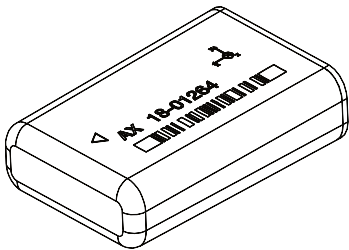# Quick Start Guide
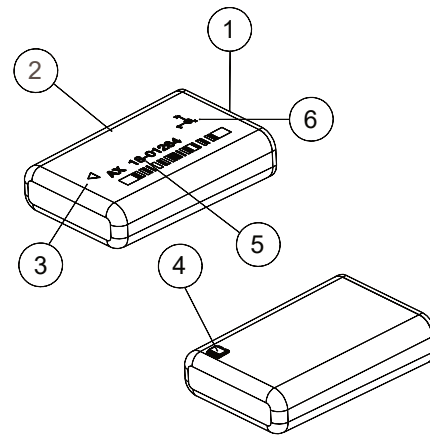
AX3 Logging Accelerometer
AX6 Logging Accelerometer & Gyroscope

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Identification of parts

| Item	Description	Notes
1	USB connector	Charging, configuration, downloading
2	Puck enclosure	Made from polycarbonate
3	Orientation arrow	Indicator for location and orientation
4	LED	Device status
5	Serial number	Product type and unique identification
6	Axis diagram	Internal sensor orientation

◁ 1

Getting started with your AX device

The AX3/AX6 are data logging sensors. To get started, please download and install the configuration software, available via:

https://openmovement.dev

How to charge your AX device

The device can be charged by inserting a micro USB cable connected to a 5V power source, such a powered USB hub or a USB port on a computer. A full charge should take no more than two hours. The device must not be worn while connected to power.
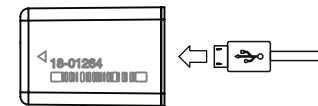

Battery care

In order to protect the lithium ion battery in this product, devices should be stored in a fully charged state in low ambient temperatures. Devices in prolonged storage should be recharged to this level every three months.

◁ 2

Capturing data with your AX device

Launch the configuration software and connect your device to the computer with a micro USB cable.
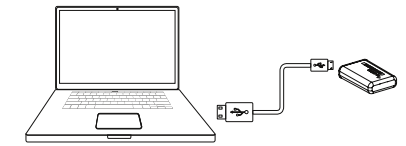
The software will show attached devices, their approximate battery status, and whether they contain any stored data. You can configure a new recording to capture data, download existing captured data, or clear the device storage.

For additional information on using your sensor, please visit: https://openmovement.dev

Silicone wrist band (optional)

The optional band is a wrist mounted holder for the AX devices. It allows for convenient data collection and is made from from a soft-touch silicone with stainless steel fastenings.

◁ 3

Using your device with the silicone wrist band

The wrist band features a cavity which allows for easy insertion and removal of the sensor. The band can be worn on the wrist and adjusted as necessary.
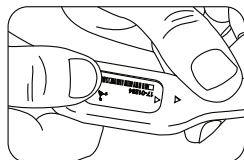
1. Locate the arrow on the AX puck and align this with the small arrow on the underside of the band.
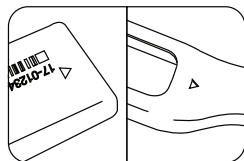
2. Gently push the AX puck into the cavity, the silicone will allow it to enter.
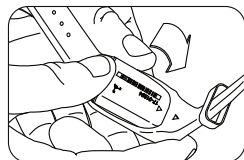
3. Fully insert the AX puck until the silicone completely surrounds the device.

◁ 4

Additional information

Troubleshooting computer connections

Check that the connector is clean, dry, and free of debris. Try a known-working cable. The LED should slowly pulse when the device is properly connected. Managed computers may have security settings that interfere with using removable USB devices.

Use only in suitable environments

The enclosure is designed to meet IP68 rating and be suitable for day to day activities including showering and bathing, but should not be worn for more extreme activities, such as diving or swimming, or in extreme environments, such as sauna/steam rooms.

Device safety

Do not allow the device to be accessible to infants under 36 months as it can pose a choking hazard. Do not wear the device while charging. Inspect the device carefully before every use, and do not use the device if there are any signs of damage. Users must be instructed to remove the device immediately if any damage occurs or is noticed, or if heat develops in the device, or if any irritation occurs.

Cleaning the device and optional silicone wrist band

Clean with skin-safe alcohol wipes, and do not allow contact with any other solvents, abrasives, or other chemical cleaning agents as these may compromise the device enclosure.

◁ 5

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◁ 6

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Open Movement Project, Newcastle University, UK.