

OWNER MANUAL

Version 1.0

Product description

The ZigBoat™ Motion Sensor detects movements on your boat and immediately communicates it to your mobile device. Place the battery powered Motion Sensor on a table or shelf, or use the mounting screws and mount the sensor on a flat wall, flat on the ceiling or in the corner.

The Motion Sensor can detect movement up to 6 meters (18').

Precautions

- Do not remove the product label as it contains important information.
- Do not place the Motion Sensor close to a heating/cooling source.
- Do not place the Motion Sensor in direct sunlight or bright light.
- Avoid placing the Motion Sensor close to electromagnetic fields.
- Do not paint the sensor.

Adding the sensor to the Gateway

NOTE: Make sure the Gateway is turned on and configured correctly, for more details see the Gateway owner manual.

- Open the ZigBoat™ App, select the Gateway in the ZB Gateways menu, wait a few seconds, then select the menu button on the top right (fig. 1) Select "Device list" (fig. 2). Add the sensor by entering the serial number which is on the sensor's label (fig. 3).

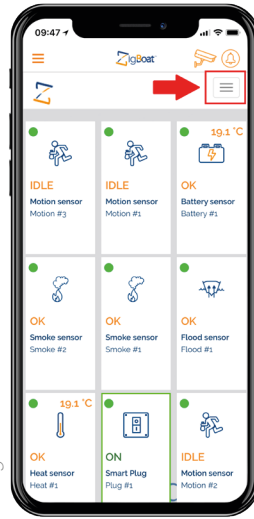


Fig. 1

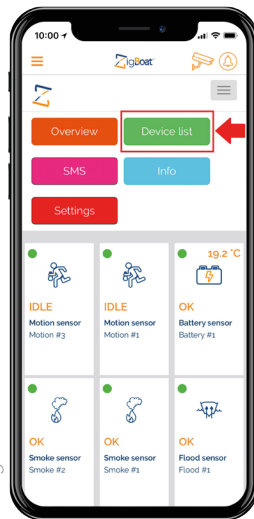


Fig. 2



Fig. 3

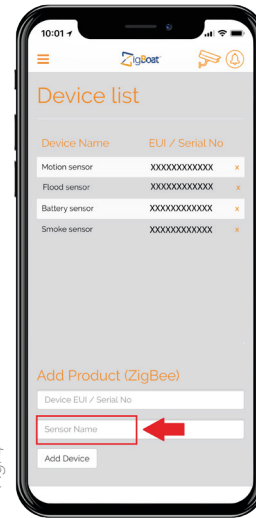
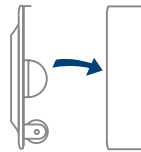


Fig. 4

- The serial number is located on the back of the Sensor casing
- You can change the devices name by selecting "Name" (fig. 4). Then, press the button "Add Device"



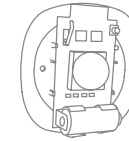
- Open the casing of the sensor. Insert the battery (1xCR123) noting the polarity.



- The Motion Sensor will start searching for the ZigBoat™ network to join.
- While the Motion Sensor is searching for the ZigBoat™ network to join, the LED flashes red.



- When the LED stops flashing, the Motion Sensor has successfully joined the ZigBoat™ network.



To check the correct configuration, select the Overview tab of the ZigBoat™ App. (fig. 5)

Green dot: The sensor is working properly

Red dot: The sensor is not able to reach the Gateway.

Please check the battery status;

Please check that you have entered the correct serial number.

In case of a weak or a bad signal, change the location of the ZigBoat™ Motion Sensor

"IDLE": No movement detected

"ALARM": The sensor detects movement and will send a push notification if the gateway is connected to internet



Fig. 5

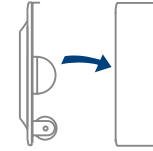
Placement

- Place the sensor indoors at a temperature between 0-50°C (32-122°F).
- Its angle of detection from above, the sides and below must be 45°.
- The Motion Sensor must be placed in a location with a clear view of the monitored area and the windows.
- The distance from the Motion Sensor to an oven or cooker must be at least four meters.
- Ideal placement of the Motion Sensor is in a corner of the room, closest to the ceiling, as the Motion Sensor reacts optimally to crosswise movement.
- The Motion Sensor must be reachable for battery testing and maintenance.
- Place the sensor free of obstacles.

Mounting

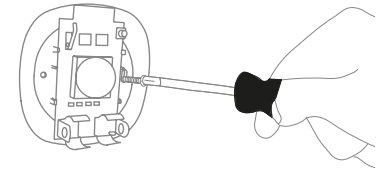
FIXED MOUNTING WITH SCREWS

- Open the casing of the sensor.

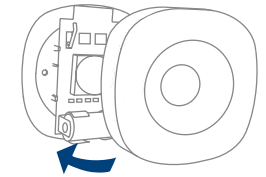


- Use the sensor part with holes to mark the screw holes on a flat ceiling or a wall.

- Use enclosed screws (Ø 2.9x9.5mm / Ø 0.11x0.37") and plugs to install the mounting base on the marked position.



- Attach the front cover to the sensor.

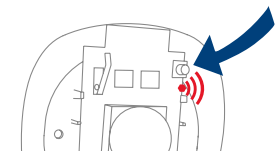


Resetting

Resetting is needed if you want to connect your Motion Sensor to another gateway, or if you need to perform a factory reset to eliminate abnormal behavior.

STEPS FOR RESETTING

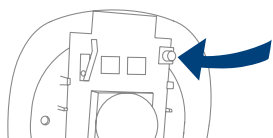
- Open the casing.
- Check that the battery is inserted correctly.
- Press and hold the reset button until the red LED starts to flash.



4. Release the button during flashing.
5. Resetting process is complete when the red LED starts to blink every second.

Fault finding

- If the search for the ZigBoat™ gateway has timed out, a short press on the button will restart it.

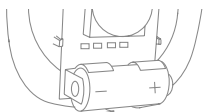


Battery replacement

CAUTION: RISK OF EXPLOSION IF BATTERIES ARE REPLACED BY AN INCORRECT TYPE. DISPOSE OF THE BATTERIES IN ACCORDANCE WITH INSTRUCTIONS.

CAUTION: When removing the cover for battery change - Electrostatic Discharge (ESD) can harm electronic components inside

1. To replace the battery, remove the Motion Sensor from the mounting base and open the casing.
2. Replace the battery noting the polarity. The Motion Sensor uses 1xCR123 battery.
3. Close the casing of the sensor.



Disposal

Dispose the product and battery properly at the end of life. This is electronic waste which should be recycled.

CE certification

The CE mark affixed to this product confirms its compliance with the European Directives which apply to the product and, in particular, its compliance with the harmonized standards and specifications.



IN ACCORDANCE WITH THE DIRECTIVES

- Radio Equipment Directive 2014/53/EU
- EMC Directive 2014/30/EU
- RoHS Directive 2011/65/EU

Other certifications

- ZigBee® certified



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Glomex assumes no responsibility for any errors, which may appear in this manual. Furthermore, Glomex reserves the right to alter the hardware, software, and/or specifications detailed herein at any time without notice, and Glomex does not make any commitment to update the information contained herein. All the trademarks listed herein are owned by their respective owners.

Warranty

Glomex guarantees the Motion Sensor (ZB206) against manufacturing defects for a period of 2 years from date of purchase. Warranty can be in the form of repair or replacement of the unit if manufacturing defects have been found and are confirmed by Glomex or one of its affiliates. In order to validate warranty, either the original sales receipt or a copy must be provided at the time warranty is requested. Before returning any items for warranty, please contact the Glomex Customer Service department to receive a RMA which should be completed and sent with the unit to the following address:

GLOMEX S.r.l.
Via Faentina 165/G
48124 Ravenna (Italy)

complete with all the accessories supplied at the time of purchase for shipment. The serial number must neither be erased nor made illegible, otherwise the warranty will be voided.



Consulta il manuale utente in italiano su:

Consultez le manuel d'utilisation en français sur:

Siehe das deutsche Benutzerhandbuch auf:

Consulte el manual de usuario en español en:



FCC statement

Changes or modifications to the equipment 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.

This device complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. The antenna used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation