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KALEVOL Weather Station with Color Display-White

KALEVOL Weather Station User Manual

Model: Weather Station with Color Display-White

1. Introduction

Thank you for choosing the KALEVOL Weather Station. This device provides accurate indoor and outdoor temperature and humidity readings, precise weather forecasts, an atomic clock, and dual alarms. With its multi-sensor monitoring capabilities and clear color display, it helps you stay informed about your environment. This manual will guide you through the setup, operation, and maintenance of your new weather station.



Image: KALEVOL Weather Station main unit with its three wireless remote sensors.

2. Package Contents

Please verify that all components are present in your package:

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

3. Setup Guide

3.1 Powering the Devices

The weather station main unit and remote sensors can be powered in two ways:

- **Main Unit:** Connect the included power adapter to the DC port on the back of the main unit. Alternatively, insert 2 x AA batteries (not included) into the battery compartment for portable use.
- **Remote Sensors:** Each remote sensor requires 2 x AA batteries (not included). Open the battery compartment on the back of each sensor and insert the batteries, observing polarity.



Image: Illustration of power options for the main unit (AC adapter or batteries) and remote sensors (batteries).

3.2 Sensor Placement

The KALEVOL Weather Station comes with three remote sensors, allowing you to monitor temperature and humidity in various locations. The transmission range is up to 200ft (60m) in an open area.

- **Indoor Sensors:** Place sensors in areas like bedrooms, kitchens, or baby rooms to monitor indoor climate.
- **Outdoor Sensors:** For outdoor monitoring, place sensors in a shaded, dry location away from direct sunlight and rain. While the sensors are designed for outdoor use, prolonged exposure to direct rain can affect their longevity. Consider placing them under an awning, porch, or in a weather-resistant enclosure.
- **Optimal Placement:** Ensure sensors are within the transmission range of the main unit and avoid large metal objects or thick walls that may interfere with the wireless signal.



Image: Examples of remote sensor placement in a porch, attic, and garage, demonstrating their versatility.

3.3 Initial Setup and Pairing

1. Insert batteries into all remote sensors first.
2. Power on the main weather station unit.
3. The main unit will automatically search for and connect to the remote sensors. This process may take a few minutes. Ensure sensors are within range.
4. Once connected, the main unit's display will show temperature and humidity readings for the indoor unit and each connected outdoor sensor (Outdoor1, Outdoor2, Outdoor3).

4. Operating Instructions

4.1 Color Digital Display Overview

The large LCD digital display provides clear, color-coded information for easy readability. It is partitioned into sections for indoor readings and three outdoor channels.



Image: The weather station's colorful digital display, highlighting its multi-functionality and key features like temperature, humidity, weather forecasting, and atomic clock.

4.2 Time and Date Setting (Atomic Clock)

This weather station features a radio-controlled time function (atomic clock) that automatically calibrates the time. Ensure the correct time zone is set and the daylight saving time function is enabled for proper automatic calibration. The device automatically calibrates the time at 1:00 AM, 2:00 AM, and 3:00 AM daily.

4.3 Temperature and Humidity Monitoring

The display shows real-time temperature and humidity for the main indoor unit and each of the three remote sensors (Outdoor1, Outdoor2, Outdoor3). This allows for comprehensive monitoring across different areas of your home or property.



Image: The weather station display with different colored channel partitions, illustrating how it clearly shows monitoring data for various areas like a children's angle, living room, kitchen, garden, baby room, and garage.

4.4 Weather Forecast

The weather station calculates and displays a weather forecast for the next 12 hours by analyzing the air pressure index over the past 12 hours. The display will show various icons representing sunny, slightly cloudy, cloudy, rainy, heavy rainy, and snowy conditions.



Image: Visual representation of various weather forecast icons displayed on the weather station, including sunny, slightly cloudy, cloudy, rainy, heavy rainy, and snowy.

4.5 Dual Alarm Function

The weather station includes a dual alarm feature, allowing you to set two independent alarms. Refer to the on-screen prompts or specific button functions (usually labeled 'ALARM' or 'SET') to configure your desired alarm times.



