Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

HAOYAO HAOYAO

HAOYAO Wireless Weather Station User Manual

Model: HAOYAO

1. Introduction

Thank you for choosing the HAOYAO Wireless Weather Station. This device provides accurate indoor and outdoor temperature and humidity readings, barometric pressure trends, and weather forecasts. It also includes a perpetual calendar, alarm clock with snooze, moon phase display, and sunrise/sunset times. This manual will guide you through the setup, operation, and maintenance of your new weather station.

2. Key Features

- DCF Wireless Time Control for automatic time synchronization.
- Perpetual Calendar up to 2099 with Day of the Week in 7 languages (English, German, Italian, French, Spanish, Dutch, Danish).
- Time display in 12-hour or 24-hour format.
- Two Daily Alarms with Automatic Snooze Function (OFF or 5-60 minutes).
- Sunrise and Sunset Times (city selectable).
- Moon Phases and Tide Display.
- **Humidity Measurement:** Indoor and Outdoor range: 20% RH ~ 95% RH.
- **Temperature Measurement:** Indoor range: -9.9°C (20°F) to 50°C (122°F). Outdoor range: -40°C (104°F) to 70°C (154°F).
- Temperature display in Celsius (°C) or Fahrenheit (°F).
- Outdoor Thermometer Alarm and Frost Warning.
- Min/Max display for humidity and temperature records.
- Home Comfort Display and Mold Risk Indicator.
- **Wireless Outdoor Sensor:** Wall mount or table stand, 433.92 MHz transmission frequency, 60-meter range in open terrain. Supports up to 3 external sensors (one included).
- **Barometric Pressure:** Range: 600 hPa/mb to 1100 hPa/mb (17.72 inHg to 32.50 inHg). Display in hPa/mb or inHg. Graphical display of 24-hour historical barometric pressure trend.

- **Weather Forecast Function:** Predicts weather for the next 12 hours (Sunny, Slightly Cloudy, Cloudy, Rainy, Snowy) based on barometric pressure trends.
- High accuracy with integrated smart sensor for precise and rapid monitoring.

3. Package Contents

Upon opening the package, please ensure all the following items are present and in good condition:

- 1 x HAOYAO Wireless Weather Station (Main Unit)
- 1 x Wireless Outdoor Sensor
- 1 x Power Adapter (DC 5V 1.2A)
- 1 x User Manual (English)
- 1 x Retail Box

4. Setup

4.1 Powering the Devices

The weather station and the wireless sensor require power to operate. Please follow these steps:

1. **Wireless Outdoor Sensor:** Open the battery compartment on the back of the sensor. Insert 2 x LR6 AA batteries (not included), ensuring correct polarity (+/-). Close the compartment.
2. **Weather Station (Main Unit):** You have two power options:
    - **Using the Power Adapter:** Connect the included DC 5V 1.2A power adapter to the DC power supply socket on the back of the weather station, then plug it into a wall outlet.
    - **Using Batteries:** Open the battery compartment on the back of the weather station. Insert 2 x LR6 AA batteries (not included), ensuring correct polarity (+/-). Close the compartment. Note: Using batteries alone may limit backlight functionality.

Important: It is recommended to power the outdoor sensor first, then the main unit, to facilitate automatic pairing.



Figure 4.1: The weather station can be powered via DC adapter, USB (cable not included), or 2xAA batteries. The outdoor sensor uses 2xAA batteries.

4.2 Sensor Pairing

Once both devices are powered, the main unit will automatically attempt to connect with the outdoor sensor. The outdoor temperature and humidity readings should appear on the main unit's display. If the connection is not established within a few minutes, try the following:

- Ensure the sensor is within the 60-meter transmission range of the main unit and away from major sources of interference (e.g., large metal objects, other wireless devices).
- Press the 'TX' button inside the outdoor sensor's battery compartment to force a signal transmission.
- On the main unit, press and hold the 'CHANNEL' button (or similar, refer to specific button layout) to initiate a manual search for the sensor.

4.3 Placement

Optimal placement is crucial for accurate readings and reliable wireless communication.

- **Main Unit:** Place the weather station indoors on a flat surface using its integrated table stand, or mount it on a wall using the keyhole slot on the back. Choose a location away from direct sunlight, heat sources, or drafts that could affect indoor temperature readings.
- **Outdoor Sensor:** Place the outdoor sensor in a shaded area, protected from direct rain and sunlight, to ensure accurate temperature and humidity readings. Avoid placing it near metal structures or large electrical appliances that could interfere with the wireless signal. The sensor can be wall-mounted or placed on a flat surface.



