



XSENS METAGLOVES By MANUS™

All new Quantum Tracking Technology

The push for perfect realism in 3D character animations seen in the dynamic worlds of games, film, animation, TV broadcast, and live entertainment means hardware and software remain top of its game and at the fingertips for all production teams. The Xsens Gloves by MANUS have been specifically developed to work seamlessly with Xsens MVN Animate, the 3D character animation software used by industry professionals over the world.

Millimeter accuracy

Add Quantum Tracking Technology into Xsens MVN and its plugins with the Xsens Metagloves.

The Xsens Metagloves have been specifically developed to work seamlessly with Xsens MVN software. Add sub-millimeter accurate Quantum tracking to your Xsens setup with one click.

Quantum Tracking

Our new tracking system empowers the Xsens suit with expressive finger data. The Quantum sensors are magnetically immune, do not drift, and come with a 24-month warranty.

Next level finger capture in Xsens MVN

MVN in one click.

Breathe life into your motion capture. The direct integration into Xsens MVN software allows the Xsens Metagloves to deliver real-time finger data in your existing pipelines. Add Quantum tracking to your motion capture with the ease of one click. Stream the Xsens Metagloves finger data together with the Xsens body data as a single source.

MANUS Advanced hand solver.

The MANUS Advanced Hand Solver takes the accurate finger tip position the MANUS Quantum Tracking sensors provide, and applies it to MANUS' research-based biomechanical hand model to accurately recreate a digital hand skeleton.

What's in the box?

- 2x Xsens Metagloves
- 1x Dongle with Core Pro License
- 2x Quantum Batteries
- 2x USB-C Cables
- 1x Set of Xsens Adapters
- 36x Finger Sleeves 1/2/3
- 12x Finger Tapes
- 1x Getting Started Guide
- 1x Travel Case

Hardware specs.

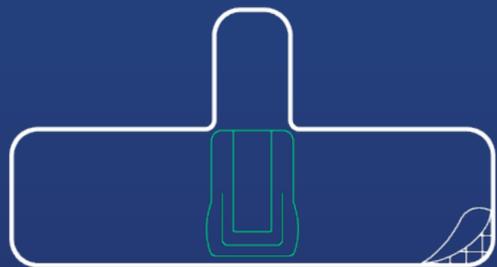
| | |
|------------------------|---|
| Signal latency | ≤5ms |
| Finger sensor type | Absolute position, 3 axis rotation |
| Sensor sample rate | 120Hz |
| Battery duration | Up to 3 hours (swappable) |
| Charging time | 2 hours USB-C |
| Weight | 138 grams |
| Wired communication | USB-C |
| Wireless communication | Proprietary high performance 2.4 GHz protocol |
| Wireless range | Up to 15 meters |
| Textile information | One size fits all (washable) |
| Finger attachments | Finger sleeves, finger tapes |

Compatible with industry standards



Wear it according to your needs.

The Quantum sensors can be worn on the fingertips in multiple ways. We give our users the possibility to choose the method that fits their use case best. Here are the two available options:



Finger Tape

The finger tapes can be wrapped around the finger tips. The Quantum sensors are attached on the mounting clips on top.

The finger tape method provides extremely steady mounting of the Quantum sensors.



Finger Sleeves

The finger sleeves are worn by sliding them over your finger tips. The Quantum sensors are attached on the mounting clips on top.

The finger sleeve method provides a quicker method to wear the Quantum sensors. The finger sleeves are available in three sizes.



XSENS
METAGLOVES
By MANUS™

Additional features

Replaceable Textiles

The textiles of the Metagloves are washable and replaceable. The electronics can be removed in a matter of seconds.



Uninterrupted workflow.

Charging station

Fully charge up to 6 batteries simultaneously in 1 hour and 15 minutes. This charging station is also compatible with Prime Xsens Gloves and Pro Tracker batteries, so you can charge your Metaglove and SteamVR Pro Tracker batteries at the same time.



Swappable batteries to stay charged

The Quantum Metagloves come with swappable batteries, to provide you with an uninterrupted workflow. The Quantum batteries can last 4 hours during continuous use on a full charge. Additionally, the Quantum Metagloves can be powered by an external power source through the USB Type-C port.

