BIOS™ MC
Weather

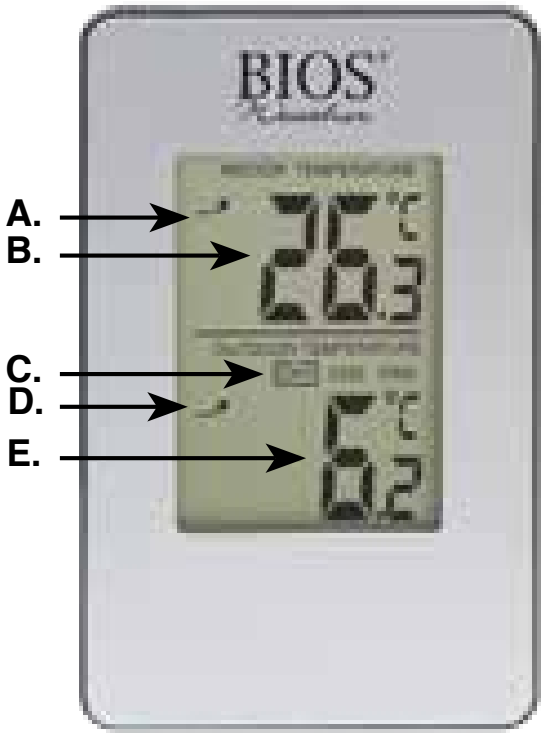
Indoor/Outdoor Wireless Thermometer 315BC

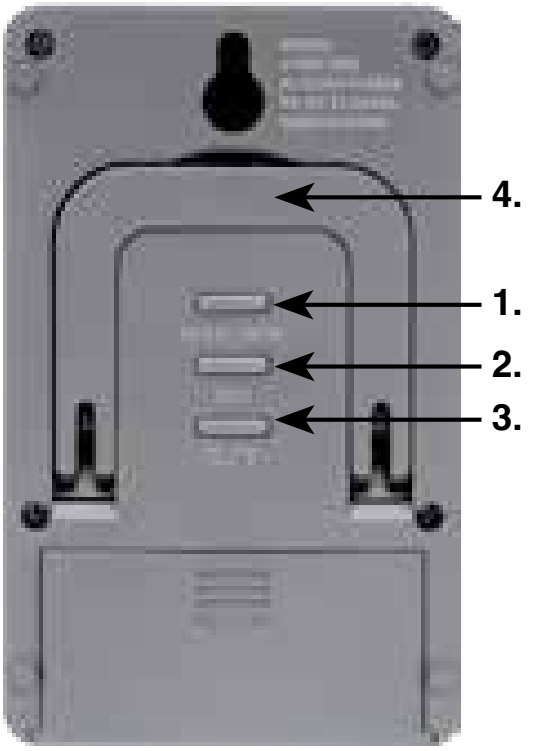
Instruction Manual





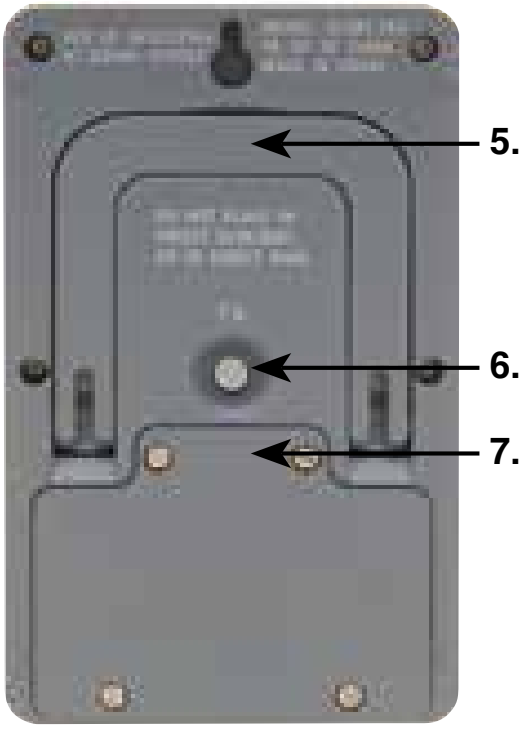
Monitor





Sensor





Monitor

A. Indoor Temperature Trend
B. Indoor Temperature
C. Channel
D. Outdoor Temperature Trend
E. Outdoor Temperature

1. Max/Min Button
2. CH Button
3. °C/°F Button
4. Table Stand

Sensor:

5. Table Stand
6. TX Button
7. Channel Switch (Under Battery Cover)

Care of the Device

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

Correct Usage of Batteries

- **Do not** mix standard and rechargeable batteries.
- **Do not** mix new and old batteries.
- When the low battery symbol appears on the display replace all batteries with new ones.

Setup Procedure

1. Insert batteries into the monitor first.
2. Using a screwdriver (not included) remove the screws on the back of the sensor to open the battery compartment.
3. Place the monitor as close as possible next to the remote sensor. Before inserting the batteries into the sensor ensure the correct channel is selected, then insert the batteries into the remote sensor.
4. The remote sensor will send a signal to the monitor. Once the signal is received, the dashes (--.-°F) on the monitor will change to the current outdoor temperature.

NOTE: If after 5 minutes the screen does not change to show the outdoor temperature, remove all batteries for both units and insert again, starting with the monitor.

5. Position the monitor and remote sensor within effective transmission range, which in usual circumstances is 25 m/80 ft. 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 outdoors in a shaded area for accurate readings.

Troubleshooting

If the outdoor temperature cannot be received, check:

1. The distance between the monitor or remote sensor should be at least 1.2 m/ 4 ft. 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 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 door bells 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 25 m/80 ft. 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.

Displaying Different Channels

If you have registered more than one remote sensor, press the **CH** button on the monitor to select the outdoor sensor channel you want to display permanently. To display each channel for 5 to 10 seconds on the monitor,

press the **CH** button until ◌ is displayed on the LCD.
The monitor will auto-scroll through all the channels.

Press and hold the **CH** button if the outdoor temperature needs to be reset. The outdoor temperature of that particular channel will reset and display dashes (--.-°C). Press the **TX** button on the back of the sensor to force the sensor to send a transmission to the monitor, and then the current temperature should once again be displayed on the monitor.

Installing the Monitor

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

IMPORTANT: Do not place the monitor in direct sunlight or where exposed to any other sources of heat or air conditioning to ensure accurate temperature readings.

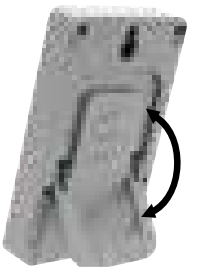


Table Stand Set-Up (Monitor & Sensor)

Pull the table stand out from the back of the unit, then press it down until it clicks into place.

Installing the Remote Sensor

To prevent temperature interference, place the remote sensor outside away from direct sunlight, and rain. The remote sensor is designed to be splash proof; never immerse into water or expose to heavy rain.

Maximum and Minimum Memory

1. Press the **MAX/MIN** button once to display the minimum readings. Press the **MAX/MIN** button again to display the maximum readings.
2. To clear the memory, press and hold the **MAX/MIN** button when the max or min readings are displayed. This will reset the memory to the current temperature readings being displayed on the monitor.

°C/°F Switchable

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

Specifications

Temperature Measuring Range	
Monitor	0°C to 50°C (32°F to 122°F)
Outdoor Sensor	-35°C to 70°C (-31°F to 158°F)
Temperature Checking Interval	
Monitor	35 seconds
Outdoor Sensor	35 seconds
Power Source	
Monitor	2 x AAA batteries, 1.5V
Outdoor Sensor	2 x AAA batteries, 1.5V (it is recommended to use Lithium batteries during the cold months)

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:

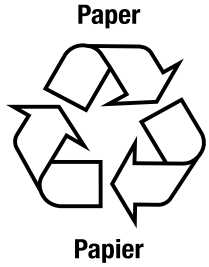
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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 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.
Returns Department
16975 Leslie Street
Newmarket, ON L3Y 9A1
www.biosmedical.com
Email: support@biosmedical.com
Telephone:1.866.517.2970



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