Figure 4.2: The weather station can be placed on a table using its stand or mounted on a wall.

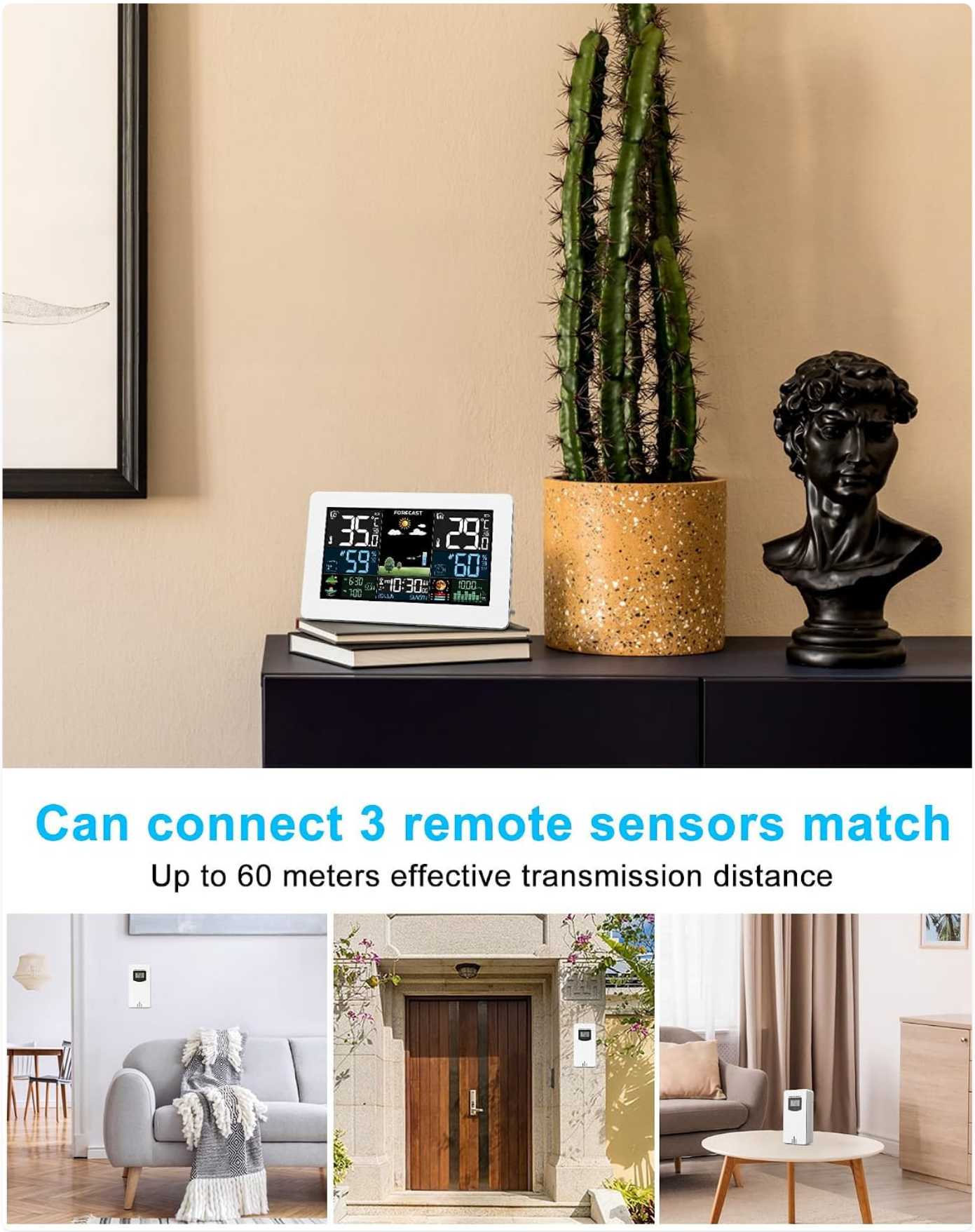


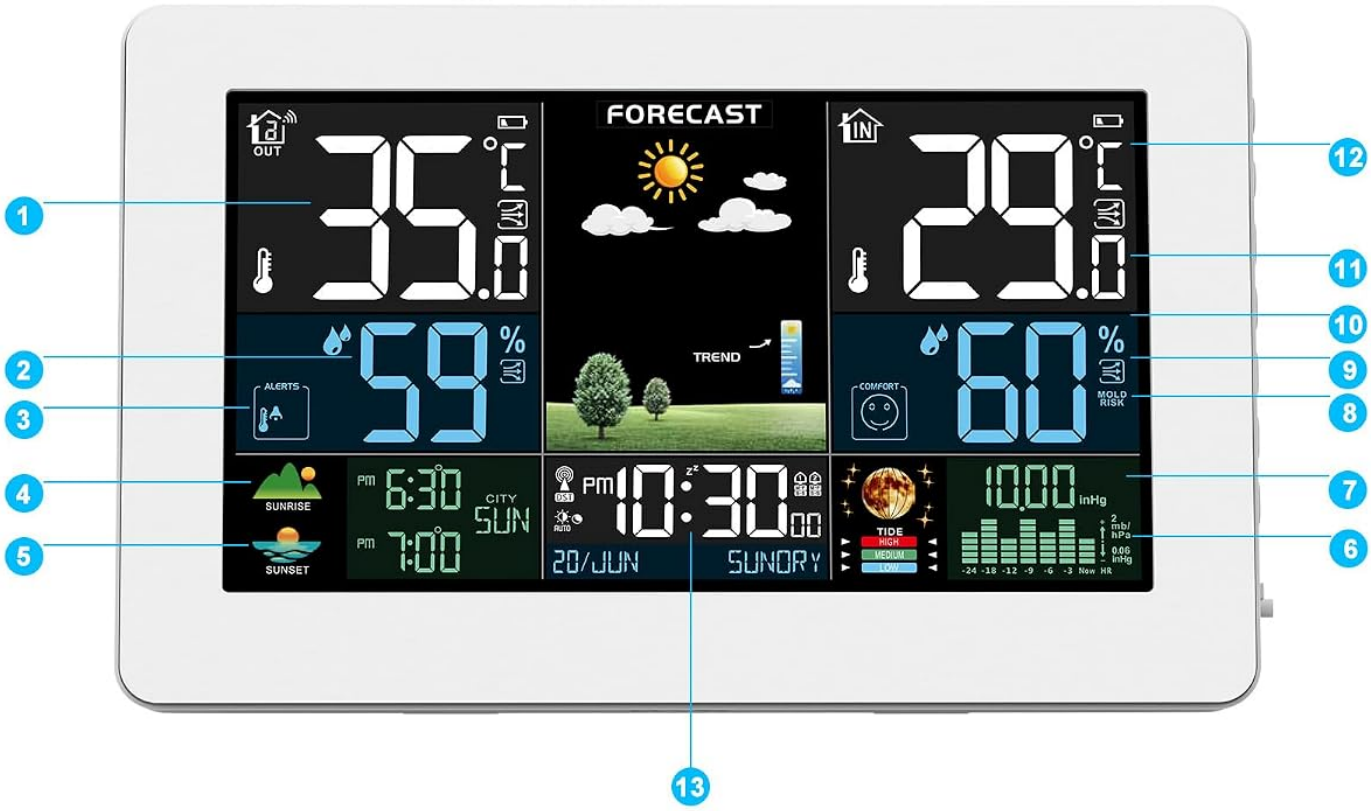
Figure 4.3: The wireless sensor can be placed up to 60 meters away from the main unit, allowing flexible placement in various environments.

5. Operating Instructions

The weather station features a clear 7.5-inch LCD HD color screen that displays various data points simultaneously. Refer to the diagram below for an overview of the display components.



Figure 5.1: The weather station features a 7.5-inch LCD HD color screen for clear data display.



1 Outdoor Temperature
2 Outdoor Humidity
3 Alert of outdoor Temperature
4 Sunrise Time
5 Sunset Time
6 Histogram of historical perssure trends
7 Atmospheric pressure
8 Mold Risk of indoor
9 Indoor Humidity
10 Comfort Index of indoor
11 Indoor Temperature
12 Weather forecast
13 date,time

Figure 5.2: Labeled display components of the HAOYAO Wireless Weather Station.

5.1 Time and Date Settings

The weather station supports DCF wireless time control for automatic synchronization. If DCF signal is not available or you prefer manual setting:

- Press and hold the 'SET' button to enter time setting mode.

- Use the '+' or '-' buttons to adjust values (e.g., hour, minute, year, month, day).
- Press 'SET' again to confirm each setting and move to the next.
- Select 12/24 hour format and day of the week language (English, German, Italian, French, Spanish, Dutch, Danish).

5.2 Alarm and Snooze Function

The weather station has two daily alarms and a snooze function.

- Press the 'ALARM' button to view alarm times.
- Press and hold 'ALARM' to enter alarm setting mode. Adjust hour and minute using '+' or '-' buttons.
- To activate/deactivate an alarm, press 'ALARM' repeatedly until the alarm icon appears/disappears.
- When the alarm sounds, press any button (except 'SNOOZE/LIGHT') to stop it, or press 'SNOOZE/LIGHT' to activate snooze (5-60 minutes, configurable).

5.3 Temperature and Humidity Display

The main unit displays indoor and outdoor temperature and humidity.

- Press the '°C/°F' button to switch between Celsius and Fahrenheit units.
- The display shows current, minimum (MIN), and maximum (MAX) values for temperature and humidity. Press the 'MIN/MAX' button to cycle through these values.
- The comfort index and mold risk indicators provide a quick overview of indoor conditions.

5.4 Weather Forecast

The weather station predicts the weather for the next 12 hours based on changes in barometric pressure. The forecast icons include:

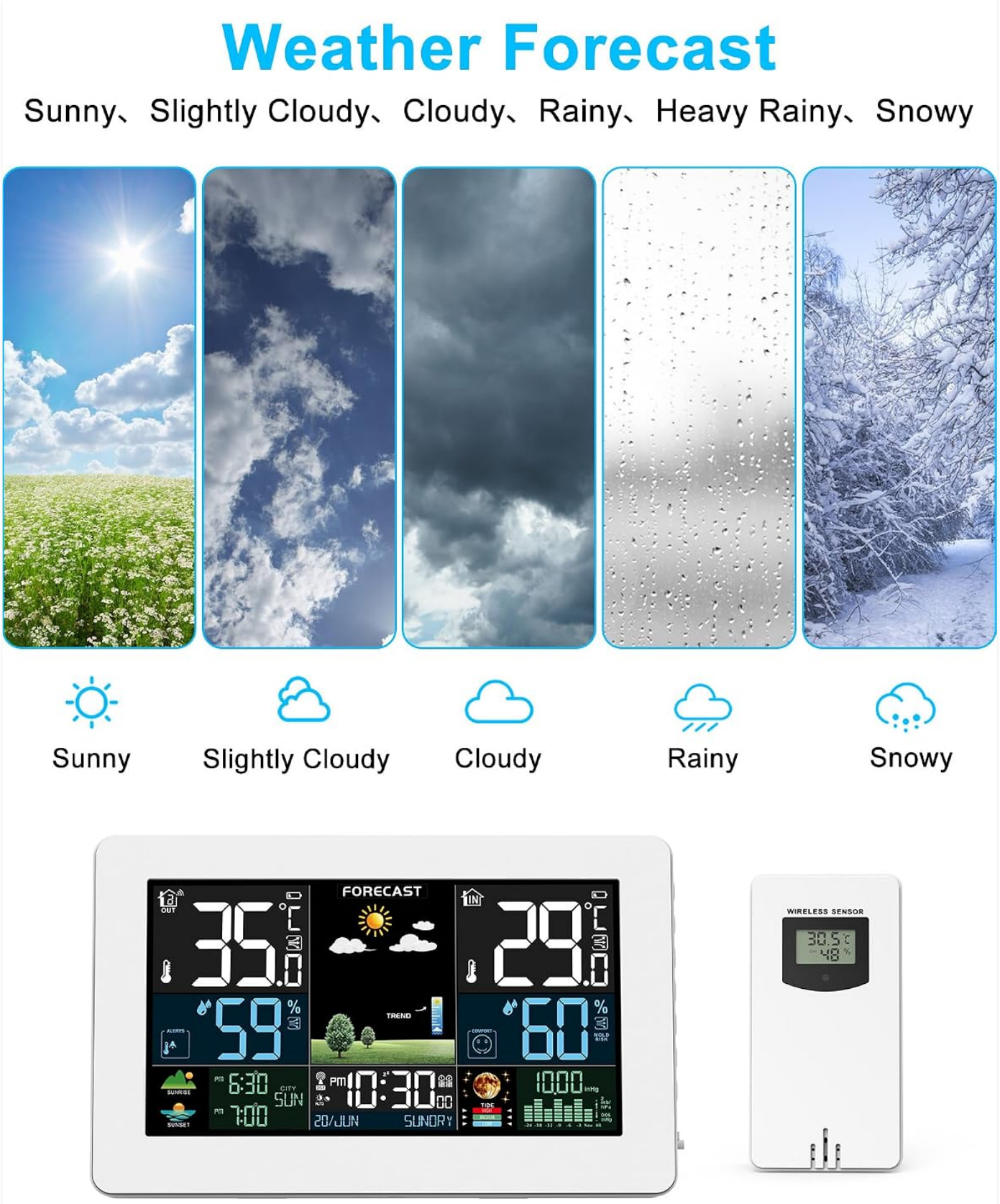


Figure 5.3: Weather forecast icons displayed on the screen.

- **Sunny:** Clear skies expected.
- **Slightly Cloudy:** Partially cloudy conditions.
- **Cloudy:** Overcast skies.
- **Rainy:** Rain expected.

- **Snowy:** Snow expected.

Note: The weather forecast is an estimation and may not always be 100% accurate. If the weather station is moved to a new location, it may take 12-24 hours for the barometric pressure trend to adjust and provide an accurate forecast.

5.5 Barometric Pressure Display

The weather station displays the current barometric pressure and a 24-hour historical trend graph.

- Press the 'PRESSURE' button to switch between hPa/mb and inHg units.
- The graph provides a visual representation of pressure changes over the last 24 hours, which is key to understanding weather trends.

5.6 Sunrise/Sunset and Moon Phases/Tides

These features provide additional environmental information.

- To set your city for accurate sunrise/sunset times, refer to the detailed instructions in the full user manual (if provided separately) or navigate through the settings menu using the 'SET' button.
- The moon phase and tide indicators update automatically based on the set time and location.

6. Maintenance

Proper maintenance ensures the longevity and accuracy of your weather station.

- **Cleaning:** Wipe the main unit and sensor with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** Replace batteries in both the main unit and the outdoor sensor when the low battery indicator appears on the display. Always replace all batteries at once with new ones of the same type.
- **Storage:** If the weather station will not be used for an extended period, remove all batteries to prevent leakage and store the device in a cool, dry place.

7. Troubleshooting

If you encounter issues with your HAOYAO Wireless Weather Station, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No display on main unit.	No power; batteries inserted incorrectly or depleted; adapter not connected.	Check battery polarity; replace batteries; ensure adapter is securely plugged in.
Outdoor readings not displayed or inaccurate.	Sensor out of range; interference; sensor batteries depleted; sensor not paired.	Move sensor closer to main unit; avoid interference sources; replace sensor batteries; re-initiate sensor pairing (see Section 4.2).
Weather forecast seems incorrect.	Weather station recently moved; initial calibration period.	Allow 12-24 hours for the unit to recalibrate its barometric pressure trend after relocation. Forecasts are estimations, not guarantees.
Display shows "LL.L" or "HH.H".	Temperature or humidity readings are outside the measurable range.	This indicates the environment is too cold/hot or too dry/humid for the sensor's specified range.

Problem	Possible Cause	Solution
Alarm does not sound.	Alarm is not activated or volume is too low.	Ensure the alarm icon is displayed on the screen; check alarm settings.

8. Specifications

Feature	Detail
Product Dimensions	13 x 20 x 3 cm; 600 grams
Manufacturer	HAOYAO
Item Model Number	HAOYAO
Brand	HAOYAO
Recommended Uses	Garden, Indoor Humidity Monitoring
Power Source	DC Adapter, 2xAA Batteries (Main Unit); 2xAA Batteries (Sensor)
Special Feature	Wireless Connectivity
Material	Durable Plastic and Metal Components
Connectivity Technology	433 MHz
Color	White
Included Components	Wireless weather station, 1 external sensor
Temperature Accuracy	0.5 °C

9. Warranty and Support

This product is covered by the standard warranty provided by the retailer or manufacturer. Please retain your proof of purchase for any warranty claims. For technical support, troubleshooting assistance beyond this manual, or inquiries about replacement parts, please contact the retailer where you purchased the product or visit the official HAOYAO website for contact information.
Please note that warranty terms and support availability may vary by region and retailer.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B0DCVSQHBR

More documents and user manuals: **https://manuals.plus/**