

1. Overview



The NOKLEAD Thermometer Hygrometer is a compact indoor device designed to monitor room temperature and humidity. It features a digital display with a comfort indicator face symbol and allows switching between Celsius and Fahrenheit units.

The device is intended for use in rooms such as bedrooms, living rooms, offices, greenhouses, and baby rooms to help assess environmental conditions.

2. Specifications

- **Brand:** NOKLEAD
- **Colour:** Zwart (Black)
- **Product Dimensions:** 46 mm (W) x 12 mm (H) / 1.7 x 1.7 x 11.94 cm
- **Item Weight:** 132 g
- **Mounting Type:** Table top, surface mount
- **Battery:** 2 x CR2032 (included)

Measurement Specifications

- **Temperature Range:** -10°C to 60°C

- **Temperature Accuracy:** $\pm 1^{\circ}\text{C}$
- **Temperature Resolution:** 0.1°C
- **Humidity Range:** 10% RH to 95% RH
- **Humidity Accuracy:** $\pm 3\text{-}5\%$ RH
- **Humidity Resolution:** 1% RH
- **Operating Humidity:** 10% to 95%
- **Upper Temperature Rating:** 60 Degrees Celsius

3. Features and Components



3.1 Display and Indicators

The main digital display shows the following information:

- **Temperature Reading:** Displayed as a numerical value.
- **Humidity Reading:** Displayed as a numerical percentage (% RH).
- **Face Symbol (Comfort Indicator):** A graphical face that changes expression to provide an at-a-glance assessment of the comfort level based on the current temperature and humidity.
- **Unit Indicator:** Shows either "°C" for Celsius or "°F" for Fahrenheit.

3.2 Physical Features

- **Compact Housing:** Small, square design approximately 5cm in size.
- **Tabletop Stand:** Allows the device to stand upright on a flat surface.

4. Use Guide

4.1 Initial Setup

1. Remove the battery cover on the back of the device.
2. Insert 2 x CR2032 batteries, observing the correct polarity (+/-) as indicated inside the battery compartment.
3. Replace the battery cover.
4. The display will activate and show the current temperature and humidity readings.

4.2 Placing the Device

- Place the device on a stable, flat surface in the room you wish to monitor.
- For accurate readings, avoid placing the device in direct sunlight, near heat sources (radiators, ovens), in drafts, or in areas with excessive moisture (like directly above a kettle).
- Allow a few minutes for the readings to stabilize after moving the device to a new location.

4.3 Switching Temperature Units

To switch between degrees Celsius (°C) and degrees Fahrenheit (°F):

1. Locate the unit switch button (typically on the side or back of the device).
2. Press the button to toggle between the two temperature units. The unit symbol on the display will change accordingly.

4.4 Interpreting the Comfort Face Symbol

The face symbol provides a simple comfort assessment:

- A **smiling face** typically indicates a comfortable temperature and humidity range.
- Other expressions (e.g., neutral or frowning) may indicate conditions that are too dry, too humid, too hot, or too cold for typical comfort.

4.5 Reading the Data

The device updates measurements in real-time. Read the numerical values for precise temperature and humidity levels, and use the face symbol for a quick comfort check.

5. Maintenance and Care

5.1 Battery Replacement

When the display becomes dim or stops functioning:

1. Remove the battery cover.
2. Replace both CR2032 batteries with new ones.
3. Ensure the batteries are inserted with the correct polarity.
4. Replace the cover. The device will restart.

5.2 Cleaning

- Wipe the exterior of the device with a soft, dry cloth.
- Do not use abrasive cleaners, solvents, or immerse the device in water.
- Keep the sensor area free from dust and obstructions.

6. Troubleshooting

- **No Display:** Check that the battery cover is securely closed. Replace batteries with new CR2032 batteries.
- **Inaccurate Readings:** Ensure the device is not placed near a heat source, in direct sunlight, or in a drafty area. Allow time for readings to adjust after moving.
- **Display is Dim:** Batteries are low. Replace both CR2032 batteries.
- **Unit Will Not Switch:** Press the unit button firmly. If the problem persists after battery replacement, the device may be faulty.

7. Compliance and Disposal

Battery Disposal: Dispose of used batteries according to your local regulations. Do not dispose of in household waste.

Product Disposal: This product should not be disposed of with regular household waste at the end of its life. Please recycle it according to local electronic waste (WEEE) regulations. Some regions may offer free recycling services.

Country of Origin: China

Manufacturer: NOKLEAD

Item Model Number: 6223P4

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Warning

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