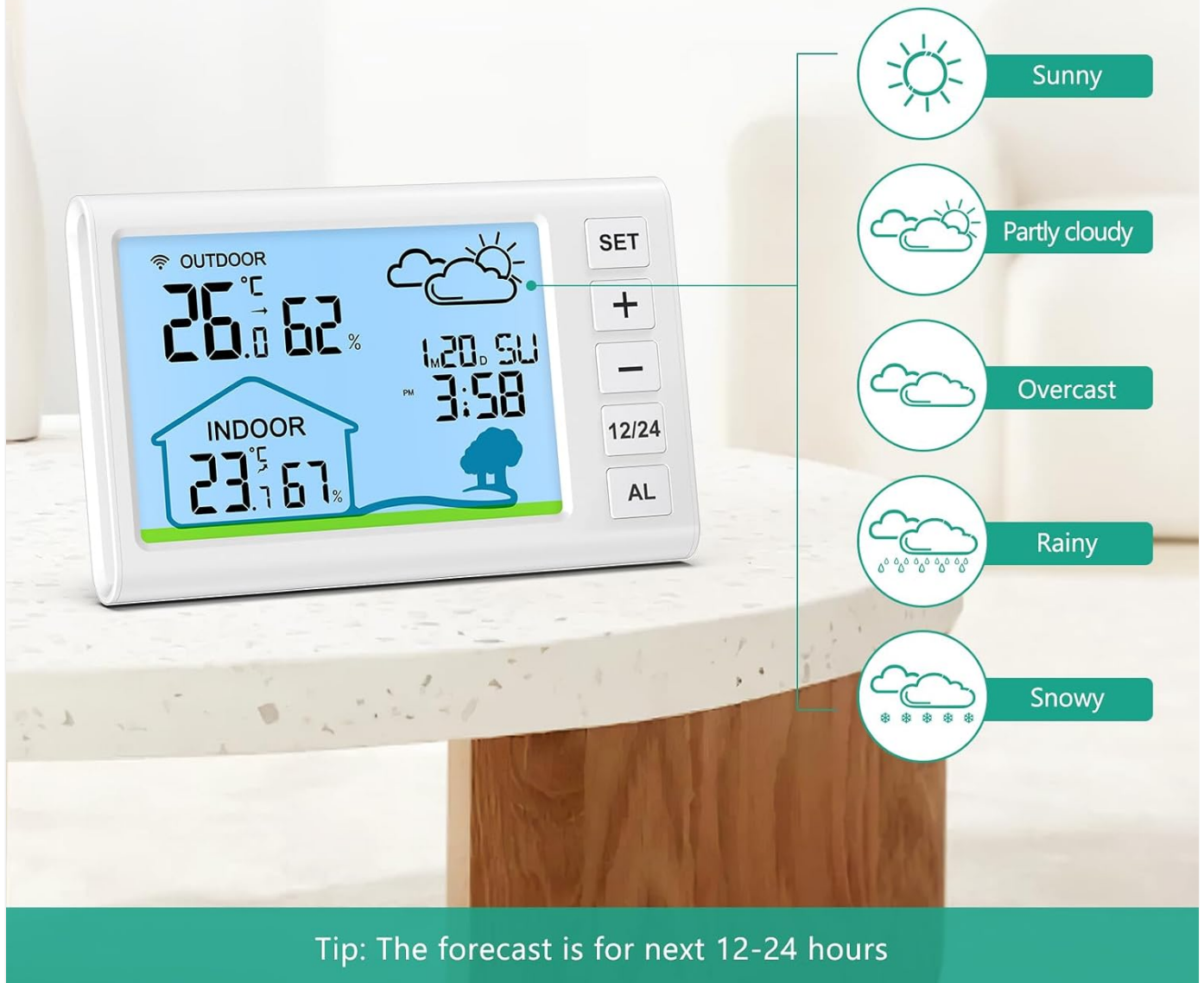
5. OPERATING INSTRUCTIONS

5.1 Display Information

The main display unit provides a comprehensive overview of environmental data:

- **Outdoor Temperature & Humidity:** Displays current readings from the wireless sensor.
- **Indoor Temperature & Humidity:** Displays current readings from the main unit's built-in sensors.
- **Weather Forecast:** Predicts weather for the next 12-24 hours using 5 distinct icons (Sunny, Partly Cloudy, Overcast, Rainy, Snowy).
- **Time, Date, Day of Week:** Shows current time, calendar date, and day of the week.
- **MAX/MIN Values:** Records and displays the maximum and minimum indoor/outdoor temperature and humidity for the day, automatically clearing at 0:00 daily.
- **Low Battery Indicator:** Icons on both the host and transmitter indicate low battery status.

WEATHER FORECAST



Tip: The forecast is for next 12-24 hours

Figure 5.1: Weather forecast icons and their meanings.

5.2 Setting Time and Date

1. Press the **SET** button to enter time setting mode.
2. Use the **+** and **-** buttons to adjust the values.
3. Press **SET** again to confirm and move to the next setting (e.g., Hour → Minute → Year → Month → Day).
4. Press the **12/24** button to switch between 12-hour and 24-hour time formats.

5.3 Setting Alarm and Snooze

1. Press the **AL** button to view the alarm time.
2. Press and hold the **AL** button to enter alarm setting mode.
3. Use the **+** and **-** buttons to adjust the alarm hour and minute.
4. Press **AL** again to confirm.
5. When the alarm sounds, press the **AL** button to activate the 5-minute snooze function.

Alarm Clock & Snooze Function

Press the **AL** button to sleep for 5 more minutes



Figure 5.2: Activating the snooze function by pressing the AL button.

5.4 Switching Temperature Units (°C/°F)

To switch between Celsius (°C) and Fahrenheit (°F), press the **+** button on the side of the main display unit.

5.5 Backlight Function

The backlight behavior depends on the power source:

- When powered by USB cable, the backlight remains continuously on.
- When powered by AAA batteries, the backlight will turn off after 10 seconds of inactivity to save power. Press any button to activate it again.

6. SPECIFICATIONS

Feature	Specification
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Feature	Specification
Indoor Temperature Range	-9.9°C to 50°C (14°F to 122°F)
Outdoor Temperature Range	-50°C to 70°C (-58°F to 158°F)
Temperature Accuracy	+/-1°C (+/-1.8°F)
Humidity Range	20 to 95%RH
Humidity Accuracy	+/-5%RH
Max Transmission Distance	328FT / 100M (open air)
Main Unit Power Supply	USB Cable (included) or 3 x AAA Batteries (not included)
Transmitter Power Supply	2 x AAA Batteries (not included)
Connectivity Technology	Radio Frequency (RF)
Color	White
Dimensions (Main Unit)	5.3 x 2.3 inches (approx. 13.5 x 8.4 cm)
Dimensions (Transmitter)	2 x 4.1 inches (approx. 5 x 10.5 cm)

High Precision & High Sensitivity

- Indoor temp range: -9.9°C - 50°C / 14°F - 122°F
- Outdoor temp range: -50°C - 70°C / -58°F - 158°F
- Temp accuracy: $\pm 1^{\circ}\text{C}$ ($\pm 1.8^{\circ}\text{F}$)
- Humidity range: 20-95%RH
- Humidity accuracy: $\pm 5\%$ RH

