



PRIME X Haptic VR

To make use of the Manus Prime X gloves a valid license of Manus Core is required

Grab, Touch, Feel

Experience life-like virtual interactions directly with your hands. The precise haptic feedback of the Prime X Haptic VR is specially developed for Virtual Reality environments. Hold digital objects, feel textures, push buttons and pull levers. Fully immerse in your virtual experiences.

Fast, accurate, detailed

Featuring a proprietary flex sensor skeleton and a 9 DoF IMU for each finger, the Prime X Haptic VR Gloves deliver high-fidelity finger tracking without any perceivable latency.

Universal Mounting System

The Universal Mounting System of the Prime X Series allows for a wide range of tracking attachments. Making the Prime X Haptic VR Gloves compatible with:

- > SteamVR with Manus Pro Tracker
- > SteamVR with Vive Tracker 2.0 & 3.0
- > ART
- > Oculus Rift S / Quest Controllers

Removable electronics

The electronics module can be quickly removed from the textile glove, allowing for the glove to be washed or replaced. Additional textile gloves are available, and the electronics module fits both sizes. The Prime X gloves are available in the sizes S/M and M/L.

Fully compatible

The Prime X Haptic VR gloves are compatible with industry-standard software. Unreal and

Unity, with integrations for IC.IDO, VRED®, and Teamcenter®. Further integrations can be built using our Manus Core SDK.



Haptic Feedback 2.0

The haptic modules for the Prime X Haptic VR Gloves provide even more powerful feedback on each individual finger. With the improved haptic modules, the Prime X Haptic VR gloves provide a sense of touch with a higher resolution than ever before

Quick and Easy Calibration

Get started in less than a minute. With only three simple gestures the Prime X Haptic VR Gloves calibration is accurately tailored to your hands. The calibration profile is then stored on the glove, allowing them to be used over multiple sessions.

Plugins/Integrations

			IC.IDO
Finger Tracking	✓	✓	✓
Hand Motion & Orientation	✓	✓	✓
Interaction framework	✓	✓	✓
Multiplayer support	✓	✓	✓
Device diagnostics	✓	✓	✓
Connected devices	✓	✓	✓
Haptic Feedback			

Hardware specs.

Signal latency	<5ms
Sensor sample rate	90Hz
Battery duration	5 hours (swappable)
Charging	USB-C (5V)
Weight	60 grams
Wired Communication	USB-C
Wireless Communication	Proprietary high performance 2.4 GHz protocol (certified)
Finger sensor type	5x 2DoF Flexible sensors and 6x 9DoF IMU's
Finger flexible sensor repeatability	>1.000.000 cycles
Orientation sensor accuracy	+/- 2.5 degrees
Textile information	77% Polyester 23% spandex

Compatibility



What's in the box?

1. One pair of Manus Prime X Haptic VR Gloves
2. USB-C Cable x2
3. Dongle
4. Batteries x2
5. Charger
6. Mounting adapters