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# LUVUOKYE Wireless Indoor Outdoor Thermometer, Color Display Digital Thermometer Humidity Monitor

## LUVUOKYE Wireless Weather Station User Manual

Model: Color Display Digital Thermometer Humidity Monitor

### 1. INTRODUCTION

This LUVUOKYE Weather Station provides comprehensive environmental monitoring for your home, offering both indoor and outdoor temperature and humidity readings. Its full-color display presents essential information at a glance, including atomic clock time, calendar, moon phase, and a detailed weather forecast. Designed for clarity and ease of use, it helps you stay informed about your local weather conditions.

Key features include a larger, clearer screen with comfortable color viewing angles, barometric pressure monitoring, temperature alerts, and daily MIN/MAX data for temperature and humidity.

### 2. PACKAGE CONTENTS

Please check the package contents carefully. If any items are missing or damaged, contact customer support.

- 1 x Main Display Unit (Weather Station)
- 1 x Wireless Outdoor Sensor
- 1 x Power Adapter (5.0V)
- User Manual

*Note: 3 x AAA batteries are required for backup power for the main unit and are not included in the package. The outdoor sensor typically requires 2 x AA batteries (not included).*

### 3. SETUP GUIDE

#### 3.1 Powering the Main Unit

1. Insert 3 x AAA batteries (not included) into the battery compartment on the back of the main unit. This provides backup power in case of a power outage.

2. Connect the provided power adapter to the DC IN port on the main unit and plug it into a standard electrical outlet. The display will light up.

### **3.2 Setting Up the Wireless Outdoor Sensor**

1. Insert 2 x AA batteries (not included) into the battery compartment of the wireless outdoor sensor.
2. Select a channel (1, 2, or 3) on the outdoor sensor. Ensure this channel matches the channel selected on the main display unit.
3. Place the outdoor sensor in a suitable location. For accurate readings and longevity, mount the sensor vertically on a north-facing wall or in a sheltered area with eaves to avoid direct sunlight and rain. Direct sunlight can cause excessively high temperature readings. A placement approximately 6 inches under the eaves is preferred.
4. Allow a few minutes for the main unit to establish a connection with the outdoor sensor. The outdoor temperature and humidity readings will appear on the display.

### **3.3 Initial Calibration and Atomic Clock Synchronization**

The weather station features a self-setting atomic clock. Upon initial power-up, it will attempt to synchronize with the atomic time signal. This may take several minutes or hours depending on signal strength. Ensure the correct time zone is selected on the main unit.

For accurate personal weather forecasts, allow 7-10 days for the barometric pressure sensor to calibrate to your specific location's atmospheric conditions.



This image displays the LUVUOKYE Wireless Weather Station's main unit. The vibrant color screen shows 'FUTURE FORECAST' at the top left, with icons for sunny, cloudy, and partly cloudy conditions. The top right section indicates 'OUTDOOR' readings, including temperature (26.8°C), humidity (63% RH), and battery level for the outdoor sensor. Below this, the atomic clock displays 'THU 6/17' and the moon phase. The bottom left shows the time '11:22 PST' with alarm indicators. The bottom right section displays 'INDOOR' readings, including temperature (25.6°C) and humidity (67% RH), along with an indoor comfort level indicator. The brand 'LUVUOKYE' is visible at the bottom center of the display.

## 4. OPERATING INSTRUCTIONS

### 4.1 Display Overview

The full-color display is divided into several sections:

- **Future Forecast:** Icons indicating predicted weather conditions (sunny, cloudy, rainy, etc.).
- **Outdoor Readings:** Displays current outdoor temperature (in °C/°F) and humidity (%RH), along with a trend indicator and sensor battery level.
- **Indoor Readings:** Displays current indoor temperature (in °C/°F) and humidity (%RH), along with a comfort level indicator.
- **Time & Calendar:** Shows the atomic clock time, day of the week, date, and moon phase.

- **Pressure:** Displays current barometric pressure in hPa or mb, with a trend indicator.
- **Alerts:** Icons for temperature alerts.

## 4.2 Adjusting Backlight

The display features adjustable brightness levels. Refer to the specific buttons on your unit (usually labeled 'LIGHT' or 'BRIGHTNESS') to cycle through different brightness settings or turn the backlight off.

## 4.3 Setting Alarms and Time Zone

Use the 'MODE' or 'SET' button to enter the settings menu. From here, you can:

- Set the alarm clock.
- Adjust the time zone (e.g., PST, MST, CST, EST).
- Manually set time and date if atomic synchronization is unavailable.

## 4.4 Viewing MIN/MAX Data

Press the 'MIN/MAX' button (or similar) to cycle through the recorded minimum and maximum indoor and outdoor temperature and humidity readings for the day. Press and hold the button to clear the recorded data.

## 4.5 Temperature Alerts

The unit supports setting high and low temperature alerts for both indoor and outdoor readings. Consult your unit's specific button layout (often 'ALERT' or 'ALARM') to configure these thresholds. An audible alarm will sound when temperatures exceed or fall below your set limits.

# 5. MAINTENANCE

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## 5.1 Cleaning

Wipe the display and unit casing with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these may damage the display or finish. Ensure the unit is unplugged before cleaning.

## 5.2 Battery Replacement

Replace batteries in the main unit (AAA) and outdoor sensor (AA) when the low battery indicator appears on the display. Always replace all batteries in a set at the same time with new ones of the same type.

## 5.3 Sensor Care

Periodically check the outdoor sensor for debris or obstructions. While the sensor is designed for outdoor use, it is not fully waterproof. Ensure it remains in a sheltered location to protect it from heavy rain and direct prolonged sunlight.

# 6. TROUBLESHOOTING

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- **No Outdoor Temperature/Humidity Reading:**
  - Ensure the outdoor sensor batteries are fresh and correctly inserted.
  - Verify that the channel selected on the main display unit matches the channel on the outdoor sensor.
  - Move the outdoor sensor closer to the main unit to reduce interference or range issues.
  - Reset both units by removing batteries and power, then reinserting.
- **Inaccurate Temperature Readings:**
  - For outdoor sensor: Ensure it is not in direct sunlight or near heat sources (e.g., vents, walls that absorb heat).

Direct sunlight can cause readings to be excessively high. Relocate to a shaded, well-ventilated area.

- For indoor unit: Ensure it is not near heat sources, direct sunlight, or drafts.

• **Display Not Working/Blank:**

- Check if the power adapter is securely plugged in and the outlet is functional.

- If using batteries, ensure they are fresh and correctly inserted.

- Try a different power outlet.

• **Atomic Clock Not Synchronizing:**

- Ensure the unit is placed away from large metal objects or electronic devices that may cause interference.

- Try moving the unit to a window or an area with better signal reception.

- Allow sufficient time (up to 24 hours) for initial synchronization.

• **Weather Forecast Inaccurate:**

- The weather forecast is based on barometric pressure changes. Allow 7-10 days for the unit to calibrate to your local atmospheric pressure for more accurate predictions.

## 7. SPECIFICATIONS

Feature	Specification
Brand	LUVUOKYE
Power Source	AC/DC Adapter (included), 3x AAA Batteries (not included) for backup
Connectivity Technology	Wireless
Temperature Accuracy	±1 °C
Display Type	Color Display
Shape	Rectangular
Sensor Technology	Wireless
Package Dimensions	8.19 x 6.06 x 3.31 inches
Weight	1.08 Pounds

## 8. WARRANTY AND SUPPORT

For warranty information, product registration, or technical support, please refer to the documentation included with your product or visit the official LUVUOKYE website. You may also contact LUVUOKYE customer service directly for assistance with any issues or questions.