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› Raddy N75 Wi-Fi Weather Station User Manual

Raddy N75

Raddy N75 Wi-Fi Weather Station User Manual

Model: N75

Brand: Raddy

INTRODUCTION

This manual provides detailed instructions for setting up, operating, and maintaining your Raddy N75 Wi-Fi Weather Station. This device offers real-time indoor and outdoor weather data, including temperature, humidity, barometric pressure, and weather forecasts, accessible via its 7.5-inch color display and a dedicated mobile application.

WHAT'S IN THE BOX

- Raddy N75 Wi-Fi Weather Station (Main Unit)
- Wireless Outdoor Sensor
- Power Adapter
- Instruction Manual

SETUP GUIDE

1. Powering the Main Unit

Connect the provided power adapter to the main weather station unit and plug it into a power outlet. The unit can also use 2x AA batteries (not included) for backup power. Ensure the main unit is placed in a central location for optimal wireless sensor reception.



Image: Raddy N75 Wi-Fi Weather Station main unit, wireless sensor, and power adapter.

2. Installing Batteries in the Wireless Sensor

Open the battery compartment of the wireless outdoor sensor and insert 2x AA batteries (not included), observing the correct polarity. Close the compartment securely. Place the sensor outdoors in a shaded, protected area to ensure accurate readings and extend battery life. The sensor has a transmission range of up to 328ft (100m).

Transmission Range Up to 328ft (100m)



Image: Wireless sensor demonstrating its transmission range from an outdoor pool area to the main unit indoors.

3. Connecting to Wi-Fi and App Setup

The Raddy N75 connects to 2.4GHz Wi-Fi networks for app control and network time synchronization. Download the Tuya Smart app from your device's app store (iOS App Store or Android's Google Play). Follow the in-app instructions to add your weather station. Ensure your phone is connected to a 2.4GHz Wi-Fi network during the initial setup process.

Smart APP Control

Data storage up to 1 year



Internet Time



Display Backlight



12/24-Hour Format



°C/°F Switch



×5G 2.4G ONLY

Image: Raddy N75 Weather Station alongside a smartphone displaying the Tuya app, highlighting smart app control features.

Your browser does not support the video tag.

Video: An overview of the Raddy N75 Wi-Fi Weather Station, demonstrating its features and display.

OPERATING INSTRUCTIONS

1. Understanding the Display

The 7.5-inch full-color display provides comprehensive weather information at a glance:

- **Remote Sensor (Outdoor) Data:** Displays temperature and humidity from the wireless outdoor sensor.
- **Indoor Sensor Data:** Shows current indoor temperature and humidity.
- **Weather Forecast:** Provides a 12-24 hour forecast based on barometric pressure changes (Sunny, Slightly Cloudy,

Cloudy, Rainy, Heavy Rainy, Snowy).

- **Moon Phase:** Displays the current moon phase.
- **Time & Date:** Automatically synchronized via network time.
- **Barometric Pressure:** Current atmospheric pressure reading.
- **Frost Alert:** Activates when temperatures are between -1°C to +3°C (30°F to 37°F).

7.5" Large Color Display



 Temperature

 Humidity

 Barometric Pressure

 Network Time

 Trends

 Weather Forecast

 Frost/Ice Warning

 Calendar

 Moon Phase

 Max/Min Temp & RH

Image: Close-up of the Raddy N75's 7.5-inch large color display, detailing temperature, humidity, forecast, moon phase, and pressure.

2. Adjustable Backlight

The display features four levels of adjustable backlight brightness (100%, 80%, 60%, 0%) to suit different lighting conditions and preferences. Use the controls on the side of the unit to adjust the brightness.

4 Adjustable Backlight



Image: Four different views of the Raddy N75 display, illustrating the 100%, 80%, 60%, and 0% backlight brightness settings.

3. Multiple Remote Sensors (Optional)

The weather station supports up to three wireless remote sensors (one included). This allows you to monitor temperature and humidity in different areas, such as a baby's room, garden, or kitchen. The main unit will cycle through the data from all connected sensors.

Up to 3 Channels for Remote Sensors



Image: Diagram showing the Raddy N75 supporting up to three remote sensors for monitoring different locations (CH1, CH2, CH3).

4. App Monitoring and Data History

Through the Tuya Smart app, you can view real-time weather data from both indoor and outdoor sensors on your smartphone. The app also stores historical data for up to one year, allowing you to track trends and analyze past weather conditions.

5. Placement Options

The main unit can be placed on a tabletop using its integrated stand or wall-mounted for convenience.

Table Stand



Wall Mounted



Image: Raddy N75 Weather Station displayed in both tabletop and wall-mounted configurations.

MAINTENANCE

- **Cleaning:** Wipe the display and unit with a soft, dry cloth. Avoid abrasive cleaners or solvents.
- **Battery Replacement:** Replace batteries in the wireless sensor when the low battery indicator appears on the main unit.
- **Sensor Placement:** Periodically check the outdoor sensor's placement to ensure it remains protected from direct sunlight and heavy precipitation for accurate readings.

Troubleshooting

Problem	Possible Cause	Solution
No display on main unit	Power adapter disconnected; batteries drained (if using backup)	Ensure power adapter is securely connected. Check/replace backup batteries.
Outdoor sensor not displaying data	Sensor out of range; low sensor battery; interference	Move sensor closer to the main unit. Replace sensor batteries. Reduce interference from other electronic devices.
Wi-Fi connection issues	Incorrect Wi-Fi band (5GHz); incorrect password; weak signal	Ensure you are connecting to a 2.4GHz Wi-Fi network. Double-check Wi-Fi password. Move unit closer to router.
Inaccurate temperature readings	Sensor exposed to direct sunlight or heat sources	Relocate the outdoor sensor to a shaded area, away from direct sunlight or heat sources.
Display too dim	Backlight setting too low; unit not plugged in	Adjust backlight brightness using the side controls. Ensure the unit is powered via the adapter for continuous bright display.

Specifications

Feature	Detail
Model	N75
Display Type	7.5" Full-Color Display
Connectivity	Wi-Fi (2.4GHz)
Power Source (Main Unit)	DC 5V 1A Adapter (included), 2x AA batteries (backup, not included)
Power Source (Outdoor Sensor)	2x AA batteries (not included)
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)
Humidity Range	20% to 95% RH
Wireless Transmission Range	Up to 100m (328ft) in open area
Dimensions (Main Unit)	20.5cm (8.1") x 12.8cm (5")
Dimensions (Outdoor Sensor)	9.5cm (3.7") x 4.8cm (1.9")



Image: Detailed dimensions of the Raddy N75 main unit and its wireless sensor.

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the contact details provided on the product packaging or visit the official Raddy website. Keep your purchase receipt for warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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