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OBET B61

OBET Wireless Temperature Sensor Instruction Manual

Model: B61 (Compatible with B61, B62, B63, B66 Thermometers)

Brand: OBET

1. INTRODUCTION

Thank you for choosing the OBET Wireless Temperature Sensor. This sensor is designed to expand the monitoring capabilities of your compatible OBET indoor/outdoor thermometer (models B61, B62, B63, B66), allowing you to measure temperature and humidity in additional locations. With its robust wireless transmission and accurate readings, you can effectively monitor environmental conditions in various areas of your home or patio.

2. SAFETY INFORMATION

- Do not expose the sensor to direct sunlight or heavy rain. Place it under a porch or eaves for optimal performance and longevity.
- Do not immerse the sensor in water or any other liquids.
- Keep the device away from extreme temperatures, open flames, and strong magnetic fields.
- Use only the specified battery type (2 AA batteries). Ensure correct polarity during installation.
- Keep batteries out of reach of children. If swallowed, seek immediate medical attention.
- Dispose of used batteries and the device according to local regulations.

3. SETUP

3.1. Battery Installation

The OBET Wireless Temperature Sensor requires two (2) AA batteries (not included). Follow these steps to install the batteries:

1. Locate the battery compartment cover on the back of the sensor.
2. Slide the cover downwards to open the compartment.
3. Insert two AA batteries, ensuring the correct positive (+) and negative (-) polarity as indicated inside the compartment.
4. Close the battery compartment cover securely.



Figure 1: Battery Compartment on the back of the sensor.

3.2. Sensor Placement

For optimal performance and accurate readings, place the wireless sensor in a location that is protected from direct sunlight and heavy rain. Ideal locations include:

- Under a porch or overhang.
- Beneath eaves.
- In a shaded, well-ventilated area.

Avoid placing the sensor near heat sources (e.g., air conditioning units, vents, direct sunlight) or in areas with high humidity that could affect its accuracy or damage the unit.



Figure 2: Recommended outdoor placement for the sensor.

3.3. Pairing with Base Station

The sensor is designed to automatically pair with compatible OBET base stations (B61, B62, B63, B66). Ensure your base station is powered on and within range. The sensor will transmit its readings to the base station once a connection is established. The base station can support up to three remote wireless sensors for multi-location monitoring.



Figure 3: OBET Wireless Temperature Sensor.

4. OPERATING INSTRUCTIONS

Once the sensor is set up and paired with your OBET base station, it will continuously transmit temperature and humidity data. The base station will display these readings along with its own indoor measurements, forecast, and barometric pressure.

4.1. Temperature and Humidity Readings

The sensor provides accurate temperature and humidity readings within the specified ranges:

- **Indoor Temperature Range:** 14.2°F to 122°F (-9°C to 50°C)
- **Outdoor Temperature Range:** -40°F to 158°F (-40°C to 70°C)

4.2. Transmission Distance

The sensor can transmit data to the base station up to 500 feet (150 meters) in open areas. Obstacles such as walls, large metal objects, or other electronic devices may reduce the effective transmission range.

4.3. Multi-Location Monitoring

Your compatible OBET base station can connect with up to three remote wireless sensors, allowing you to monitor conditions in different areas simultaneously. Each sensor's data will be displayed in a dedicated section on the base station's screen.

5. MAINTENANCE

- **Cleaning:** Wipe the sensor with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** Replace batteries when the low battery indicator appears on your base station for the corresponding sensor. Ensure to use fresh AA batteries.
- **Storage:** If storing the sensor for an extended period, remove the batteries to prevent leakage and corrosion.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No temperature/humidity reading from sensor.	Batteries are dead or incorrectly installed. Sensor is out of range or obstructed.	Check battery polarity and replace if necessary. Move sensor closer to the base station. Remove any large obstructions between the sensor and base station.
Inaccurate readings.	Sensor exposed to direct sunlight, heat sources, or extreme humidity.	Relocate the sensor to a shaded, well-ventilated area, protected from direct elements. Allow time for readings to stabilize.
Short transmission range.	Obstructions (walls, metal objects) or interference from other electronics.	Reduce obstructions between sensor and base station. Move sensor or base station away from other electronic devices.

7. SPECIFICATIONS

Feature	Detail
Model Name	B61 (Wireless Temperature Sensor)
Compatibility	OBET B61, B62, B63, B66 Indoor/Outdoor Thermometers
Indoor Temperature Range	14.2°F-122°F (-9°C -50°C)
Outdoor Temperature Range	-40°F-158°F (-40°C-70°C)
Transmission Distance	Up to 500 feet (150 meters) in open areas
Power Source	2 x AA Batteries (Sensor)
Material	Plastic
Special Feature	Wireless
Dimensions	4.76 x 2.01 x 1.34 inches
Weight	1.76 ounces

8. WARRANTY AND SUPPORT

OBET products are manufactured with high-quality standards. For specific warranty information and terms, please refer to the warranty card included with your original OBET thermometer base station or visit the official OBET website. If you encounter any issues or require technical assistance, please contact OBET customer support through the contact information provided on the product packaging or the official website.

For more information, visit the [OBET Store on Amazon](#).

