

User manual

Edition D-P021-51-70-M0-0200, August 2023

Foot Control

Foot Control Omni (P021-51) - Foot Control LiNX (P021-53)



Other languages

CS: Tito příručku naleznete v češtině na našich webových stránkách.

DA: Du kan finde denne manual på dansk på vores websted.

DE: Auf unserer Website finden Sie diese Anleitung in Deutsch.

EN: You can find this manual in English on our website.

ES: Este manual está disponible en español en nuestro sitio web.

FR: Vous pouvez trouver ce manuel en français sur notre site Web.

IT: nostro sito web è disponibile il presente manuale in italiano.

NO: Du finner denne håndboken på norsk på nettstedet vårt.

NL: De Nederlandse handleiding kunt u op onze website vinden.

PT: Pode encontrar este manual em português na nossa página web.

SL: Slovenski priročnik je na voljo na naši spletni strani.

SV: Du hittar den här handboken på svenska på vår webbplats.

You can find the latest version of all our manuals on the website.

About this manual

User manual

Thank you for choosing a mo-vis product!



This manual contains **useful and important information** about your device. **Please read it carefully before use and store safely for future reference.**

Our team (or your authorized dealer) will be happy to answer your questions.

mo-vis bv



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<http://www.mo-vis.com> . contact@mo-vis.com . +32 9 335 28 60



CH-REP: SKS Rehab AG, Im Wyden, 8762 Schwanden GL, Switzerland.



UK Responsible Person: QServe Group UK, Ltd., 49 Greek Street, London, W1D 4EG, UK.

User manual

Warning labels

Please read this manual, the safety instructions and warning texts carefully, in order to reduce the risks associated to the device. Our products are safe under normal and reasonably foreseeable operating conditions.



NOTE: This symbol indicates general notes and information.



CAUTION: This symbol indicates caution for a hazardous situation that, if not avoided, could result in minor or moderate injury.



WARNING: This symbol indicates a warning for a hazardous situation that, if not avoided, could result in death or serious injury.

Other labels:



Catalogue number: indicates the manufacturer's catalogue number so that the medical device can be identified.



Batch code: indicates the manufacturer's batch code so that the batch or lot can be identified.



Medical device: indicates that the item is a medical device.



Date of manufacture: indicates the date when the medical device was manufactured.



Serial number: indicates the manufacturer's serial number so that a specific medical device can be identified.



Consult instructions for use or consult electronic instructions for use: indicates the need for the user to consult the instructions for use.

	Keep dry: indicates a medical device that needs to be protected from moisture.
	Do not use if package is damaged and consult instructions for use: indicates that a medical device should not be used if the package has been damaged or opened and that the user should consult the instructions for use for additional information.
CE	CE label: indicates that the manufacturer or importer affirms the good's conformity with European health, safety, and environmental protection standards.
	WEEE: indicates that the product should not be discarded as unsorted waste but must be sent to separate collection facilities for recovery and recycling.
	Manufacturer: indicates the medical device manufacturer.

Support, scrapping & recycling

Technical support



TROUBLE: In case of technical problems:

- Contact your dealer
- If your dealer is not available or unknown, please contact mo-vis: contact@mo-vis.com or +32 9 335 28 60.

Always state the product code and device serial number when contacting us. This ensures you are provided with the correct information.

Spare parts and accessories

Contact mo-vis or your dealer for more information about spare parts and accessories.

Scrapping & recycling



CAUTION: For scrapping, adhere to your local waste legislation. Dispose of obsolete electronic parts responsibly in accordance with local recycling regulations.

Limited liability

mo-vis accepts **no liability** for personal injury or damage to property that may arise from the failure of the user or other persons to follow the recommendations, warnings and instructions in this manual.



CAUTION: This product should only be installed by a qualified service engineer.



NOTE: All *mo-vis* user manuals can be found at <http://www.mo-vis.com> where they can be consulted in PDF format.



NOTE: In case any serious incident occurs in relation to this device, this should be reported immediately to *mo-vis* and the competent authority of the Member State in which the user is established.

Intended use

The Foot Control:

- is a proportional joystick module which can be connected directly to the wheelchair electronics to control the wheelchair functions.
- can be operated by foot
- is specifically designed for people with hand or arm function problems, but with relatively good foot control
- enables people to move and control the wheelchair through movements of their foot

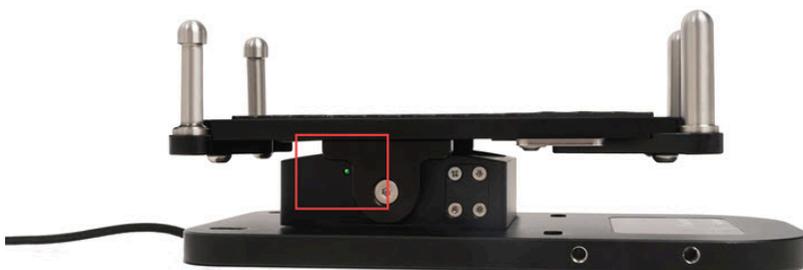
Features

The Foot Control:

- is low and proportional
- is available with optional safety brackets for the front side
- can be controlled by the foot
- allows to add straps to position and tighten the foot
- has 2 switches that can be linked to the separate interface: (1) on/off power wheelchair - (2) mode of the power wheelchair.



