



Q2M mounting system

Contact & Product

mo-Vis BVBA

Biebuyckstraat 15 D
9850 Nevele - Belgium

Website: www.mo-vis.com

E-mail: contact@mo-vis.com

Telephone: +32 9 335 28 60



User & Installation manual

Produced and published by
mo-Vis bvba, Belgium

Edition 2, October 2018

Manual item: D-M004-AA-70-01

Contents

Contact & Product	1
Contents	2
Important information about this Manual	2
Support, scrapping and spare parts	3
Warranty	3
Safety precautions	4
Design and function of the Q2M mounting system	7
Installation instructions	13
Maintenance	13
Technical data	14

Important information about this Manual

Congratulations for choosing a mo-Vis product! If you would like to learn more about mo-Vis and its products, we invite you to visit our website: www.mo-vis.com.

Before you install or begin using this product, it is important that you read and understand the content of these installation and operating instructions, the safety instructions in particular.

The installation instructions will guide you as an installer through the options and possibilities with the mo-Vis product.

The operating instructions are primarily intended to acquaint you with the functions and characteristics of the mo-Vis product and how you can use it in the best manner possible. They also contain important safety and maintenance information, as well as describe possible problems that can arise during use. Always keep the operating instructions handy in connection with your wheelchair or other mounting base, since the need for important information can arise concerning its use, safety and maintenance.

All information, pictures, illustrations and specifications are based on the product information that was available at the time of printing. Pictures and illustrations shown in these instructions are representative examples and are not intended to be exact depictions of the various parts of the product.

We reserve the right to make changes to the product without prior notice.

Ordering documentation

You can download additional copies of this User & Installation manual on the mo-Vis website: www.mo-vis.com.

Support, scrapping and spare parts

Technical support

In case of technical problems, we advise you contact your dealer.

If the dealer is not available, or unknown, please contact mo-Vis bvba by email support@mo-vis.com or by phone +32 9 335 28 60.

Always state the device serial number or order code when contacting mo-Vis. This ensures you are provided with the correct information.

Spare parts and accessories

Spare parts and accessories must be ordered by the dealer at mo-Vis bvba.

Scrapping & recycling

For scrapping, adhere to your local waste legislation.

Dispose of obsolete mechanical or electronic parts responsibly in accordance with local recycling regulations.

Warranty

mo-Vis bvba warrants the M2Q parts to be free from defects in material and workmanship for a period of 2 years under proper use, care and service. All warranties only cover parts and do not extend beyond the initial purchaser from an authorised mo-Vis dealer.

Start of the warranty period

Each warranty shall begin on the date the product is first delivered to the customer.

Repair and replacement

For warranty service, we advise you to contact the dealer from whom the product was purchased. In the event of a defect in material or workmanship, the dealer must obtain a return authorisation (RA)

number from mo-Vis and the product must be shipped to a service centre designated by mo-Vis. mo-Vis will repair or, at mo-Vis' option, replace any product covered by the warranty.

Disclaimer and Limitations of Remedies

The express warranties set forth in this agreement are in lieu of all other warranties of merchantability or fitness of purpose. In no event shall mo-Vis be liable for any direct, indirect, incidental or consequential damages resulting from any defect in this product. Warranty of parts subject to "normal wear and tear" (e.g. pads, joystick balls, batteries ...) are not covered in the warranty except as it applies to defects in material or construction.

Amendments

No person is authorised to alter, extend or waive the warranties of mo-Vis.

Voiding of warranties

The foregoing warranties are contingent upon the proper installation, use, maintenance and care of the product. The warranty will be void if the product has been installed or used improperly, or if it has been repaired or any part replaced by persons other than mo-Vis or an authorised dealer. The unit is considered as a non-serviceable part.

The addition of equipment or features that are not manufactured or recommended by mo-Vis could affect the intended function of the mo-Vis product and may invalidate the warranty.

Understanding usage

The health care professional (authorised installer) is responsible for understanding the intended use of the mo-Vis equipment, the specifications and its programming parameters. mo-Vis cannot be held responsible for damage caused by incorrect installation or incorrect use of the product. Misuse, mishandling, or storage is not covered by this warranty.

Safety precautions

General

The Q2M mounting system is intended to mount small and light devices, such as joysticks, switches, phone holders, tablet holders, etc. in a very flexible and modular way.

Incorrect use or installation may lead to risk of injury to the user and damage to the wheelchair or other property.

In order to reduce these risks, you should carefully read this instruction manual, paying particular attention to the safety instructions and warning texts.

Only install this product on a wheelchair where the wheelchair manufacturer allows the installation of third party parts.

