

Motion Quantum brings you the essence of digitalized motion.

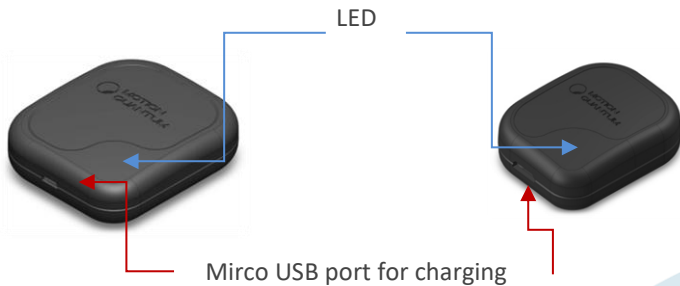
The Oxygen

The kit includes:

- 1 Nucleus – central unit
- 8 Electrons – sensors
- 2 charging cables for Electrons
- 1 charging cable for Nucleus
- 1 Nucleus holder
- Foam for sensor calibration



Interfaces of Nucleus and Electrons



Charging

To charge the devices plug them into the USB slot using a micro USB cable (on the Nucleus/Electron side). Please note that the devices can be used while plugged in and charging, but certain operations are not advised, like sensor calibration.

LED status

The LED mode on the Nucleus and Electron can change based on the battery, charging and internal states. The battery and charging related LED modes can be seen in the next table.

State of device	Corresponding LED behavior
Low battery (<10%)	Short red blink with 1s period
Charging	Green pulsating light with 1s period
Fully charged	Short green blink with 1s period

Turning on/off

1. The sensor can be switched on by connecting the sensor to a power source through the micro USB connector (as if to charge the batteries).

2. The sensor can also be switched on by shaking it firmly (when using wake on motion). When awoken the led will light up.
3. The Nucleus and Electron will switch off automatically after 15mins if there are no active connections.

Restart

In case of restart the devices will lose any connection and ongoing measurement.

Hard reset - upon connecting the device to a power source through the micro USB connector the device will reset.

Long-term storage guidelines

Follow the recommended guidelines to preserve the battery life of the devices:

- Operating temperature: 0°C - 50°C.
- Storage temperature: 25°C±10°C.

If the devices will be stored for a prolonged period, charge all devices up to at least 90%.

Electron:

FCC Compliance Statement

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.

CAUTION: The grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications 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 equipment has been tested and meets applicable limits for radio frequency (RF) exposure. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Nucleus:

FCC Compliance Statement

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.

CAUTION: The grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment.

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RF exposure statement

This equipment complies with the FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body.

Contains FCC ID: 2AC7Z-ESPWROOM32D