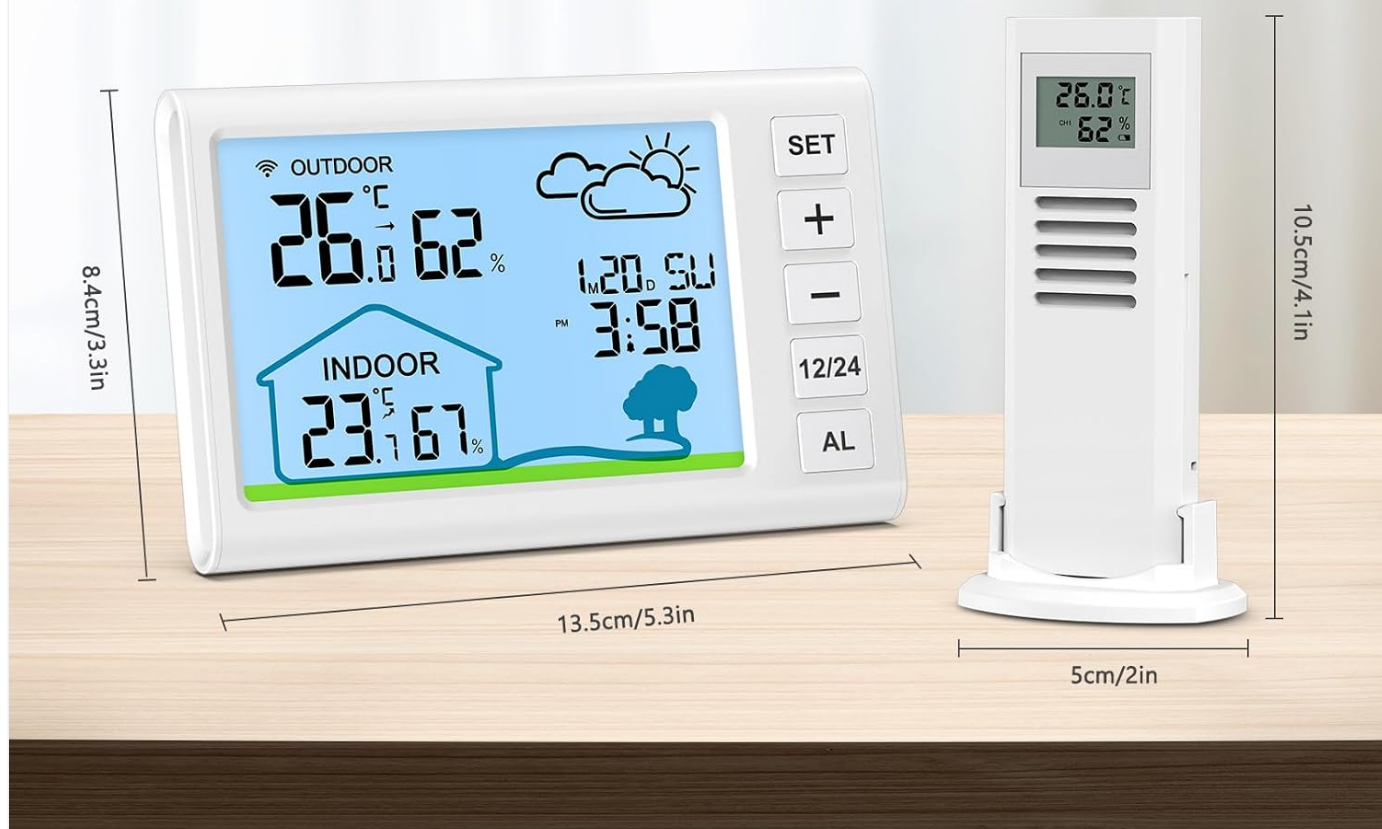


Figure 6.1: Key specifications and dimensions of the ORIA Weather Station components.

7. MAINTENANCE

- **Cleaning:** Wipe the units with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** Replace batteries in both units when the low battery indicator appears on the display. Ensure correct polarity.
- **Storage:** If storing the device for an extended period, remove all batteries to prevent leakage.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No outdoor reading on main unit	Sensor not paired or out of range; Low sensor battery	Ensure sensor batteries are fresh and correctly inserted. Bring sensor closer to the main unit. Re-pair if necessary (refer to Initial Setup).
Inaccurate readings	Sensor exposed to direct sunlight/rain; Poor ventilation	Relocate outdoor sensor to a shaded, well-ventilated area. Ensure indoor unit is not near heat sources or vents.
Display is dim or blank	Low main unit battery; USB cable disconnected	Replace main unit batteries or connect USB cable for continuous power.
Weather forecast seems incorrect	Forecast is based on atmospheric pressure changes over 12-24 hours, not real-time weather.	This is normal operation. The forecast is a prediction based on pressure trends, not a live observation. Allow time for the unit to learn local pressure patterns.

9. WARRANTY AND SUPPORT

The ORIA Weather Station comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions. For technical support, troubleshooting assistance, or warranty claims, please contact ORIA customer service through the retailer's platform or the official ORIA website.

