

jely Weather Station with 3 Outdoor Sensors

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Model: Weather Station with 3 Outdoor Sensors

1. INTRODUCTION

Thank you for choosing the jely Weather Station. This device provides accurate indoor and outdoor temperature and humidity readings, a 12-hour weather forecast, a DCF-controlled clock, and dual alarm functions. This manual will guide you through the setup, operation, and maintenance of your new weather station to ensure optimal performance.

2. PACKAGE CONTENTS

- 1 x jely Weather Station Main Unit
- 3 x Wireless Outdoor Sensors
- 1 x Power Adapter
- 1 x User Manual (this document)

3. PRODUCT OVERVIEW

The jely Weather Station features a 7.5-inch HD color VA display that clearly shows all relevant weather data and time information. The main unit is designed for indoor use, while the three included wireless sensors monitor outdoor conditions.

Image Placeholder: Front view of the jely Weather Station main unit, highlighting the 7.5-inch color display and control buttons.

This image would show the main display unit, illustrating its various display segments for time, date, indoor/outdoor temperature and humidity, weather forecast icons, and barometric pressure. Key buttons for settings and mode selection would also be visible.

Image Placeholder: View of one jely Wireless Outdoor Sensor, showing its compact design and battery compartment.

This image would depict one of the compact outdoor sensors, highlighting its weather-resistant casing and the location of

the battery compartment and channel selection switch.

4. SETUP

4.1 Powering the Main Unit

1. Connect the provided power adapter to the DC IN port on the back of the main unit.
2. Plug the power adapter into a standard electrical outlet. The display will light up.
3. For battery backup (optional), insert 3 x AAA batteries (not included) into the battery compartment on the back of the main unit. This will retain settings during power outages.

4.2 Installing Sensor Batteries

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

1. Open the battery compartment on the back of each outdoor sensor.
2. Insert 2 x AA batteries, observing the correct polarity (+/-).
3. Close the battery compartment securely.
4. Select a different channel (1, 2, or 3) for each sensor using the switch inside the battery compartment. This allows the main unit to distinguish between them.

4.3 Pairing Sensors with Main Unit

The main unit will automatically attempt to connect with the outdoor sensors upon startup. Ensure all sensors have batteries installed and are within range.

- Place the main unit and sensors close to each other during initial setup.
- The main unit will display outdoor temperature and humidity for each connected channel.
- If a sensor does not connect, press and hold the 'CHANNEL' button on the main unit for 3 seconds to initiate a manual search. Ensure the sensor is on and within range.

4.4 Placement Guidelines

- **Main Unit:** Place indoors, away from direct sunlight, heat sources, and strong electromagnetic fields. It can be placed on a table or mounted on a wall.
- **Outdoor Sensors:** Place in a sheltered location outdoors, protected from direct rain and sunlight, to ensure accurate readings and prolong battery life. Ensure they are within the 60-meter wireless range of the main unit. Avoid placing near large metal objects that could interfere with the signal.

5. OPERATING INSTRUCTIONS

5.1 Display Overview

The 7.5-inch color display provides a comprehensive view of all data. Key areas include:

- **Time & Date:** Top section, automatically synchronized via DCF.
- **Indoor Temperature & Humidity:** Displays current conditions inside.
- **Outdoor Temperature & Humidity:** Displays readings from the selected outdoor sensor (channels 1-3).
- **Weather Forecast:** Icons indicating predicted weather for the next 12 hours.
- **Barometric Pressure:** Shows current atmospheric pressure and trend.
- **Comfort Indicator:** Visual representation of indoor comfort level.
- **Ice Warning:** An alert for potential freezing conditions.

5.2 Setting Time and Date

The weather station automatically synchronizes time via the DCF signal within approximately 3 minutes of startup. If manual adjustment is needed:

1. Press and hold the 'SET' button to enter time setting mode.
2. Use the '+' or '-' buttons to adjust the flashing value (e.g., hour, minute, year, month, day).
3. Press 'SET' again to confirm and move to the next setting.
4. Exit setting mode by pressing 'SET' after the last item or waiting 15 seconds.

5.3 Alarm Settings

The device features two independent alarms.

1. Press the 'ALARM' button repeatedly to cycle through Alarm 1, Alarm 2, and Alarm Off.
2. To set an alarm, press and hold the 'ALARM' button when the desired alarm (e.g., AL1) is displayed.
3. Use '+' or '-' to adjust the hour and minute, pressing 'ALARM' to confirm each.
4. To activate/deactivate an alarm, press the 'ALARM' button briefly when the alarm time is displayed. An alarm icon will appear/disappear.

5.4 Brightness Adjustment

When powered by the AC adapter, the display backlight remains continuously on. You can adjust its brightness:

- Press the 'LIGHT' button to cycle through 4 brightness levels: 100%, 50%, 10%, and 0% (off).
- When operating on batteries, the backlight automatically turns off after 15 seconds to conserve power. Press any button to temporarily illuminate the display.

5.5 Weather Forecast Interpretation

The weather station analyzes barometric pressure trends to predict the weather for the next 12 hours. Icons include:

- Sunny
- Partly Cloudy
- Cloudy
- Rain
- Storm
- Snow

Note: Weather forecasts are estimates and may not always be 100% accurate for all local conditions.

5.6 Sensor Data Display

The main unit can display data from up to 3 outdoor sensors.

- Press the 'CHANNEL' button to cycle through the outdoor sensor data (Channel 1, Channel 2, Channel 3, or auto-cycle through all channels).

6. MAINTENANCE

6.1 Cleaning

Wipe the main unit and outdoor sensors with a soft, dry cloth. Do not use abrasive cleaners or solvents, as these may damage the surfaces or electronic components.

6.2 Battery Replacement

- **Main Unit:** If using battery backup, replace AAA batteries when the low battery indicator appears on the display.
- **Outdoor Sensors:** Replace AA batteries when the low battery indicator for a specific channel appears on the main unit. Ensure correct polarity.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No display on main unit	Power adapter not connected; batteries depleted (if using backup).	Ensure power adapter is securely plugged in. Replace AAA batteries if using backup.
Outdoor sensor not connecting / Inaccurate readings	Sensor batteries depleted; sensor out of range; interference; incorrect channel.	Replace AA batteries in the sensor. Move sensor closer to the main unit. Avoid placing near large metal objects. Ensure sensor channel matches main unit's selected channel. Press and hold 'CHANNEL' button on main unit to re-scan.
DCF time not synchronizing	Weak signal; interference; incorrect time zone setting.	Move the main unit to a window or an area with better signal reception. Avoid electronic devices that may cause interference. Ensure the correct time zone is set manually if needed.
Weather forecast seems incorrect	Forecast is based on barometric pressure trends, not real-time satellite data.	Understand that the forecast is a prediction for the next 12 hours based on local pressure changes and may not always align with official weather reports.

8. SPECIFICATIONS

Feature	Detail
Brand	jely
Recommended Product Use	Home, Garden, Office, Laboratory, Restaurant, Library
Specific Product Use	Temperature, Humidity, Time, Date, Weather Forecast
Power Source	Corded Electric (Main Unit), Battery (Main Unit Backup & Sensors)
Special Features	Alarm, Adjustable Brightness, DCF Clock, Ice Warning
Material	Acrylonitrile Butadiene Styrene (ABS)
Connectivity Technology	Radio Frequency
Style	Modern

Feature	Detail
Color	Black
Product Dimensions	7.4D x 22.7W x 15.3H centimeters

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided at the point of purchase or contact your retailer. Keep your purchase receipt as proof of purchase.