

OBET B62

OBET B62 Wireless Indoor Outdoor Thermometer User Manual

Model: B62

1. INTRODUCTION

The OBET B62 Wireless Indoor Outdoor Thermometer is designed to provide accurate temperature and humidity readings for both indoor and outdoor environments. This device features a clear LCD color screen, a remote sensor with a long transmission range, and a 12-hour weather forecast function. This manual provides detailed instructions for setting up, operating, and maintaining your thermometer.

2. PRODUCT OVERVIEW

The OBET B62 system consists of a main display unit and one wireless remote sensor. It can support up to three remote sensors (additional sensors sold separately) to monitor multiple locations simultaneously.

- **Accurate Readings:** Provides temperature accuracy of $\pm 0.5^{\circ}\text{F}$ and humidity accuracy of $\pm 2\%$.
- **Weather Forecast:** Displays 7 weather icons to predict conditions for the next 12 hours based on atmospheric pressure changes.
- **Extended Range:** The remote sensor transmits data up to 500 feet (150 meters) in open areas.
- **Adjustable Display:** LCD color screen with three brightness levels (high, low, off) when powered via USB.
- **Multiple Placement Options:** The main unit can be placed on a tabletop or wall-mounted.



Image: The main display unit and the remote sensor, illustrating their compact design and typical use.

3. PACKAGE CONTENTS

- 1 x OBET B62 Main Display Unit
- 1 x OBET Wireless Remote Sensor (Model: BTX2)
- 1 x USB Power Cable (Note: USB power adapter not included)
- 1 x User Manual

Batteries are NOT included. You will need:

- 3 x AAA batteries for the Main Display Unit (for backup power)
- 2 x AA batteries for the Wireless Remote Sensor

4. SETUP INSTRUCTIONS

4.1. Install Batteries in Remote Sensor

1. Open the battery compartment on the back of the remote sensor.

2. Insert 2 x AA batteries, observing the correct polarity (+/-).
3. Close the battery compartment securely.

4.2. Power the Main Display Unit

The main display unit can be powered by a USB cable or by batteries for backup.

1. **USB Power:** Connect the provided USB cable to the main unit and plug the other end into a USB power adapter (not included) or a USB port. This will keep the display continuously lit.
2. **Battery Backup:** Open the battery compartment on the back of the main unit. Insert 3 x AAA batteries, observing the correct polarity (+/-). These batteries will provide backup power in case of a power outage or allow for portable use with a temporary display.

REMOTE MONITOR UP TO 3 AREAS



Image: Diagram showing the USB power input on the main display unit and the touch-sensitive light button for brightness control.

4.3. Pairing the Remote Sensor

The main unit and remote sensor should automatically pair once both are powered on. If pairing does not occur:

1. Ensure both units have fresh batteries or are properly powered.
2. Place the remote sensor near the main unit.
3. Press the 'CH' (Channel) button on the back of the main unit to cycle through channels until the sensor's data appears.

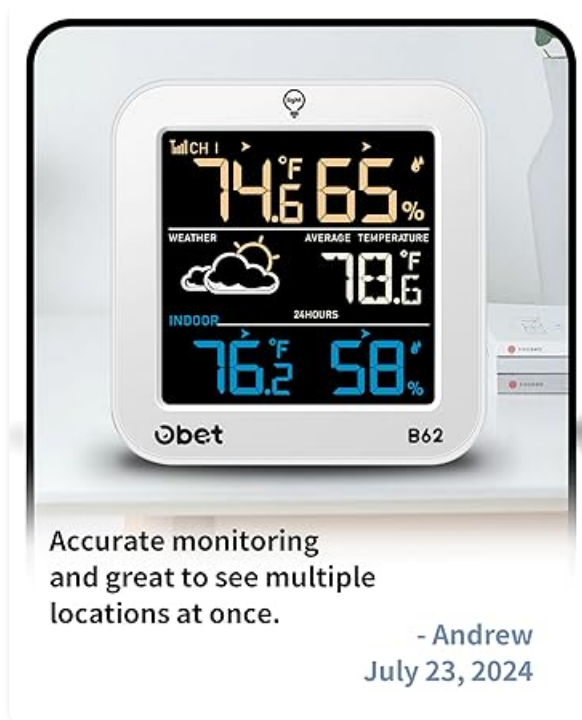
4.4. Placement

For optimal performance, consider the following placement guidelines:

- **Main Display Unit:** Place indoors in a central location, away from direct sunlight or heat sources that could affect indoor temperature readings. It can be placed on a tabletop using its built-in stand or mounted on a wall using the hanging hole.
- **Remote Sensor:** Place outdoors in a shaded area, protected from direct rain and sunlight, which can cause inaccurate readings. Ensure it is within the 500-foot transmission range of the main unit. Avoid placing it near large metal objects or electrical appliances that could interfere with the wireless signal.



Image: The main display unit showing both a hanging hole for wall mounting and a durable stand for tabletop placement.



Accurate monitoring and great to see multiple locations at once.

- Andrew
July 23, 2024

Image: Illustrates the capability of the remote sensor to transmit a steady signal to the main unit from up to three different areas, such as a living room, baby room, or outdoor patio.

