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› AcuRite Notos 3N1TXC (3-in-1) Wireless Weather Sensor User Manual

AcuRite 06008RM

AcuRite Notos 3N1TXC (3-in-1) Wireless Weather Sensor User Manual

Model: 06008RM

PRODUCT OVERVIEW

The AcuRite Notos 3N1TXC (3-in-1) Wireless Weather Sensor is designed to accurately measure three key outdoor conditions: wind speed, temperature, and humidity. This high-precision sensor wirelessly transmits its readings at up to 18-second intervals, with a range of up to 330 feet (100 meters). It can be paired with an indoor digital display (sold separately) for at-a-glance viewing of current conditions, or integrated with the AcuRite smartHUB (sold separately) for remote monitoring via smartphone, computer, or tablet. The sensor is built for easy setup and features a 2-year battery life for reliable, maintenance-free operation.





Image: The AcuRite Notos 3-in-1 Wireless Weather Sensor, showing its white, multi-tiered design with wind cups at the top.

SETUP AND INSTALLATION

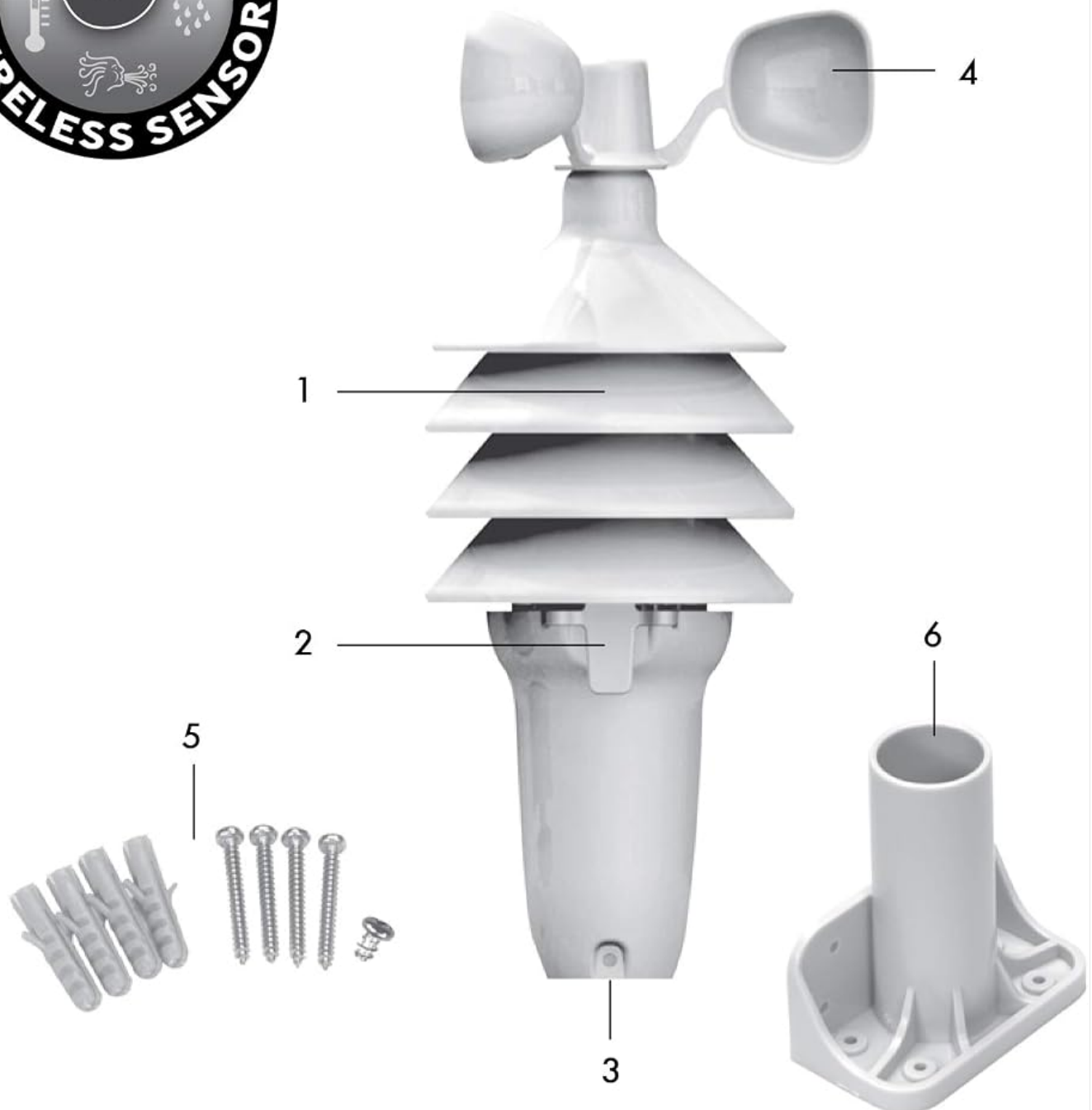
1. Unpacking and Components

Carefully remove all components from the packaging. Ensure you have the following:

- AcuRite Notos 3-in-1 Wireless Weather Sensor
- Mounting Hardware (plastic anchors, long screws, set screw)
- Mounting Bracket
- Instruction Manual (this document)