- is fully adjustable to individual possibilities and needs with well-thought-out electronics (USB-C connection).
- is compatible with multiple types of wheelchair electronics.
- has a LED light on the interface which will start to flash green in case of an error or orange in case of active tilt (see *Installation manual*) .
- also has a LED light on the Foot Control itself, which will indicate warnings and errors.



Operation

The movements of the control are translated into according movements of the wheelchair, e.g. driving or menu navigation.

Common practice to navigate the wheelchair with the joystick is as follows:

- **Direction:** point the control into the direction you want the wheelchair to move. The

wheelchair then moves in that direction.

- **Speed:** the further you move the control from the default (center) position, the faster the wheelchair moves.
- **Stop:** whenever you release the control, the control moves back to the default (center) position and the wheelchair stops.

 **CAUTION:** Avoid hitting obstacles during driving.

 **WARNING:** When the LED light flashes and/or after every incident with the wheelchair or the mo-vis device, contact your dealer immediately to perform a functional test.

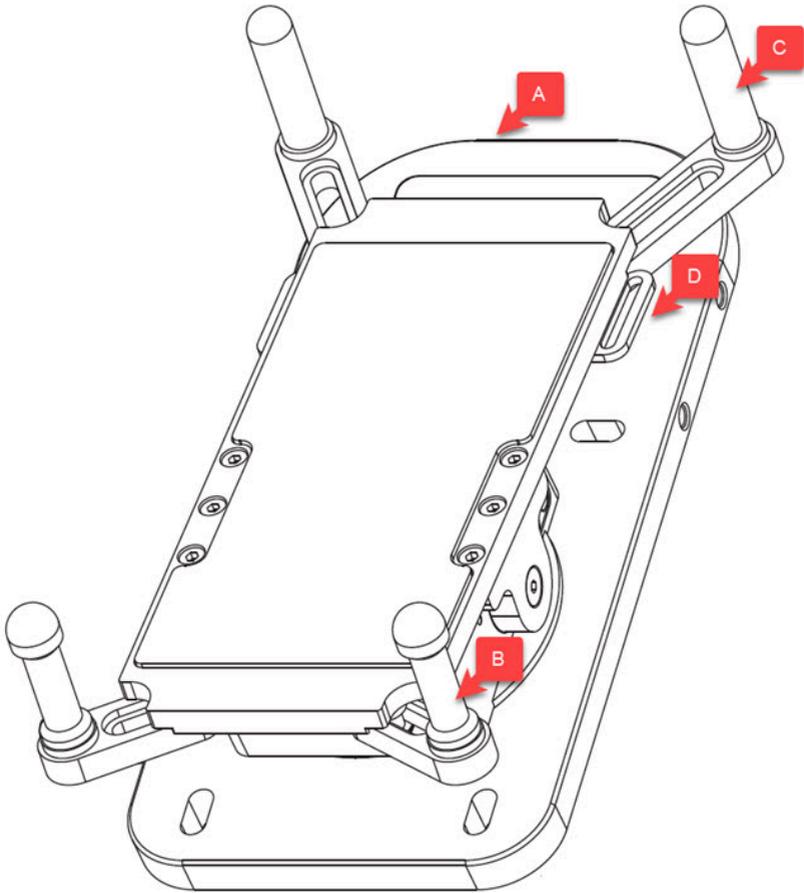
LED status

The illumination of the LED on the joystick interface indicates the operational status of the joystick.

JOYSTICK STATUS	COLOUR	LED TIMING	COUNT	STATE DESCRIPTION
Configuring	Orange	Fast	Not applicable	Wheelchair is configuring
Powercycle	Orange	Heartbeat		Wheelchair waits for power cycle
Focus	Green	Always on		System is in focus
Out of focus	Green	Heartbeat		System is out of focus
Out of neutral	Green	Medium		Joystick is out of neutral
Error	Red	Errors	See	Something went wrong

Parts and accessories

The Foot Control package consists of:



- A Foot Control Sensor (P021-41) which includes:

A	Foot Control Pedal
B	2x Foot Control Set Pin Short
C	2x Foot Control Set Pin Long
D	Foot Control Strap Mounting Plate