5. OPERATING INSTRUCTIONS

5.1. Display Overview

The LCD color screen displays various information:

- **Outdoor Temperature & Humidity:** Readings from the remote sensor.
- **Indoor Temperature & Humidity:** Readings from the main unit's built-in sensor.
- **Weather Forecast:** Icons indicating predicted weather for the next 12 hours.
- **Time & Date:** Current time and date.
- **MAX/MIN Records:** Highest and lowest recorded temperatures and humidity.
- **Average Temperature:** Average temperature over 24 hours or 30 days.



2 PLACEMENT OPTIONS

Tabletop Stand / Wall Mount



Image: A close-up of the main display unit, showing indoor and outdoor temperature and humidity, weather forecast icons, and time.

5.2. Adjustable Brightness

When the main unit is powered via the USB cable, you can adjust the display brightness:

- Touch the 'LIGHT' button on the top of the main unit to cycle through High, Low, and Off brightness settings.
- If running on batteries only, the display will turn off after a few seconds to conserve power. Touch the 'LIGHT' button to temporarily illuminate the screen.



Image: Shows the main unit display with three different backlight intensities (100%, 50%, 0%) and highlights the USB power connection for continuous illumination.

5.3. Changing Temperature Units (°F/°C)

Press the 'WEATHER' button on the back of the main unit to switch between Fahrenheit (°F) and Celsius (°C) display.

5.4. Weather Forecast

The weather station predicts the weather for the next 12 hours based on changes in atmospheric pressure. The displayed icon represents the forecast, not necessarily the current weather. The 7 forecast icons include Sunny, Partly Cloudy, Overcast, Rain, Thunderstorm, Snow, and Blizzard.



Image: Displays the seven different weather forecast icons (Sunny, Partly Cloudy, Overcast, Rain, Thunderstorm, Snow, Blizzard) and how they appear on the main unit's screen.

5.5. MAX/MIN Records and Trend Indicator

The unit records and stores the maximum and minimum temperature and humidity values within a 24-hour period. Trend indicators (arrows) show whether temperature and humidity are rising, falling, or remaining steady.

- Short press the 'RECORD' button on the back to view MAX and MIN values.
- Press and hold the 'RECORD' button for 3 seconds to clear the recorded data.



Image: Graphs illustrating the 24-hour maximum and minimum temperature and humidity records for both indoor and outdoor environments, along with trend indicators.

5.6. Average Temperature

The device can display the average temperature over 24 hours or 30 days.

- Press the 'AVERAGE' button on the back to cycle through average temperature displays.

TWO INSTALLATION METHODS



Image: The main display unit showing the average temperature reading, with text indicating 24-hour and 30-day averages.

5.7. Channel Selection (for multiple sensors)

If you have multiple remote sensors (up to 3), use the 'CH' button on the back of the main unit to switch between the channels (CH1, CH2, CH3) to view data from each sensor.

6. MAINTENANCE

- **Cleaning:** Wipe the display unit and remote sensor with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** Replace batteries in both units when the low battery indicator appears on the display. Ensure correct polarity.
- **Storage:** If storing the device for an extended period, remove all batteries to prevent leakage.

7. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|--|--|--|
| No outdoor reading / Dashes on display | Remote sensor out of range, low batteries, interference, or not paired. | Move sensor closer to main unit. Replace batteries in sensor. Avoid sources of interference (e.g., large metal objects, electronics). Re-pair by pressing 'CH' button. |
| Inaccurate readings | Sensor exposed to direct sunlight, heat sources, or moisture. | Relocate the remote sensor to a shaded, dry area. Ensure the main unit is not near heat/cold sources. |
| Display is dim or off (on battery power) | Battery saving mode activated. | Touch the 'LIGHT' button to temporarily illuminate the display. For continuous illumination, use the USB power cable. |
| Weather forecast seems incorrect | Forecast is for the next 12 hours, not current conditions. Unit needs time to learn atmospheric pressure patterns. | Allow 7-14 days for the weather station to calibrate to local atmospheric pressure. Understand that the forecast is a prediction, not a real-time report. |

8. SPECIFICATIONS

| Feature | Detail |
|------------------------------------|---|
| Brand | OBET |
| Model | B62 |
| Display Type | LCD Color Screen |
| Indoor Temperature Range | 14.2°F to 122°F (-9.9°C to 50°C) |
| Outdoor Temperature Range | -40°F to 158°F (-40°C to 70°C) |
| Temperature Accuracy | +/-0.5°F (0.28°C) |
| Humidity Range | 1% to 99% Relative Humidity |
| Humidity Accuracy | +/-2% |
| Wireless Transmission Range | Up to 500 feet (150 meters) in open air |
| Number of Remote Sensors Supported | Up to 3 (1 included) |
| Power Source (Main Unit) | USB Powered (for continuous display), 3 x AAA batteries (for backup/portable use) |
| Power Source (Remote Sensor) | 2 x AA batteries |
| Material | Metal, Plastic |
| Item Weight | 8.1 ounces (0.23 Kilograms) |
| Package Dimensions | 5.91 x 4.72 x 1.34 inches |

9. WARRANTY AND SUPPORT

OBET is committed to providing satisfactory products and services. This product comes with a **Lifetime Warranty**.

If you have any questions, encounter issues, or require assistance with your OBET B62 Wireless Indoor Outdoor Thermometer, please contact OBET customer support. Refer to the product packaging or the official OBET website for the most current contact information.