Any unauthorised use of the product may lead to increased risk of accident. Carefully follow the recommendations in this manual in order to prevent accidents from use.

In case of doubt for alterations and adjustments, always contact a qualified service engineer.

Warning labels

This manual contains the following warning labels, which are intended to draw attention to situations that could lead to unwanted problems, e.g. personal injury or damage to the wheelchair.



CAUTION!

Please use caution where this symbol appears.



WARNING!

Please use extreme caution where this warning symbol appears. Failure to observe warnings can lead to personal injury or property damage.



CAUTION!

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.



WARNING!

Assembly

The Q2M mounting parts should only be installed or adjusted by a qualified service engineer or someone with adequate knowledge to perform the adjustment in an expert manner.

**WARNING!****Maintenance and service**

Carry out only the service and maintenance activities specified in this manual, as long as you comply with the demands stated in this manual for a specific action. All other service, alterations to and interventions must be carried out by a qualified service engineer or someone with adequate knowledge to perform the adjustment in an expert manner. In case of doubt, contact a qualified service engineer or mo-Vis.

Use only spare parts or accessories approved or recommended by mo-Vis. All other use could lead to changes which might impair the function and safety of the product. It could also lead to the warranty becoming void.

Design and function of the Q2M mounting system

Intended use






The Quick-to-mount (Q2M) mounting system is the collective name for a set of small and intelligent “building modules”, made of light but durable and robust metal. The mounting system has an elegant black design and it’s a modular expandable mounting system

Parts and accessories

The Q2M consists of :

	<p>Q2M Universal Clamp (M007-01)</p> <p>A universal and adjustable mounting clamp to be fixed on a tube (e.g. tube of a wheelchair frame) with diameter between 19 and 26 mm and with a slot for the insertion of a flat (20 mm – 6 mm) or round (D10mm) bar.</p>
	<p>Q2M Clamp D6 (M004-07) and D8 (M004-14)</p> <p>The clamps D6 and D8 exist in a thickness of 6 or 8 mm and come in a set of 10 pieces. They can be fixed in any position with an Allen wrench.</p>
	<p>Q2M Rods D6 (M004-74 till M004-78) and D8 (M004-83 till M004-85)</p> <p>The rods exist in different lengths:</p> <ul style="list-style-type: none">• with diameter 6 mm : 50 mm, 100 mm, 200 mm, 300 mm and 400 mm• with diameter 8 mm : 50 mm, 100 mm and 200 mm. <p>The rods are available in a set of 10 pieces.</p>

The Q2M consists of :

	<p>The Q2M Rods and Clamps</p> <p>The rods and clamps have been designed so that they can be easily and quickly connected to each other. You choose the distances and angles by tightening or loosening the clamps via an Allen wrench. Adjustments can be done any time. For adjustments at any time without an Allen key, replace the bolt of the clamp by a mini clamping lever (M5 or M6x25mm).</p>
	<p>Combining clamps and rods</p> <p>The 8mm and 6mm clamps and rods can be combined when you mix an 8mm and a 6 mm clamp. Take the upper part of an 8mm clamp and the lower part of a 6mm clamp. Assemble and fix both parts with the bolt of the 6 mm clamp.</p>
	<p>Q2M Bending Tool 6-8-10mm. (TMHAT00005)</p> <p>The rods can be bent with a bending tool. Place a rod in the corresponding bending slot (D6, 8 or 10 mm) and bend the rod till the needed angle. The maximum bending angle is around 90°.</p>
	<p>Bending the rod more than 90° will more or less damage the coating of the anodized aluminium rods. The damage consist of small visible cracks in the surface of the curved part of the aluminium bar.</p>
	<p>Q2M Rod Lock, Assembly (M008-04)</p> <p>The rod lock is a rotating swing system that can be locked in any position and fits in the Q2M Universal clamp. Just slide a rod of diameter 6 in it and fix the rod in the Quick Swing receiver with an Allen key.</p>

The Q2M consists of :



Q2M Clamp D6 Split (M004-26)

This clamp is specially used with Twisters bended tube. The split make it possible to slide in the cable of a Twister Bended tube switch. These clamps are available in a set of 10 pieces.



Q2M Mounting Base D6 (M004-24) and D8 (M004-23)

The Quick-to-mount Mounting Base D6/D8 is a small but firm mounting base to mount small accessories on any flat surface, such as a wheelchair tray. By tightening the 2 provided screws with an Allen wrench, you fix the Q2M Mounting Base on a flat surface. The Mounting Base provides the base to insert a Q2M Rod of 6mm (D6) or 8mm (D8) diameter, on which again you can add Q2M Clamps and other Q2M Rods to easily build the position that is needed to mount a joystick or other accessories.



