

# Maxm Sensor

Manual

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By: MAXM Skate Pty Ltd



## The Sensor

The sensor has an accelerometer that allows for measuring the position and movement. The sensor is positioned above the ankle, and this information is sent to the patient's smartphone by Bluetooth® Low Energy 5.1 where the MaxM App uses this information to visualize and measure the range of motion of the knee joint.

### Power source:

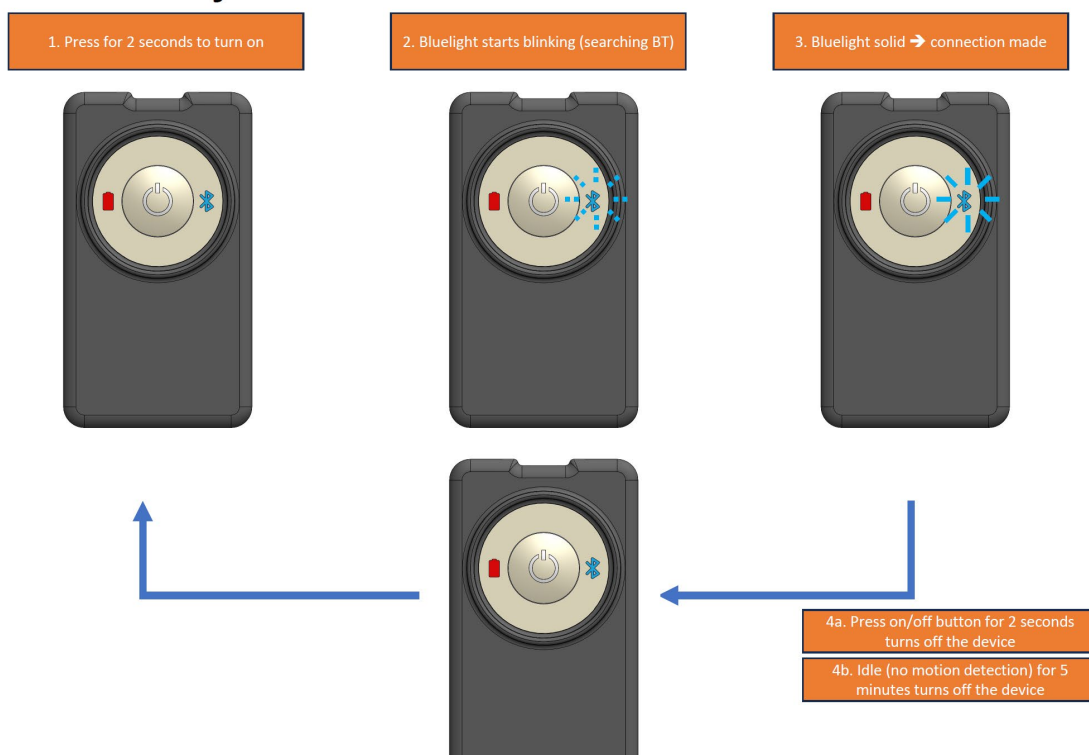
The sensor is powered by a rechargeable Lithium-Ion battery of 3.7V/950mAh and has a USB-C connector for charging using a general USB 5V charger wall adapter.

### Firmware update:

The USB-C connector also allows for the update of the device firmware if necessary.

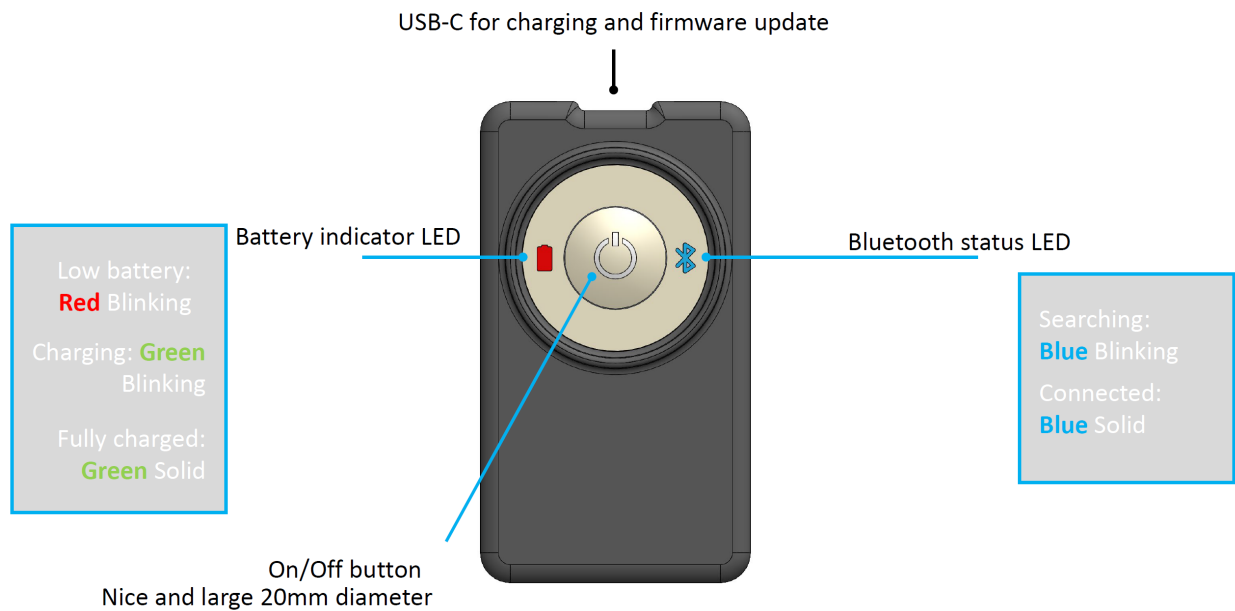
### Physical button and functionality:

There is a power on/off button. The sensor powers off after 5 minutes of inactivity.



### LED indicators and functionality:

There are 2 positions of LED's: 1. Battery/charging status indicator, 2. Bluetooth status indicator.



Red light blinking indicating low battery ( 9% )  
→ sensor need to be recharged



Green light **slow pulsing**  
→ Charging ongoing



Green light solid  
→ Charging finished



#### Pairing method and connecting procedure:

- Turn On sensor.
- The Bluetooth is waiting to be paired.
- Turn On Bluetooth on the Smartphone
- Open the MaxM Application on the Smartphone.
- MaxM Application makes connection with Sensor.

#### FCC Caution:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

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.

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

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. The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction

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