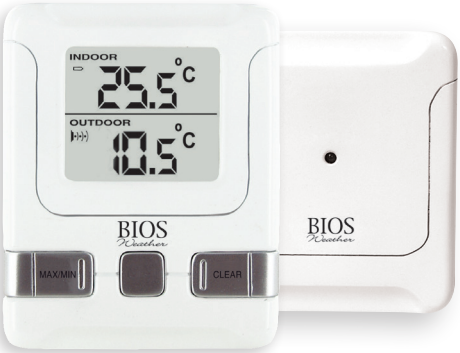
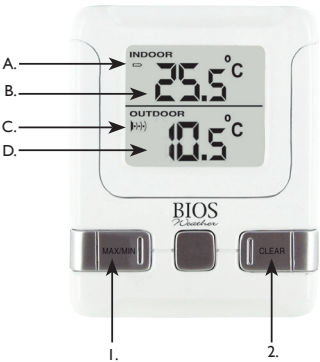
BIOS Weather™

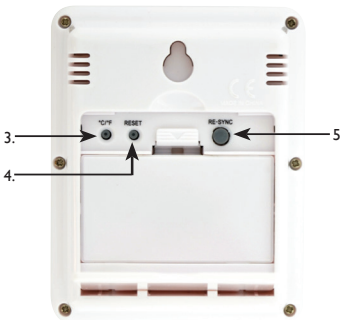
Indoor/Outdoor Wireless Thermometer



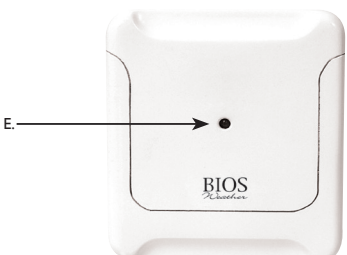
01/09/2024

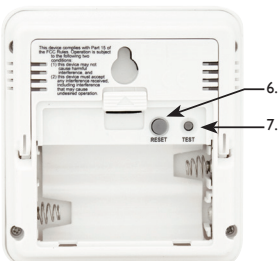
Indoor Monitor





Indoor Monitor





Indoor/Outdoor
Wireless Thermometer
Instruction Manual

Monitor:
A. Battery Icon
B. Indoor Temperature
C. Signal Detection Icon
D. Outdoor Temperature

1. MAX/MIN Button
2. CLEAR Button
3. °C/°F Button
4. RESET Button
5. RE-SYNC Button

Remote Sensor:
E. Transmission Indication LED

6. RESET Button
7. Test Button (not functional)

Before You Begin

1.0 Setup procedure:

1. Insert batteries into the monitor first.
2. Place the monitor as close as possible next to the remote sensor and insert the batteries into the remote sensor.
3. Position the monitor and remote sensor within effective transmission range, which in usual circumstances is 20 to 30 meters (65 to 100 feet). The range is affected by the building materials and where the monitor and remote sensor are positioned; try various locations for the best results.

Note: The remote sensor should be placed in a shaded area for accurate readings.

1.1 Getting Started

Once the remote sensor has been powered up (or the **RESET** button has been pressed), the transmission signal is immediately sent to the monitor. The monitor will attempt to search for the signal for 3 minutes.

Once the signal is received, the dashes (--.-°F) on the monitor will change to the current outdoor temperature. If after 3 minutes the screen does not change to show the outdoor temperature, press the **RE-SYNC** button on the monitor. The monitor will now attempt to search for the signal for another 3 minutes.

2.0 Troubleshooting

Press the **RESET** button at any time your display shows dashes (--.-°F) and/or ensure that the remote sensor is in direct line to the monitor.

If the outdoor temperature cannot be received, check:

1. The distance between the monitor or remote sensor should be at least 0.9 to 1.2 meters (3 to 4 feet) away from any interfering sources such as computer monitors or TV sets.
2. Avoid placing the monitor onto or in the immediate proximity of metal window frames.
3. Using other electrical products such as headphones or speakers operating on the same signal frequency (433MHz) may prevent correct signal transmission and reception.
4. Neighbors using electrical devices operating on the 433MHz signal frequency can also cause interference.

5. Signals from other household devices, such as doorbells and home security systems, may temporarily interfere with the units and cause reception failure. The transmission and reception of temperature reading will resume once the interference has stopped.

The maximum transmission range is 30 meters (100 feet) from the remote sensor to the monitor (in open space). However, this depends on the surrounding environment and interference levels. The temperature signal travels in a straight line from the remote sensor to the monitor. The signal will not curve around an object. If no reception is possible, despite the observation of these factors, all units will have to be reset.

Note: To reset unit please see 1.0 Setup Procedure.

3.0 Maximum and Minimum Temperature

1. Press the **MAX/MIN** button once to display the indoor and press again for the outdoor max/min temperature recorded.
2. To clear the memory, press the **CLEAR** button when the max/min temperature is displayed. It will clear the record of the shown temperature field.

4.0 °C/°F Switchable

The default measurement for temperature is °F, press the **°C/°F** button to toggle between °C and °F.

5.0 Signal Detection

The signal indicator on the monitor will display the following in the outdoor temperature window:

---	No Signal Detected
	Signal Detected
	Successful Reception

6.0 Care of Your Thermometer

- Avoid exposing the thermometer to extreme temperatures, water or severe shock.
- Avoid contact with any corrosive materials such as alcohol, cleaning agents or perfume.
- **Do not** subject the thermometer to excessive force, shock, dust, temperature or humidity. Any of these conditions may shorten the life of the thermometer.
- **Do not** tamper with any of the internal components of this thermometer. This will void the warranty and may cause damage.

7.0 Specifications

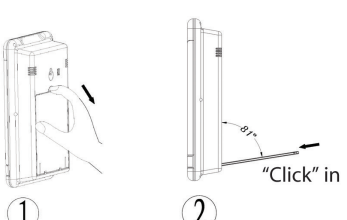
Temperature Measuring Range	
Monitor	-50°C to 70°C with 0.1°C resolution -58°F to 158°F with 0.1°F resolution
Remote Sensor	-50°C to 70°C with 0.1°C resolution -58°F to 158°F with 0.1°F resolution
Temperature Checking Interval	
Monitor	Every 30 seconds
Remote Sensor	Every 30 seconds
Power Source	
Monitor	2 x AA batteries, 1.5V batteries
Remote Sensor	2 x AA batteries, 1.5V batteries (Lithium batteries are recommended for the winter months)
Battery Life	About 12 months

8.0 Remote Sensor

To prevent temperature interference, place the remote sensor away from direct sunlight, air conditioning, and heater vents. The remote sensor is splash proof designed, never immerse into water or expose to heavy rain. The remote sensor can be mounted on a wall or placed on any flat surface.

9.0 Monitor

The monitor can be mounted on a wall or placed on any flat surface.



10.0 One Year Warranty

The BIOS Weather Indoor/Outdoor Wireless Thermometer has a one year warranty to be free of manufacturing defects in materials and workmanship under normal applications for one year of the original owner. If this product becomes inoperable due to defect, return the product with all component pieces and proof of purchase to the address listed below. This warranty does not cover any shipping/transport costs. This warranty does not apply if the product is subject to misuse, neglect, rough handling or damage.

Ship the unit prepaid and insured (at owner's option) to

Thermor Ltd.
Attn: Returns Department
16975 Leslie Street
Newmarket, ON L3Y 9A1

www.biosmedical.com
Email: support@biosmedical.com

11.0 Industry Canada/FCC Statement

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.



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