

## Nor-Tec 73409/2566124

# Nor-Tec Weather Station User Manual

Model: 73409/2566124

## 1. INTRODUCTION

Thank you for choosing the Nor-Tec Weather Station. This device is designed to provide you with accurate and comprehensive weather information, including indoor and outdoor temperature, humidity, barometric pressure, and weather forecasts. Please read this manual carefully before operating the device to ensure proper setup and optimal performance.

## 2. PACKAGE CONTENTS

Please check the package contents to ensure all items are present:

- LCD Weather Station Display Unit
- Power Adapter
- Multi-language User Manual (this document)
- Outdoor Wireless Sensor

## 3. PRODUCT OVERVIEW



**Figure 3.1:** The Nor-Tec Weather Station main display unit shown alongside its retail packaging. The display clearly shows indoor and outdoor temperature, humidity, and a weather forecast icon. The packaging highlights key features such as clock, alarm, and wireless capabilities.



**Figure 3.2:** The Nor-Tec Weather Station main display unit positioned next to its wireless outdoor sensor. The main unit's LCD screen is illuminated, displaying various weather parameters. The compact outdoor sensor is designed for remote placement to measure external conditions.

## 4. SETUP

### 4.1 Battery Installation

The weather station main unit and the outdoor sensor both require 1.5V AA batteries. Ensure correct polarity when inserting

batteries.

1. **Main Unit:** Open the battery compartment on the back of the main unit. Insert 2 x 1.5V AA batteries. Close the compartment.
2. **Outdoor Sensor:** Open the battery compartment on the back of the outdoor sensor. Insert 2 x 1.5V AA batteries. Close the compartment.

## 4.2 Powering On

Connect the provided power adapter to the main unit and plug it into a power outlet. The display will illuminate, and the unit will begin searching for the outdoor sensor signal and radio-controlled time signal.

## 4.3 Sensor Placement

Place the outdoor sensor in a shaded, well-ventilated area, away from direct sunlight and sources of heat or moisture. The maximum transmission range is up to 60 meters without obstacles. Ensure the sensor is within range of the main unit for reliable data transmission.

# 5. OPERATING INSTRUCTIONS

## 5.1 Time and Date Settings

The weather station features a radio-controlled clock that automatically sets the time and date. You can switch between 12-hour and 24-hour formats. The calendar displays dates up to 2099.

## 5.2 Alarm and Snooze Function

The clock includes a daily alarm function with a snooze option. Refer to the specific buttons on your device for setting and activating the alarm.

## 5.3 Temperature and Humidity Display

The unit displays both indoor and outdoor temperature and humidity. Temperature can be shown in Celsius (°C) or Fahrenheit (°F). The display also shows the highest and lowest recorded temperature and humidity for the current day.

## 5.4 Barometer and Weather Forecast

The built-in barometer measures atmospheric pressure, which can be displayed in hPa/mb, mmHg, or inHg. Based on pressure trends, the station provides a weather forecast icon (e.g., sunny, cloudy, rainy).

## 5.5 Moon Phase and Backlight

The display includes a moon phase indicator. The display also features a backlight for improved visibility in low-light conditions.

## 5.6 Day of the Week Language

The day of the week can be displayed in 11 languages: English, German, Italian, French, Spanish, Dutch, Danish, Polish, Czech, Slovak, and Russian.

# 6. TECHNICAL SPECIFICATIONS

| Feature      | Specification |
|--------------|---------------|
| Model Number | 73409/2566124 |
| Color        | Black         |
| Display Type | LCD           |

| Feature                     | Specification                                             |
|-----------------------------|-----------------------------------------------------------|
| Time Format                 | 12-hour or 24-hour                                        |
| Calendar Range              | Up to 2099                                                |
| Day of Week Languages       | 11 languages (EN, DE, IT, FR, ES, NL, DA, PL, CS, SK, RU) |
| Temperature Units           | Celsius (°C) or Fahrenheit (°F)                           |
| Indoor Temperature Range    | 0°C to 50°C (32°F to 122°F)                               |
| Outdoor Temperature Range   | -40°C to +70°C (-40°F to 158°F)                           |
| Barometer Range             | 600-1100 hPa                                              |
| Air Pressure Units          | hPa/mb, mmHg, inHg                                        |
| Transmission Frequency      | 433.92 MHz                                                |
| Transmission Channels       | 3 channels                                                |
| Transmission Range          | Up to 60 meters (open area)                               |
| Main Unit Power Source      | 2 x 1.5V AA batteries (included) or Power Adapter         |
| Outdoor Sensor Power Source | 2 x 1.5V AA batteries (included)                          |

## 7. MAINTENANCE

To ensure the longevity and accuracy of your weather station, follow these maintenance guidelines:

- **Cleaning:** Wipe the display unit and sensor with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** Replace batteries in both units when the low battery indicator appears on the display. Always replace all batteries at the same time.
- **Sensor Placement:** Regularly check the outdoor sensor's placement to ensure it remains in a shaded, protected area, away from direct sunlight and extreme weather conditions.

## 8. TROUBLESHOOTING

If you encounter issues with your Nor-Tec Weather Station, please refer to the following common problems and solutions:

- **No Display / Display is Blank:**
  - Check if the power adapter is securely connected to the main unit and the power outlet.
  - Ensure batteries are correctly inserted with proper polarity in both the main unit and the outdoor sensor.
  - Replace old or depleted batteries with new ones.
- **No Outdoor Temperature/Humidity Reading:**
  - Ensure the outdoor sensor is within the 60-meter transmission range of the main unit.
  - Check for any large metal objects or thick walls between the sensor and the main unit that might interfere with the signal.
  - Replace batteries in the outdoor sensor.
  - Try re-syncing the sensor with the main unit (refer to specific button instructions in your quick start guide if available).
- **Unexpected Beeping/Alarm Sounds:**
  - Verify that all alarm functions (daily alarm, temperature alerts, etc.) are properly deactivated in the settings.

- Check if a freeze warning is active, as this can trigger an alert if outdoor temperature drops below a certain threshold.
- Consult the quick start guide for detailed instructions on disabling specific alerts.

- **Inaccurate Readings:**

- Ensure the outdoor sensor is not in direct sunlight or near heat sources (e.g., vents, windows) that could affect temperature readings.
- Ensure the main unit is not placed near heat-emitting appliances or in direct sunlight indoors.

## 9. IMPORTANT NOTES

- **Outdoor Sensor Placement:** To ensure accurate outdoor temperature and humidity readings, **do not place the outdoor sensor in direct sunlight**. Direct sunlight will cause artificially high temperature readings.
- **Battery Type for Outdoor Use:** For outdoor temperatures ranging from -20°C to +60°C, **do not use alkaline batteries**. Lithium batteries are recommended for extreme cold conditions to ensure reliable performance.

## 10. WARRANTY AND SUPPORT

Nor-Tec products are designed for reliability and performance. For any questions, technical support, or warranty inquiries, please refer to the contact information provided with your purchase or visit the official Nor-Tec website. Please retain your proof of purchase for warranty claims.

### ASK A QUESTION ABOUT THIS MANUAL

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