Image: The weather station displaying its dual alarm function, illustrating its use for both waking up and setting a sleeping time reminder.

4.6 Comfort Indicator

The display features a comfort indicator (often a smiley face icon) that provides a quick visual reference for indoor and outdoor comfort levels based on temperature and humidity readings.



Image: The weather station display showing the comfort indicator, which provides a visual cue for indoor and outdoor comfort levels.

4.7 Temperature Units (C/F)

The weather station supports both Celsius (°C) and Fahrenheit (°F) temperature units. Consult the main unit's buttons (typically a 'C/F' button or part of the 'SET' menu) to switch between these units.

5. Maintenance

5.1 Cleaning

To clean the weather station and sensors, use a soft, dry cloth. Do not use abrasive cleaners, solvents, or immerse the devices in water. For the display, a slightly damp cloth can be used, followed by a dry one.

5.2 Battery Replacement

When the battery indicator appears on the display for the main unit or a specific sensor, it's time to replace the

batteries. Always replace all batteries in a device at the same time with new ones of the same type.

5.3 Sensor Care

While remote sensors are designed for outdoor use, they are not fully waterproof. To ensure longevity and accurate readings, protect outdoor sensors from direct heavy rain and prolonged exposure to extreme weather conditions. Placing them under an overhang or in a sheltered area is recommended.

6. Troubleshooting

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

Problem	Possible Cause / Solution
No display on main unit	Check power adapter connection or replace batteries. Ensure batteries are inserted with correct polarity.
Remote sensor not connecting / showing lines	Ensure sensor batteries are fresh and correctly inserted. Move sensor closer to the main unit to check range. Avoid large metal obstructions. Re-pair by removing batteries from both main unit and sensor, then reinserting sensor batteries first, followed by main unit batteries.
Inaccurate temperature/humidity readings	Ensure sensors are not in direct sunlight, near heat sources, or in areas with high humidity (e.g., directly above a humidifier). Allow time for readings to stabilize after initial setup.
Atomic clock not syncing	Ensure the correct time zone is selected and daylight saving time is enabled. Place the main unit away from electronic devices that may cause interference. Allow the unit to attempt synchronization during its scheduled times (1 AM, 2 AM, 3 AM).
Outdoor sensor fails in rain	The outdoor sensor is not fully waterproof. Relocate the sensor to a sheltered area, such as under an eave or porch, to protect it from direct rain.

7. Specifications

- **Brand:** KALEVOL
- **Model:** Weather Station with Color Display-White
- **Product Dimensions:** 5.24"D x 3.46"W x 6.89"H
- **Item Weight:** 1.32 pounds
- **Power Source (Main Unit):** DC Adapter (included) or 2 x AA Batteries (not included)
- **Power Source (Remote Sensors):** 2 x AA Batteries (not included) per sensor
- **Connectivity Technology:** Wireless
- **Sensor Technology:** Wireless
- **Temperature Accuracy:** 1 degree Celsius
- **Display Type:** Digital, LCD, Color Display

- **Special Features:** Large Display With Color, Thermometer, Humidity Monitor, Alarm, Clock, Weather Forecast, Comfort Indicator
- **Included Components:** Weather station, remote sensor (x3), power adapter, user manual

8. Warranty and Support

KALEVOL is committed to providing quality products and comprehensive after-sales service. For any questions, technical support, or warranty claims, please refer to the contact information provided with your purchase or visit the official KALEVOL store on Amazon. We actively listen to our customers and continuously improve our products to ensure reliability and trustworthiness.
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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

Answered questions about this manual

How can I keep the display light on the KALEVOL EM33950 Weather Station permanently lit instead of it turning off until I touch the SNOOZE/LIGHT button?

To keep the display of your KALEVOL Weather Station permanently lit, the most common solution is to ensure the device is powered by the DC power adapter rather than just batteries. Check Power Source:...

Read full answer

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