Features & Benefits





3-in-1 SENSOR

- 1. Temperature & Humidity Sensors**
(internal)
- 2. Release Lever for Battery Access**
- 3. Mounting Point**
- 4. Wind Speed Anemometer**

- 5. Mounting Hardware**
Includes anchors and screws.
Qty

- 4 Plastic Anchors
- 4 Long Screws
- 1 Set Screw

- 6. Mounting Bracket**
- 7. A-B-C Switch** (not shown)

Image: A diagram illustrating the 3-in-1 sensor and its included mounting hardware, including the temperature & humidity sensors (internal), release lever for battery access, mounting point, wind speed anemometer, mounting hardware (anchors and screws), and mounting bracket.

2. Battery Installation

The sensor requires 4 AA alkaline or lithium batteries (not included). Lithium batteries are recommended for temperatures below -4°F (-20°C).

1. Remove the sensor from its mounting post or bracket if already installed.
2. Locate the release clip at the base of the sensor unit. Press the clip to detach the lower section, exposing the battery compartment.
3. Insert 4 AA batteries, observing the polarity (+/-) diagrams inside the compartment.
4. Locate the A-B-C switch inside the battery compartment. Select a channel (A, B, or C) that is different from any other AcuRite sensors you may have to avoid interference. Ensure your indoor display or smartHUB is set to the same channel.
5. Close the battery compartment securely until it clicks into place.





Image: A cutaway view of the AcuRite 3-in-1 sensor, revealing the internal components including the battery compartment at the base.

3. Mounting the Sensor

For optimal performance, choose a location that is:

- At least 5 feet (1.5 meters) off the ground.
- Away from heat sources (e.g., air conditioners, exhaust vents).
- Away from large metal objects or thick walls that could interfere with wireless transmission.
- In an open area to allow for accurate wind speed measurement.

Use the included mounting hardware to secure the mounting bracket to a sturdy surface. Then, slide the sensor onto the bracket until it locks into place.



Image: The AcuRite 3-in-1 sensor mounted on a pole outdoors, with green foliage in the background, demonstrating a typical installation.

OPERATING THE SENSOR

Once batteries are installed and the sensor is mounted, it will automatically begin transmitting data. The sensor measures:

- **Wind Speed:** Measured by the rotating anemometer cups.
- **Temperature:** Measured by an internal sensor.
- **Humidity:** Measured by an internal sensor.

Data is sent wirelessly to a compatible AcuRite indoor display or smartHUB every 18 seconds. Ensure your display or smartHUB is within the 330-foot (100-meter) range and set to the same A-B-C channel as the sensor.

MAINTENANCE

Battery Replacement

The sensor features a 2-year battery life under normal operating conditions. When the batteries are low, your connected indoor display or smartHUB will typically indicate a low battery warning. To replace batteries, follow the steps outlined in the "Battery Installation" section above.

General Care

- Periodically clean the exterior of the sensor with a damp cloth to remove dirt or debris that may accumulate.
- Ensure the wind cups rotate freely and are not obstructed.
- Avoid using abrasive cleaners or solvents, as these may damage the plastic components.
- In extreme weather conditions (e.g., heavy snow, ice storms), consider temporarily relocating the sensor to a sheltered area to prevent damage, if feasible.

TROUBLESHOOTING

Problem	Possible Solution
No data reception on display/smartHUB	Ensure sensor and display/smartHUB are set to the same A-B-C channel. Check battery levels in both sensor and display. Replace if low. Relocate sensor closer to the display/smartHUB, ensuring it's within the 330 ft (100 m) range. Reduce sources of wireless interference (e.g., large metal objects, electronics). Perform a hard reset: Remove batteries from both units, wait 1 minute, then reinsert batteries into the sensor first, then the display/smartHUB.
Inaccurate temperature/humidity readings	Ensure sensor is not exposed to direct sunlight or heat sources. Verify sensor is mounted in a well-ventilated area. Clean the sensor's exterior to remove any debris affecting readings.
Wind cups not spinning or inaccurate wind speed	Check for obstructions (e.g., spiderwebs, leaves) preventing the cups from spinning freely. Ensure the sensor is mounted in an open area, clear of buildings or trees that could block wind.

SPECIFICATIONS

Feature	Detail
Model Number	06008RM
Power Source	Battery Powered (4 AA batteries required, not included)
Wireless Frequency	433 MHz
Wireless Range	Up to 330 feet (100 meters)
Data Transmission Interval	Every 18 seconds
Temperature Accuracy	+/- 2 degrees Fahrenheit
Dimensions (H x W x D)	9.25 x 5.3 x 5.3 inches

Feature	Detail
Weight	1.14 Pounds
Material	Metal (internal components), Plastic (exterior)
Included Components	Mounting Hardware, Instruction Manual

WARRANTY AND SUPPORT

For detailed warranty information, please refer to the official AcuRite website or the full user manual. AcuRite products are designed for reliability and performance.

If you require further assistance or have questions not covered in this manual, please visit the AcuRite support website or consult the comprehensive user manual available online:

Download Full User Manual
(PDF)

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