

NOYafa NF-563

Noyafa NF-563 Digital Thermometer and Hygrometer User Manual

Model: NF-563

1. INTRODUCTION

The Noyafa NF-563 is a portable digital thermometer and hygrometer designed for accurate measurement of temperature and relative humidity. This device is suitable for various applications including indoor and outdoor environmental monitoring, HVAC systems, agriculture, and industrial settings. It features a high-precision sensor, backlit LCD screen, and multiple measurement functions to provide reliable data.

2. PRODUCT FEATURES

- High-precision sensors for accurate readings.
- Measures temperature and relative humidity.
- Calculates dew point and wet bulb temperature.
- Data hold function.
- MAX/MIN value display.
- Switchable temperature units (Celsius/Fahrenheit).
- Backlit LCD display for clear visibility in various lighting conditions.
- Low power warning indicator.
- Automatic power-off function to conserve battery life.



Figure 2.1: Overview of Noyafa NF-563 functions and display.



Figure 2.2: Detail of the high-precision sensor for accurate measurements.



Figure 2.3: The HD backlit display ensures readability in various lighting conditions.

3. SETUP

3.1 Battery Installation

The Noyafa NF-563 requires batteries for operation. To install or replace batteries:

1. Locate the battery compartment on the back of the device.
2. Open the battery compartment cover.
3. Insert the required batteries, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.

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Video 3.1: This video demonstrates the battery installation process for the Noyafa NF-563 and initial power-on sequence.



Figure 3.1: Front and back view of the Noyafa NF-563, indicating the battery compartment.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

To power on the device, press and hold the power button (**On/Off**) until the display illuminates. To power off, press and hold the power button again.

4.2 Switching Temperature Units

The device can display temperature in Celsius (°C) or Fahrenheit (°F). To switch between units, short press the **°C/°F** button.

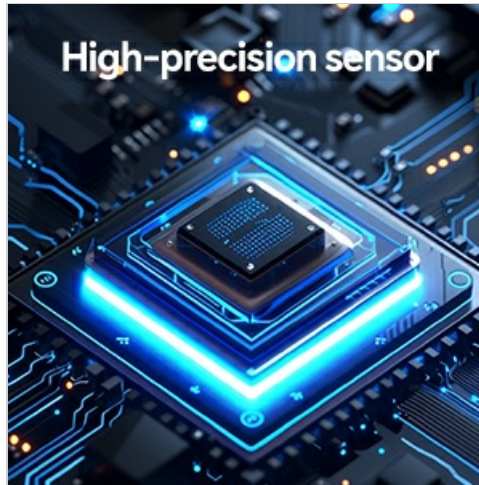


Figure 4.1: Switching between Celsius and Fahrenheit temperature units.

4.3 Data Hold Function

To freeze the current readings on the display, press the **HOLD BL** button. Press it again to release the hold and resume live readings.

4.4 MAX/MIN Measurement

To view the maximum or minimum recorded temperature and humidity values, press the **MAX MIN** button. Each press will cycle through MAX, MIN, and current readings.

4.5 Backlight Control

To activate or deactivate the display backlight, press and hold the **HOLD BL** button.

5. MAINTENANCE

5.1 Cleaning

Wipe the device with a soft, dry cloth. Do not use abrasive cleaners or solvents. Ensure the sensor area is kept clean and free from dust or debris for accurate readings.

5.2 Storage

When not in use for extended periods, remove the batteries to prevent leakage. Store the device in a cool, dry place away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

6.1 No Display/Device Not Turning On

- Check if the batteries are installed correctly with the right polarity.
- Replace old or depleted batteries with new ones.

- Ensure the power button is pressed and held sufficiently.

6.2 Inaccurate Readings

- Ensure the sensor probe is clean and unobstructed.
- Allow the device to stabilize in the measurement environment for a few minutes.
- Avoid placing the device near heat sources, direct sunlight, or strong air currents that could affect readings.
- Verify that the device is within its specified operating temperature and humidity ranges.

6.3 Display Flickering or Unresponsive

- Replace batteries if the low power indicator is on or if the display is dim.
- Try restarting the device by removing and reinserting the batteries.

7. SPECIFICATIONS

Feature	Specification
Brand	NOYAFIFA
Model	NOYAFIFA-NF563
Temperature Range	32°F to 140°F (0°C to 60°C)
Temperature Accuracy	±0.5556°F (±0.3°C)
Humidity Range	0% to 100% RH
Humidity Accuracy	±3% RH (at 25°C, 20%~80% RH)
Voltage	3.7 Volts (Battery dependent)
Mounting Type	Tabletop

8. WARRANTY AND SUPPORT

8.1 Warranty Information

NOYAFIFA products are typically covered by a limited warranty against defects in materials and workmanship. Please refer to the warranty card included with your product or visit the official NOYAFIFA website for specific warranty terms and conditions.

8.2 Customer Support

For technical assistance, troubleshooting, or product inquiries, please contact NOYAFIFA customer support through their official website or the contact information provided in your product packaging. Ensure you have your model number (NF-563) and purchase details ready when contacting support.