Q2M Quick Swing (M008-03)

The Quick Swing is a small swing away mounting system to mount and swing away small accessories (e.g. a switch) into a specific position.

The Quick Swing consists of a receiver with rotating system from where the swing away round bar (diameter 6 mm) leaves. The Quick Swing is mounted with the Q2M Universal Clamp. The rod can be bent into the desired shape and angle in function of the customer's needs.

The Q2M consists of :

	<p>Multi Swing Mounting Set (M001-70)</p> <p>The Multi Swing Dogbones set is used by default to mount the 'Multi Swing' swing away mounting arm. Dogbones are flat bars made of durable metal, which can be perfectly used to fix extra modules to the wheelchair.</p>
    	<p>The Multi Swing Mounting Set (M001-70) contains :</p> <ul style="list-style-type: none">• Q2M Universal Clamp (M007-01)• Q2M Dogbone Slide Inn (M004-11)• Q2M Dogbone Extension Straight (M004-12)• Q2M Dogbone Extension Right Angled (M004-13)• Q2M Multi Swing Bracket(M004-10)

The Q2M consists of :

	<p>Q2M Manual Swing Mounting Set (M004-17)</p> <p>The Manual Swing Dogbones set is used by default to mount the 'Manual Swing' swing away mounting arm. Dogbones are flat bars made of durable metal, which can be perfectly used to fix extra modules to the wheelchair.</p>
    	<p>The Manual Swing Mounting Set (M004-17) contains :</p> <ul style="list-style-type: none">• Q2M Universal Clamp (M007-01)• Q2M Dogbone Slide Inn (M004-11)• Q2M Dogbone Extension Straight (M004-12)• Q2M Dogbone Extension Right Angled (M004-13)• Q2M Manual Swing Bracket Ass. (M004-10)

The Q2M consists of :



Multi Swing P001-60; -61; -62; -63

The Multi Swing mounting arm is a swing away motorized mounting arm, which is mounted on an electronic wheel chair. The Multi Swing is designed for the use of a chin control system, but can also be mounted and used for the attachment of small and lightweight communication tools, tablets, cellular phones, goblets... to the electronic wheelchair (max. weight about 500 gr on max. distance of 65 cm). This electric swing away arm can be activated via a switch and can move either upward or sideways with adjustable speed and according to an adjustable angle

For more information
take a look at :

<http://www.mo-vis.com/en/products/mo-vis-products/multi-swing>



Manual Swing P001-21; -22; -23; -24

The Manual Swing is a versatile arm to mount on a wheelchair. The Manual Swing is designed for the use of a chin control system, but can also be mounted and used for the attachment of small and lightweight communication tools to the wheelchair (max. weight about 500 gr on max. distance of 65 cm).

For more information
take a look at :

<http://www.mo-vis.com/en/products/mo-vis-products/manual-swing>

Installation instructions

Preparations

Qualified service engineer

Only a qualified service engineer may install the Q2M mounting system parts.

Tools

Use an Allen wrench to install the Q2M mounting parts.



CAUTION!

Use the proper tools to install and adjust the Q2M mounting parts. The use of improper tools may cause damage to the material.



CAUTION!

Do not tighten screws with an excessive force.

Installation plan

Set up an installation plan before beginning the installation, based on the users' needs.



CAUTION!

Any connection must always be secured with supplied screws.

Maintenance

Cleaning

- Gently remove dust and dirt with a damp cloth.
- The use of non-aggressive disinfectant cleaning agents is allowed.



WARNING!

Do not immerse the material in water or use excessive amounts of liquid.

Monthly check

Monthly, or whenever needed, check whether:

- All bolts and screws are still firmly tightened
- There is no excessive wear to any of the parts

Technical data

Name

- Q2M Universal Clamp (M007-01)
- Q2M Clamp D6 (M004-07) and D8 (M004-14)
- Q2M Rods D6 (M004-74 till M004-78) and D8 (M004-83 till M004-85)
- Q2M Bending Tool 6-8-10mm. (TMHAT00005)
- Q2M Rod Lock, Assembly (M008-04)
- Q2M Clamp D6 Split (M004-26)
- Q2M Mounting Base D6 (M004-24) and D8 (M004-23)
- Q2M Quick Swing (M008-03)
- Multi Swing Mounting Set (M001-70)
- Q2M Manual Swing Mounting Set (M004-17)

Installation date: . . / . . /

Dealer:

Dealer stamp:

