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> Pomya Wireless Weather Station (Model Pomya26pi4hqfad) Instruction Manual

Pomya Pomya26pi4hqfad

Pomya Wireless Weather Station Instruction Manual

Model: Pomya26pi4hqfad

1. OVERVIEW

The Pomya Wireless Weather Station provides comprehensive weather information for your indoor and outdoor environments. It features a color display that shows indoor and outdoor temperature (Celsius/Fahrenheit), humidity, a weather forecast for the next 6-12 hours, date, time (12H/24H), and an alarm clock with snooze functionality. Additionally, it displays atmospheric pressure trends over the past 24 hours and records daily maximum and minimum temperatures and humidity.

This device is designed to help you plan your daily activities by providing accurate and convenient weather data.

2. WHAT'S IN THE BOX

Please verify that all components are present in the package:

- Main Unit (Weather Station Display)
- Wireless Outdoor Sensor
- User Manual
- USB Cable



Figure 2.1: Package Contents - Main Unit, Wireless Sensor, and USB Cable.

3. SETUP

3.1 Battery Installation (Main Unit)

The main unit requires 2 x AAA batteries (not included) for backup power, or it can be continuously powered via the included USB cable.

1. Locate the battery compartment on the back of the main unit.
2. Remove the battery cover.
3. Insert 2 x AAA batteries, ensuring correct polarity (+/-).
4. Replace the battery cover.

Video 3.1: Demonstrates the installation of AAA batteries into the main unit's battery compartment.

3.2 Battery Installation (Wireless Sensor)

The wireless outdoor sensor requires 2 x AA batteries (not included).

1. Locate the battery compartment on the back of the wireless sensor.
2. Remove the battery cover.

3. Insert 2 x AA batteries, ensuring correct polarity (+/-).
4. Replace the battery cover.



Figure 3.2: Wireless Outdoor Sensor, showing its compact design for external placement.

3.3 Powering On and Initial Sync

After installing batteries in both the main unit and the sensor, connect the main unit to a power source using the USB cable for continuous operation. The main unit will automatically attempt to connect with the wireless sensor. Ensure the sensor is placed within range of the main unit.

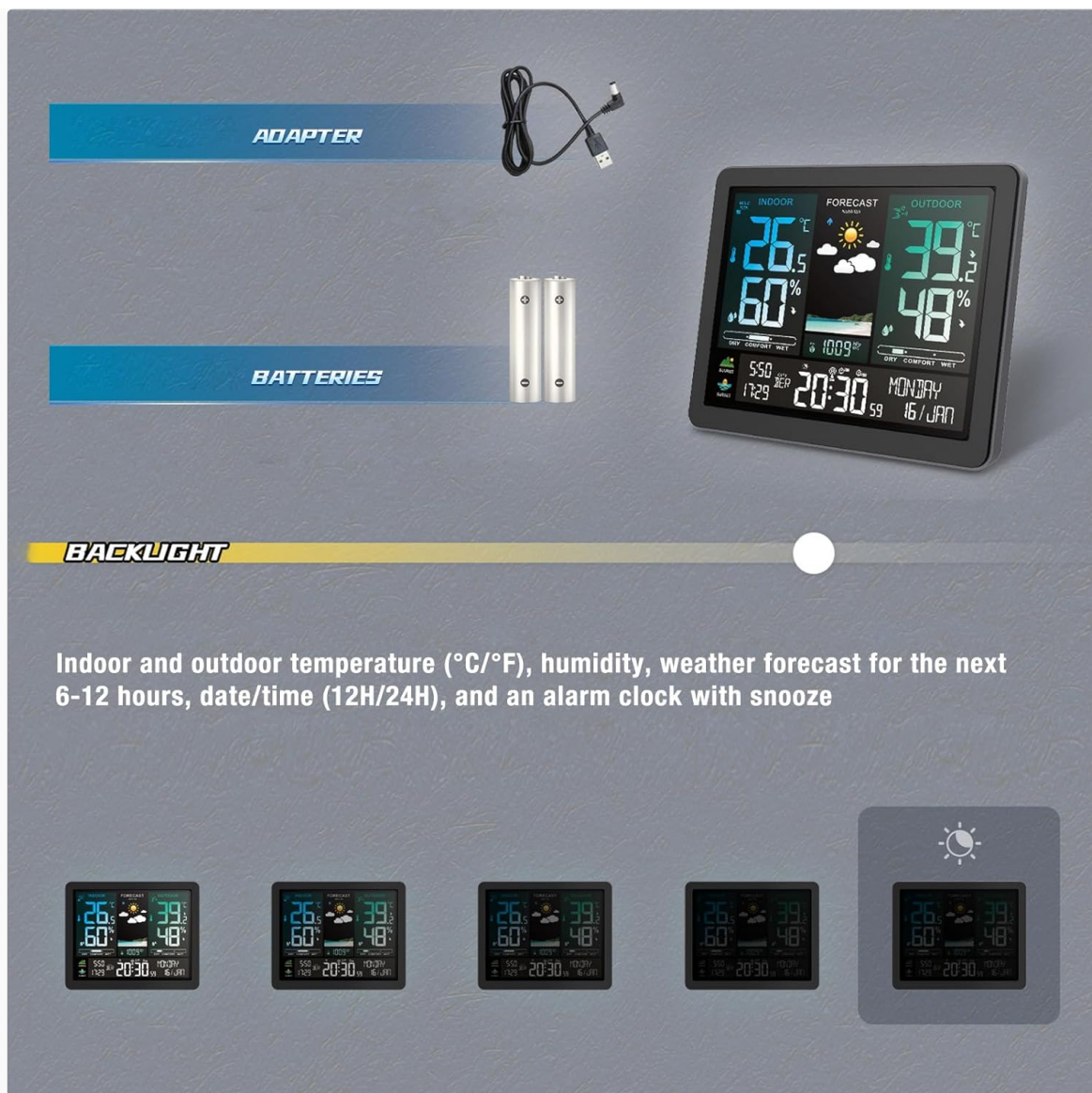


Figure 3.3: Powering options for the main unit, including USB cable and batteries.

4. OPERATING INSTRUCTIONS

4.1 Display Features

The color display provides a wealth of information at a glance:

- **Indoor Temperature and Humidity:** Current readings for your indoor environment.
- **Outdoor Temperature and Humidity:** Current readings transmitted from the wireless sensor.
- **Weather Forecast:** Icons representing clear, cloudy, overcast, light rain, heavy rain, and snow for the next 6-12 hours.
- **Atmospheric Pressure Trend:** A bar graph illustrating pressure changes over the past 3, 6, 9, 12, 18, and 24 hours.
- **Date and Time:** Displays the current date and time in either 12-hour or 24-hour format.
- **Sunrise/Sunset Times:** Calculated based on your location settings.
- **Alarm Clock:** Includes a snooze function.
- **Temperature and Humidity Trends:** Records and displays daily maximum and minimum values.

Show a bar graph of the trend changes in atmospheric pressure over the past 3, 6, 9, 12, 18, and 24 hours



Figure 4.1: Detailed view of the display, highlighting atmospheric pressure trends and time information.



Figure 4.2: Main display unit showing indoor/outdoor readings and multi-channel sensor support.

Wireless Weather Station



Figure 4.3: Various display elements and information presented on the weather station screen.

4.2 Setting Time and Date

Refer to the user manual included in the package for specific button functions to set the time and date. Typically, a 'MODE' or 'SET' button is used to enter settings mode, and 'UP'/'DOWN' or '+'/'-' buttons are used to adjust values.

4.3 Alarm Clock Function

The weather station includes a dual alarm clock with weekday and weekend settings, and a snooze function adjustable from 5 to 60 minutes. Consult the included user manual for detailed instructions on setting and activating the alarm.

4.4 Weather Forecast Interpretation

The station provides 6 types of weather forecasts: clear, cloudy, overcast, light rain, heavy rain, and snow. These forecasts are based on atmospheric pressure changes and are predictive for the next 6-12 hours.

4.5 Temperature and Humidity Trends

The device automatically records and displays the maximum and minimum indoor and outdoor temperatures and humidity levels for the day, allowing you to monitor environmental changes.

5. PLACEMENT AND MOUNTING

The main unit offers flexible placement options:

- **Wall Mountable:** The unit can be hung on a wall using the integrated mounting hole.
- **Table Standing:** A built-in stand allows the unit to be placed on any flat surface.

For the wireless outdoor sensor, choose a location that is protected from direct sunlight and precipitation for accurate readings, and within effective transmission range of the main unit.



Figure 5.1: Placement options for the main unit: wall-mounted or standing on a table.

6. MAINTENANCE

To ensure the longevity and accuracy of your weather station:

- Clean the display and unit surfaces with a soft, dry cloth. Avoid abrasive cleaners or solvents.
- Periodically check the battery compartments for corrosion, especially if the unit is not powered by USB.

- Ensure the wireless sensor's vents are clear of debris.

7. TROUBLESHOOTING

If you encounter issues with your weather station, try the following steps:

- **No Display:** Check if the USB cable is securely connected or if the AAA batteries in the main unit are correctly installed and not depleted.
- **No Outdoor Readings:** Ensure the AA batteries in the wireless sensor are fresh and correctly installed. Verify the sensor is within range and not obstructed by thick walls or metal objects. Try re-syncing the sensor with the main unit (refer to the full user manual for specific re-sync instructions).
- **Inaccurate Readings:** Ensure both the main unit and sensor are placed away from direct heat sources, cold drafts, or high humidity areas. The outdoor sensor should be in a shaded, well-ventilated area.
- **Alarm Not Functioning:** Check alarm settings and ensure it is enabled.

8. SPECIFICATIONS

Feature	Detail
Brand	Pomya
Model	Pomya26pi4hqfad
Power Source (Main Unit)	2 x AAA Battery (not included), USB Cable
Power Source (Sensor)	2 x AA Battery (not included)
Indoor Temperature Range	-9.9°C to +50°C / +15°F to +122°F
Outdoor Temperature Range	-40°C to +70°C / -40°F to +158°F
Humidity Detection Range	20% to 95%
Atmospheric Pressure Range	600 hPa/mb to 1100 hPa/mb / 17.72 inHg to 32.50 inHg
Weather Forecasts	Sunny, Partly Cloudy, Cloudy, Light Rain, Heavy Rain, Snow
Alarm Functions	Dual Alarms, Repeat Alarms (Weekday and Weekend), Snooze (5-60 minutes)
Display Type	Color Display
Material	Plastic

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided in the original product packaging or contact Pomya customer service directly. Keep your purchase receipt as proof of purchase.