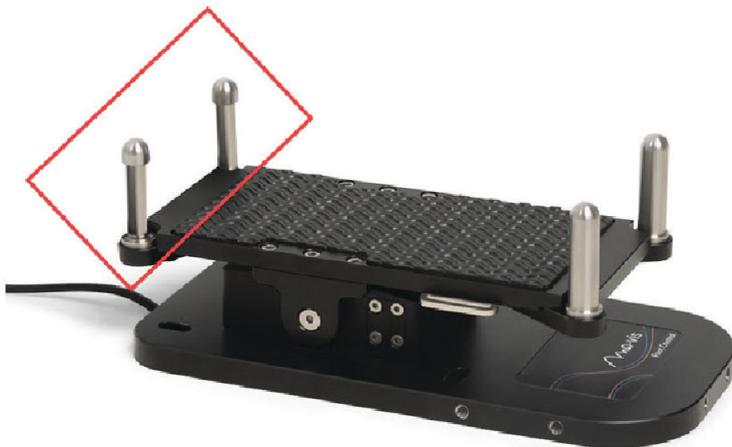
- A Foot Control Strap (M021-80)

- A Joystick Interface (Omni or LiNX, see *Installation manual* for more information).

Accessories

There is an optional Foot Control Safety Bracket Set (M021-61) available as accessory. This can be mounted on the Foot Control itself, in the dedicated mounting slots (see *Installation manual*).

The Foot Control Set Pin Short is designed in such a way that a strap can be added. This is not available through mo-vis.



Qualifications

⚠ CAUTION: Only a qualified service engineer may install the device.

⚠ CAUTION: An incorrect programming of the wheelchair or device electronics, may cause damage to the devices or injury to the user.

First time use

⚠ CAUTION: A qualified service engineer should assist during first time use of the device and make sure that all functions are clear to the user, including what to do in case of problems or doubt.

Warnings and limitations



NOTE: This product complies with the limit values for Electromagnetic Compatibility (EMC) with respect to power wheelchairs, as set out in the harmonized standards for the EU in the Medical Device Regulation, No. 2017/745.



WARNING: Do not cover or block the device to avoid uncontrolled behavior of the device or the wheelchair.



CAUTION: If an output inhibit is programmed, then it should be checked monthly if this is still operational. Please see the *Installation Manual* for more information.

Connection options

The connection interface depends on the control version. Please see the *Installation Manual* for more information.



You can connect 1 or 2 switches to the unit:

- **Red** = power on/off
- **Yellow** = mode



WARNING: The on/off switch must be available to the user at all times. This allows to instantly stop the wheelchair in case of problems or an emergency.



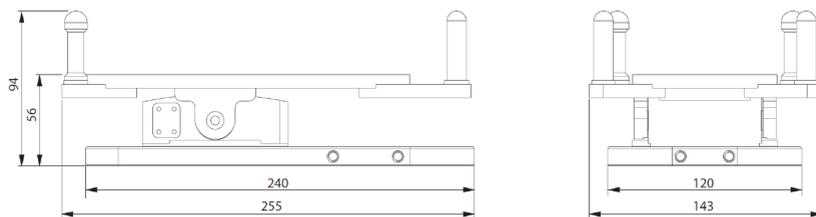
WARNING: Always power off the device when the user is no longer in the wheelchair to avoid unauthorized access or accidental movements.

Combinations

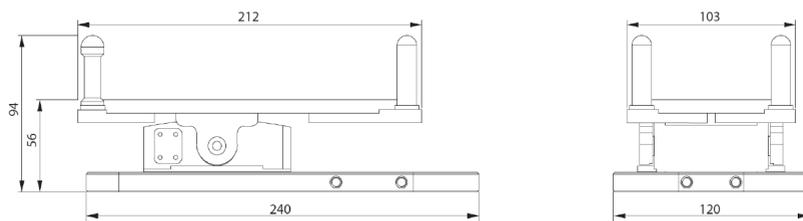
There are different versions of this device available for combination with different wheelchair electronics. Please refer to the *Installation Manual* of this device for more information.

Dimensions

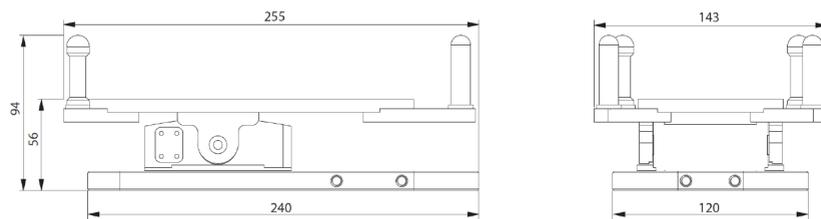
Normal dimensions:



Minimum dimensions:



Maximum dimensions:





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**Go to our website for more information on our products or share
your experience with us via email.**

