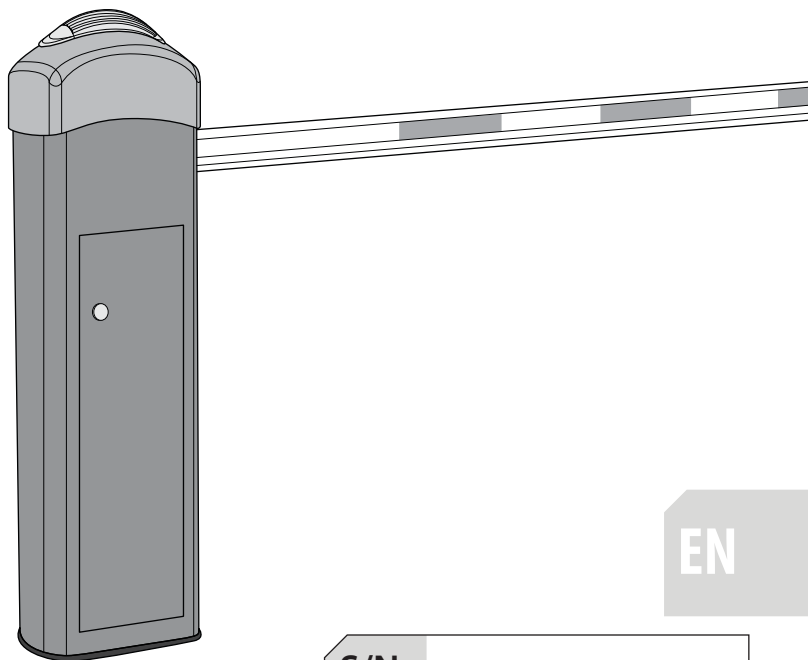


EXTENDABLE ELECTROMECHANICAL BARRIER

USER'S AND INSTALLER'S MANUAL

v20240109



EN

S/N

WARNING

CE

Please read the manual carefully before installation and use. The installation of your new barrier must be carried out by a technically qualified or licensed person. Attempting to install or repair the door opener without suitable technical qualification may result in severe personal injury, death and / or property damage.

The data described in this handbook are purely a guide. Move Automation reserves the right to change them in any moment.

The manufacturer reserves the right to modify or improve products without prior notice. Any inaccuracies or errors found in this handbook will be corrected in the next edition.

When opening the packing please check that the product is intact. Please recycle materials in compliance with current regulations.

This product may only be installed by a qualified fitter. Move Automation declines all liability for damage to property and/or personal injury deriving from the incorrect installation of the system or its non-compliance with current law (see Machinery Directive).

CONTENTS

01) SAFETY WARNINGS	01
02) PACKAGE	03
03) AUTOMATION	03
04) INSTALLATION	04
05) MAINTENANCE	08
06) GUARANTEE: GENERAL CONDITIONS	08
WARRANTY CERTIFICATE	
MAINTENANCE LOG	

01) SAFETY WARNINGS

GENERAL WARNINGS

- This manual contains very important safety and usage information. Carefully read all the instructions in the manual before starting the installation/use procedures and keep this manual in a safe place so that it can be consulted whenever necessary.
- This product is exclusively intended for the use mentioned in this manual. Any other application or operation that is not considered is expressly prohibited, as it could damage the product and/or put people at risk, causing serious injuries.
- This manual is mainly intended for professional installers, not invalidating the fact that the user also has the responsibility to carefully read the "User Rules" section, in order to guarantee the correct functioning of the product.
- The installation and repair of this equipment must only be carried out by qualified and experienced technicians, ensuring that all these procedures are carried out in accordance with applicable laws and regulations. Non-professional and inexperienced users are expressly prohibited from carrying out any action, unless explicitly requested by specialized technicians to do so.
- Installations must be frequently examined in order to check for imbalance and signs of wear or damage to cables, springs, hinges, wheels, supports or other mechanical assembly elements.
- Do not use the equipment if repair or adjustment is necessary.
- When carrying out maintenance, cleaning and replacement of parts, the product must be disconnected from the power supply. Also including any operation that requires opening the lid of the product.
- The use, cleaning and maintenance of this product can be carried out by people aged eight or more and people with reduced physical, sensory or mental capabilities, or by people without any knowledge of the product's operation, provided that, to them, it is given supervision or instruction by persons with experience regarding the use of the product in a safe manner and who understand the risks and hazards involved.
- Children must not play with the product or opening devices, to prevent the motorized door or gate from being activated involuntarily. Control systems must be installed at a minimum height of 1.5m from the ground surface.
- It is prohibited to open the door or lid of the automation while it is operating.

WARNINGS FOR TECHNICIANS - GENERAL SAFETY RULES

Leia atentamente as instruções antes de proceder à instalação, na medida em que estas fornecem indicações importantes relativas à segurança, à instalação, à utilização e à manutenção. Uma instalação ou utilização incorrectas podem traduzir-se em sérios riscos para as pessoas.

- Do not leave packing materials (plastic, polystyrene, etc.) within reach of children as such materials are potential sources of danger.
- Store these instructions for future reference.
- This product was designed and built strictly for the use indicated in this documentation. Any other use, not expressly indicated here, could compromise the good condition/operation of the product and/or be a source of danger.
- Move Automation declines all liability caused by improper use or use other than that for which the automated system was intended.
- Do not install the product in explosive environments.
- The mechanical parts must conform to the provisions of Standards EN 12604 and EN 12605. For non-EU countries, to obtain an adequate level of safety, the Standards mentioned above must be observed, in addition to national legal regulations.
- Move Automation is not responsible for failure to observe Good Technique in the construction of the closing elements to be motorised, or for any deformation that may occur during use.
- The installation must conform to Standards EN 12453 and EN 12445. The safety level of the automated system must be C+D.
- Before attempting any job on the system, cut out electrical power.
- The safety devices (EN 12978 standard) protect any danger areas against mechanical movement Risks, such as crushing, dragging, and shearing.
- Use of at least one indicator-light is recommended for every system, as well as a warning sign adequately secured to the frame structure, in addition to the devices mentioned at previous point.
- The manufacturer declines all liability if incompatible safety and components are installed. Only use original spare parts to repair or replace the product.
- For maintenance, strictly use original parts by Move Automation.
- Do not in any way modify the components of the automated system.
- The installer shall supply all information concerning manual operation of the system in case of an emergency, and shall hand over to the user the "User Guide" supplied with the product.
- Do not allow children or adults to stay near the product while it is operating.
- Keep remote controls or other pulse generators away from children, to prevent the automated system from being activated involuntarily.
- Transit through the leaves is allowed only when the gate is fully open.
- The user must not attempt any kind of repair or direct action whatever and contact qualified personnel only.
- Anything not expressly specified in these instructions is not permitted.

Keep all the documents concerning the system inside or near the central control unit.



NOTICES FOR USERS

- Keep this manual in a safe place to be consulted whenever necessary.
- If the product has contact with fluids without being prepared, it must immediately disconnect from the power supply to avoid short circuits, and consult a specialized technician.
- Ensure that technician has provided you the product manual and informed you how to handle the product in an emergency.
- If the system requires any repair or modification, unlock the automatism, turn off the power and do not use it until all safety conditions have been met.
- In the event of tripping of circuits breakers of fuse failure, locate the malfunction and solve it before resetting the circuit breaker or replacing the fuse. If the malfunction is not repairable by consult this manual, contact a technician.
- Keep the operation area of the motorized gate free while the gate in in motion, and do not create strength to the gate movement.
- Do not perform any operation on mechanical elements or hinges if the product is in motion.

RESPONSABILITY

Supplier disclaims any liability if:

- Product failure or deformation result from improper installation use or maintenance!
- Safety norms are not followed in the installation, use and maintenance of the product.
- Instructions in this manual are not followed.
- Damaged is caused by unauthorized modifications.
- In these cases, the warranty is voided

MOVE AUTOMATION

Parque Empresarial de Padreiro, Rua de Paul, n411
4970-500 Arcos de Valdevez - PORTUGAL

STANDARDS TO FOLLOW

ATTENTION:



This product is certified in accordance with European Community (EC) safety standards.



This product complies with Directive 2011/65/EU of the European Parliament and of the Council, of 8 June 2011, on the restriction of the use of certain hazardous substances in electrical and electronic equipment and with Delegated Directive (EU) 2015/863 from Commission.



(Applicable in countries with recycling systems).

This marking on the product or literature indicates that the product and electronic accessories (eg. Charger, USB cable, electronic material, controls, etc.) should not be disposed of as other household waste at the end of its useful life. To avoid possible harm to the environment or human health resulting from the uncontrolled disposal of waste, separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources. Home users should contact the dealer where they purchased this product or the National Environment Agency for details on where and how they can take these items for environmentally safe recycling. Business users should contact their vendor and check the terms and conditions of the purchase agreement.



This product and its electronic accessories should not be mixed with other commercial waste.



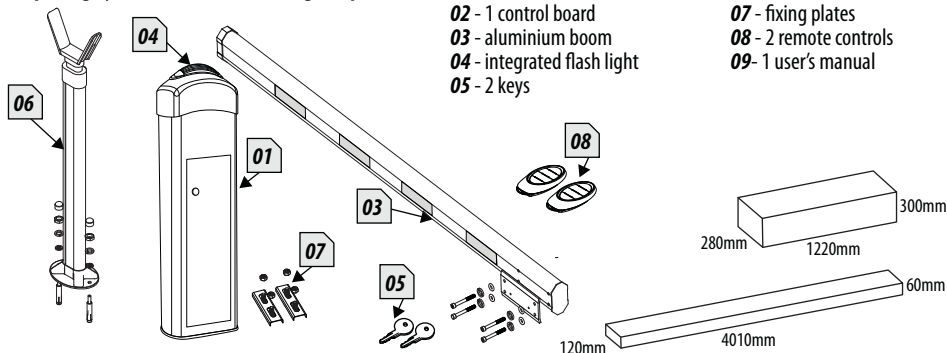
This marking indicates that the product and electronic accessories (eg. charger, USB cable, electronic material, controls, etc.) are susceptible to electric shock by direct or indirect contact with electricity. Be cautious when handling the product and observe all safety procedures in this manual.

02) PACKAGE

In the package you will find the following components:

- 01 - barrier cabinet
- 02 - 1 control board
- 03 - aluminium boom
- 04 - integrated flash light
- 05 - 2 keys

- 06 - bar rest (fixed)
- 07 - fixing plates
- 08 - 2 remote controls
- 09 - 1 user's manual



03) THE AUTOMATION

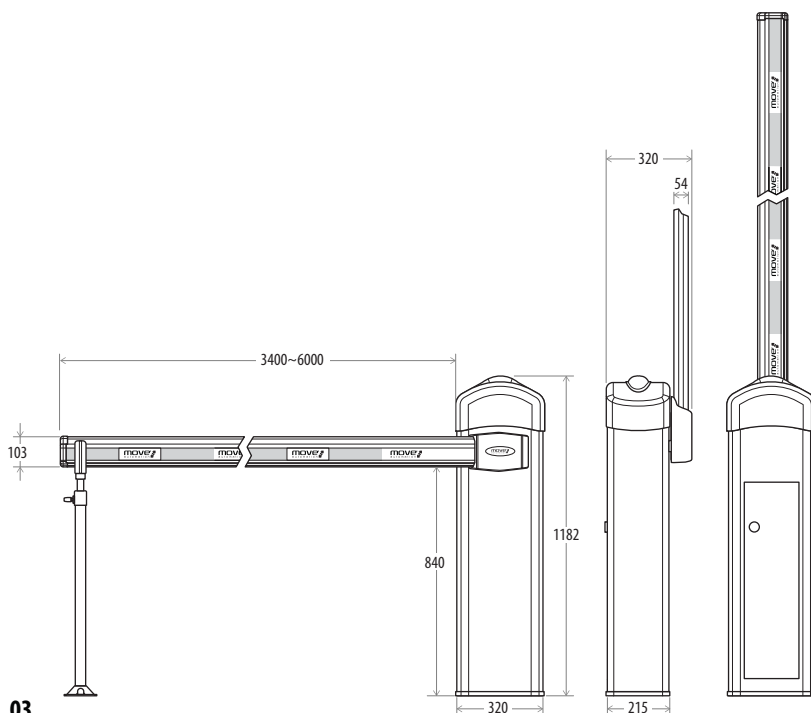
The **Lift** electromechanical automatic barriers were designed for use in public or private accesses and parks.

⚠ It is strictly prohibited to use the equipment outside of authorized conditions.

ATTENTION:

- ⚠** The correct operation and the declared specifications only apply if Move Automation accessories and safety devices are used.
- ⚠** The swing gate operator has been designed and built for controlling vehicle access. It is not intended as a high degree security deterrent against intrusion attempts and/or tampering. Avoid any other use whatever.

DIMENSIONS



TECHNICAL CHARACTERISTICS

Lift	AC	DC
POWER SUPPLY	230B 50HZ	230V 50HZ
MOTOR'S POWER	90W/230VAC	90W/24VDC
MOTOR'S ROTATION	2800r/min	1400r/min
RUNNING TIME	3~6 sec	3~6 sec
MAX. BOOM LENGHT	6m	6m

04) INSTALLATION

PRELIMINARY OPERATIONS:

Before starting any type of operation, carefully read the instruction present in this manual.

Before starting installation, make sure that all parts are present, wear suitable work clothing and accessories and do not handle live electrical parts.

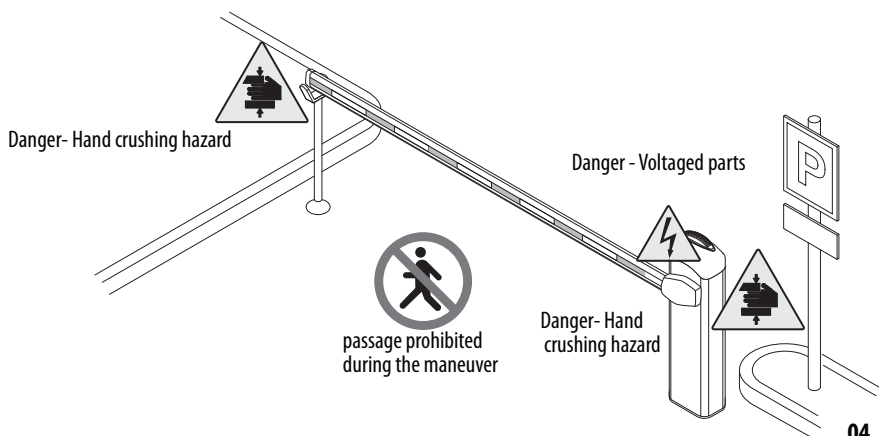
 **Certain devices and accessories mentioned in this manual are optional and not included in the kit.**

PRELIMINARY CONSIDERATIONS FOR INSTALLATION:

 **This product should NOT be installed on sloped floors.**

- Installation and/or final approval must only be carried out by specialized personnel.
- Cable preparation, installation, connection and final approval must be carried out in accordance with the rules of good technique and in compliance with current standards and legislation.
- Before starting any operation, it is mandatory to read all instructions carefully.
- Check that the rod is in good mechanical condition, that it is balanced and on axis, and that it opens and closes correctly.
- If necessary, also install suitable protections or use additional safety sensors.
- If the automation is installed at a height of less than 2.5 m from the floor or other access level, check the need for protections and/or warnings.
- Make sure that opening the electromechanical barrier does not create a risk.
- Do not mount the automation upside down or on elements that can bend. If necessary, add reinforcements to the fixing points
- do not install in inclined locations, uphill or downhill.
- Check that any irrigation devices cannot wet the automation from the bottom up.

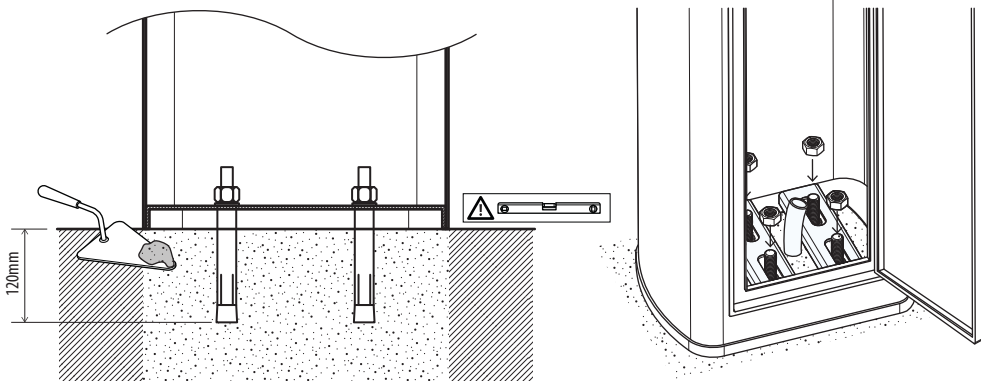
 **All installation operations must be carried out with the system disconnected from the power supply.**
Improper installation can cause serious injury to those working on or using the system.



POSITIONING THE BARRIER CABINET

⚠ *The space for fixing the barrier and accessories varies according to the installation area.
It is up to the installer to choose the most appropriate solution.*

1. If the floor does not allow for a firm and stable fixation of the barrier, prepare a cement base and position the screws provided.
2. Observe the measurements to be used for positioning the foundation, depending on the position chosen for installing the barrier
3. Prepare the necessary pipes for connections. The number of pipes depends on the type of installation and accessories provided.
4. Place the metal fixing plates, position and secure the cabinet to the floor by tightening the nuts provided.



Check the absolute stability of the fittings and, if necessary, reposition them.

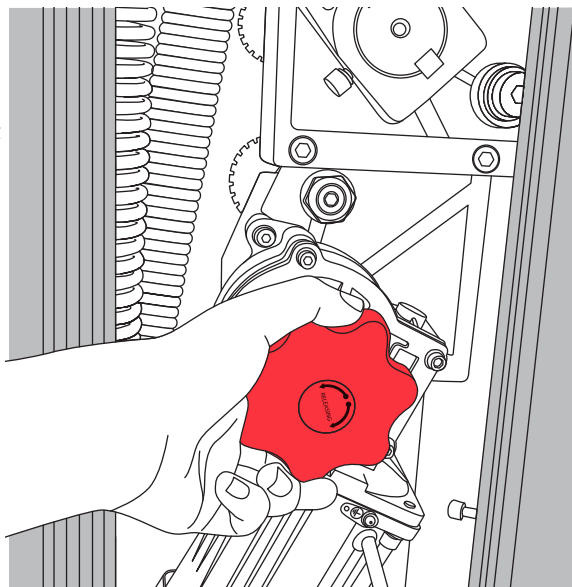
Note: *It is recommended to install the cabinet with the door facing the most convenient side.*

LOCK/UNLOCK BARRIER

1. To access the unlocking mechanism, open the barrier door with the key provided.

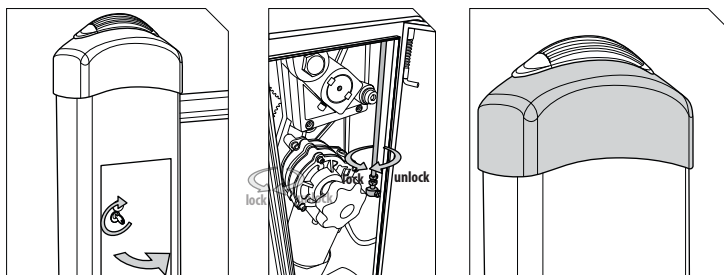
2. Unlocking/locking is carried out by pressing and turning the red wheel.

Turning it to the right locks it, turning it to the left unlocks it.

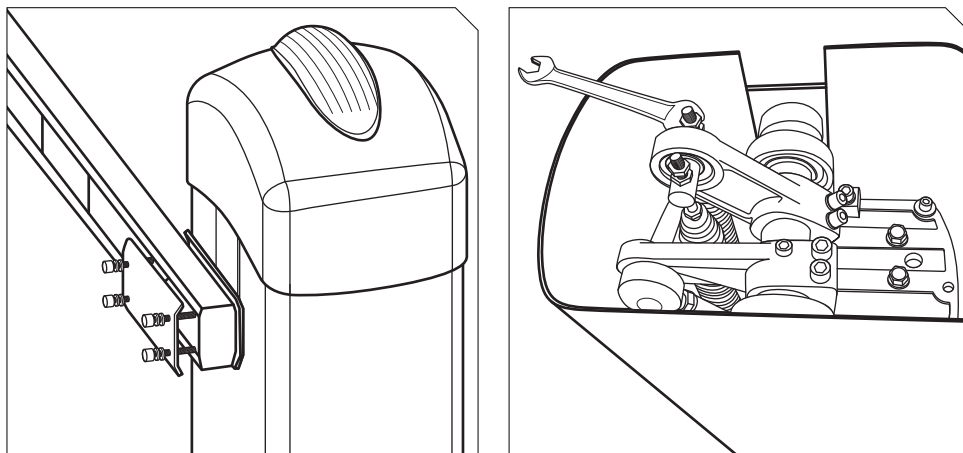


OPEN THE TOP COVER

1. Open the door with the key provided
2. Rotate the rod to unlock the cover. There are two rods, one on each side of the barrier. The hooks that secure the top cover also rotate and release the cover.
3. Pull the cover up to remove it.



BOOM INSTALLATION

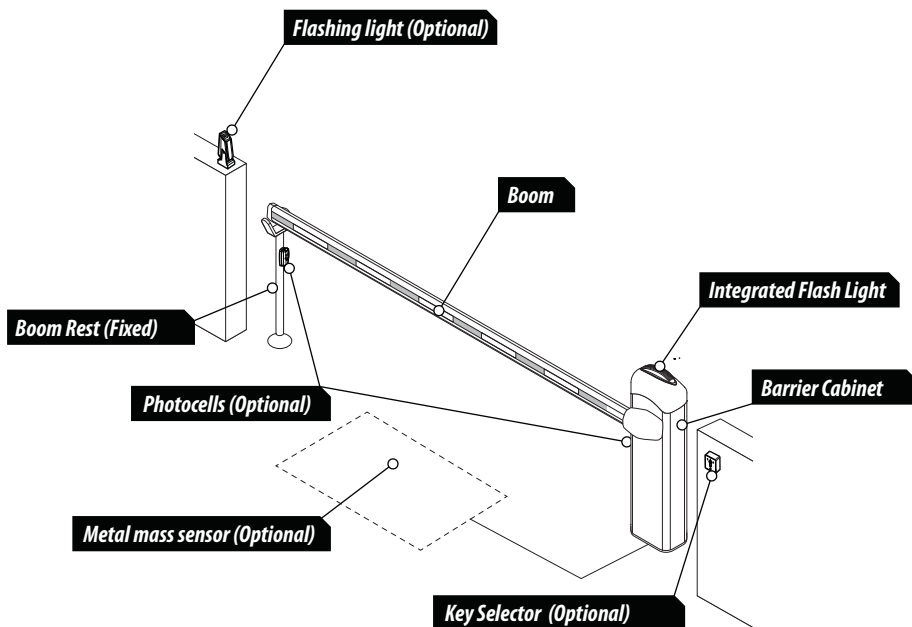


1. Insert the boom into the connection plate and secure it with screws. When the boom is fixed, use the cover to hide the fixing system.
2. The spring has already been adjusted to the provided boom. If the boom length/weight is changed, the spring must be readjusted. To adjust the spring tension, remove the cover and unlock the barrier, use a wrench to tighten (increase tension) or loosen (decrease tension) the spring nuts.

<i>boom length</i>	<i>nr. of springs</i>	<i>spring length</i>
3m	1	440mm(1* Ø5)
4m	1	440mm(1* Ø6)
5~6m	2	440mm(1* Ø5/ 1* Ø6)



The barrier is supplied with the magnetic limit switch and mechanical limit switch already configured to allow optimal rod movement. Do not change the limit position.



- . All devices, including the power supply, must be installed in accordance with current norms and standards.
 - . Choose the shortest wiring routes and separate control cables from power cables.
 - . Properly ground the system (grounding).
 - . Separate the power cables from the control cables, especially if the route is long, following the installation regulations in force in your country.
 - . To access the control board, remove the cabinet cover, then you can access the connections.
- Once the effectiveness of each device intended to operate or control the barrier has been tested, ensure its integrity before placing it at the service of customers.
- . Apply easy-to-read signage that indicates the presence of the automatic barrier.

ATTENTION! The final connection of the system to the electrical network or the replacement of cables **MUST** be carried out exclusively by a qualified electrician, in accordance with local safety regulations and control board instructions.



05) MAINTENANCE

It should only be carried out by specialized personnel after the power supply has been turned off.

After every 100,000 operations or 6 months, check (Otherwise, the warranty will expire):

- spring lubrication;
- correct balancing of the rod;
- the effectiveness of protection of security systems;
- limit switches;
- the correct functioning of the automation.



If the barrier is used in a saline environment or highly contaminated by corrosive chemical reagents, the frequency of maintenance checks must be increased due to increased environmental deterioration; in this case the cabinet must also be inspected.

06) GUARANTEE: GENERAL CONDITIONS

Move Automation guarantees this product for a period of 24 months from the date of purchase (as proved by the sales document, receipt or invoice).

This guarantee covers the repair or replacement at Move Automation's expense (ex-works Move Automation: packing and transport at the customer's expense) of parts that Move Automation recognises as being faulty as regards workmanship or materials.

For visits to the customer's facilities, also during the guarantee period, a "Call-out fee" will be charged for travelling expenses and labour costs.

The guarantee does not cover the following cases:

- If the fault was caused by an installation that was not performed according to the instructions provided by the company inside the product pack.
- If original Move Automation spare parts were not used to install the product.
- If the damage was caused by an Act of God, tampering, overvoltage, incorrect power supply, improper repairs, incorrect installation, or other reasons that do not depend on Move Automation.
- If a specialised maintenance man does not carry out routine maintenance operations according to the instructions provided by the company inside the product pack.
- Wear of components.

IMPORTANT NOTE: The repair or replacement of pieces under guarantee does not extend the guarantee period. In case of industrial, professional or similar use, this warranty is valid for 12 months.

CERTIFICADO DE GARANTIA

ES. CERTIFICADO DE GARANTÍA
EN. WARRANTY CERTIFICATE
FR. CERTIFICAT DE GARANTIE

NOME ES. NOMBRE EN. NAME FR. NOM

MORADA ES. DIRECCIÓN EN. ADDRESS FR. ADRESSE

PAÍS ES. PAÍS EN. COUNTRY FR. PAYS

CONTACTO TELEFÓNICO ES. CONTACTO TELEFÓNICO EN. PHONE CONTACT FR. CONTACT TÉLÉPHONIQUE

ASSINATURA E CARIMBO DO INSTALADOR
ES. FIRMA Y SELLO DEL INSTALADOR
EN. INSTALLER'S SIGNATURE AND STAMP
FR. SIGNATURE ET TAMPON DE L'INSTALLATEUR

/ /

GARANTIA E RESPONSABILIDADE: O uso e manutenção correcto do automatismo são fundamentais para que a garantia seja válida. A garantia tem um período de dois (2) anos para utilizadores residenciais e de um (1) ano para utilizações industriais/comerciais ou condomínios.

GARANTIA NÃO COBRE: Reparações efectuadas por pessoas que não estejam devidamente capacitadas e habilitadas. Alterações efectuadas à construção e funcionamento do automatismo. Danos causados por uso inadequado. Danos causados por falta de manutenção. Danos causados por fenómenos naturais.

Move Automation, reserva-se ao direito de efectuar modificações nos produtos apresentados no intuito de melhoria continua e desenvolvimento. Todos os direitos são reservados a Move Automation. É proibido o uso indevido e alterações deste manual sem a devida autorização.

ES. GARANTÍA Y RESPONSABILIDAD: El correcto uso y mantenimiento de la automatización son fundamentales para la vigencia de la garantía. La garantía es por un período de dos (2) años para usuarios residenciales y un (1) año para usos industriales/comerciales o condominios.

LA GARANTÍA NO COBRE: Reparaciones realizadas por personas que no están debidamente capacitadas y calificadas. Cambios realizados en la construcción y funcionamiento de la automatización. Daños causados por mal uso. Daños causados por falta de mantenimiento. Daños ocasionados por fenómenos naturales.

Move Automation, se reserva el derecho a realizar cambios en los productos presentados con el objetivo de mejora y desarrollo continuo. Todos los derechos están reservados a Move Automation. Está prohibido hacer un mal uso y alterar este manual sin la debida autorización.

EN. WARRANTY AND LIABILITY: The correct use and maintenance of automation are essential for the warranty to be valid. The warranty is for a period of two (2) years for residential users and one (1) year for industrial/commercial uses.

WARRANTY DOES NOT COVER: Repairs carried out by people who are not properly trained and qualified. Changes made to the construction and operation of the automation. Damage caused by misuse. Damage caused by lack of maintenance. Damage caused by natural phenomena.

Move Automation, reserves the right to make changes to the products presented with the aim of continuous improvement and development. All rights are reserved to Move Automation. It is forbidden to misuse and alter this manual without proper authorization.

FR. GARANTIE ET RESPONSABILITÉ: L'utilisation et l'entretien corrects de l'automatisme sont essentiels pour que la garantie soit valable. La garantie est d'une durée de deux (2) ans pour les utilisateurs résidentiels et d'un (1) an pour les utilisations industrielles/commercial ou appartements en copropriété.

LA GARANTIE NE COUVRE PAS: Les réparations effectuées par des personnes qui ne sont pas correctement formées et qualifiées. Modifications apportées à la construction et au fonctionnement de l'automatisation. Dommages causés par une mauvaise utilisation. Dommages causés par un manque d'entretien. Dommages causés par des phénomènes naturels.

Move Automation se réserve le droit d'apporter des modifications aux produits présentés afin de s'améliorer et de se développer en permanence. Tous les droits sont réservés à Move Automation. L'utilisation abusive et la modification de ce manuel sans autorisation appropriée sont interdites.



REGISTOS DE MANUTENÇÃO PERIODICA

ES. REGISTROS DE MANTENIMIENTO PERIÓDICO

EN. PERIODIC MAINTENANCE LOG

FR. REGISTRE D'ENTRETIEN PÉRIODIQUE

Antes de qualquer outra operação de manutenção, é aconselhável desligar para evitar qualquer situação de perigo causada pelo movimento acidental do dispositivo.

ES. Antes de cualquier otra operación de mantenimiento, se recomienda apagarlo para evitar cualquier situación de peligro provocada por un movimiento accidental del dispositivo.

EN. Before doing any maintenance, cut off the power supply, to prevent any hazardous situations caused by accidentally activating the operator.

FR. Before any other maintenance operation, it is advisable to switch off the power to avoid any dangerous situation caused by accidental movements of the device.

DATA ES. FECHA EN. DATE FR. DATE	OBSERVAÇÕES ES. OBSERVACIONES EN. NOTES FR. REMARQUES	ASSINATURA ES. FIRMA EN. SIGNATURE FR. SIGNATURE

DATA ES.FECHA EN.DATE FR.DATE	OBSERVAÇÕES ES.OBSERVACIONES EN.NOTES FR.REMARQUES	ASSINATURA ES.FIRMA EN.SIGNATURE FR.SIGNATURE



REGISTOS DE MANUTENÇÃO EXTRAORDINÁRIA

ES. REGISTRO DEL MANTENIMIENTO EXTRAORDINARIO

EN. EXTRAORDINARY MAINTENANCE LOG

FR. DOSSIER D'ENTRETIEN EXTRAORDINAIRE

A tabela seguinte deve ser usada para registar intervenções de manutenção extraordinária, de reparos e de melhorias executadas por empresas externas especializadas. As intervenções de manutenção extraordinária devem ser efetuadas por técnicos especializados.

ES. El siguiente cuadro sirve para apuntar las operaciones de mantenimiento extraordinario, de reparación y de mejora efectuadas por empresas especializadas externas.

Las operaciones de mantenimiento extraordinario deben ser efectuadas por parte de técnicos especializados.

EN. The following table is for logging any extraordinary maintenance jobs, repairs and improvements performed by specialized contractors. Any extraordinary maintenance jobs must be done only by specialized technicians.

FR. Le tableau suivant permet d'enregistrer les interventions d'entretien curatif, de réparation et d'amélioration effectuées par des sociétés externes spécialisées. Les interventions d'entretien curatif doivent être effectuées par des techniciens qualifiés.

Carimbo do Instalador ES. Timbre del instalador EN. Fitter's Stamp FR. Cachet Installateur	Nome do operador ES. Nombre del operador EN. Name of Operator FR. Nom de l'opérateur
	Data da intervenção ES. Fecha de la operación EN. Date FR. Date Intervention
	Assinatura do técnico ES. Firma del técnico EN. Technician's Signature FR. Signature technicien
	Assinatura do requerente ES. Firma del cliente EN. Requester's Signature FR. Signature Client
Intervenção Efectuada ES. Operación efectuada EN. Job Performed FR. Intervention effectuée	
Carimbo do Instalador ES. Timbre del instalador EN. Fitter's Stamp FR. Cachet Installateur	Nome do operador ES. Nombre del operador EN. Name of Operator FR. Nom de l'opérateur
	Data da intervenção ES. Fecha de la operación EN. Date FR. Date Intervention
	Assinatura do técnico ES. Firma del técnico EN. Technician's Signature FR. Signature technicien
	Assinatura do requerente ES. Firma del cliente EN. Requester's Signature FR. Signature Client
Intervenção Efectuada ES. Operación efectuada EN. Job Performed FR. Intervention effectuée	
Carimbo do Instalador ES. Timbre del instalador EN. Fitter's Stamp FR. Cachet Installateur	Nome do operador ES. Nombre del operador EN. Name of Operator FR. Nom de l'opérateur
	Data da intervenção ES. Fecha de la operación EN. Date FR. Date Intervention
	Assinatura do técnico ES. Firma del técnico EN. Technician's Signature FR. Signature technicien
	Assinatura do requerente ES. Firma del cliente EN. Requester's Signature FR. Signature Client
Intervenção Efectuada ES. Operación efectuada EN. Job Performed FR. Intervention effectuée	



Carimbo do Instalador <i>ES</i> .Timbre del instalador <i>EN</i> .Fitter's Stamp <i>FR</i> .Cachet Installateur	Nome do operador <i>ES</i> .Nombre del operador <i>EN</i> .Name of Operator <i>FR</i> .Nom de l'opérateur
	Data da intervenção <i>ES</i> .Fecha de la operación <i>EN</i> .Date <i>FR</i> .Date Intervention
	Assinatura do técnico <i>ES</i> .Firma del técnico <i>EN</i> .Technician's Signature <i>FR</i> .Signature technicien
	Assinatura do requerente <i>ES</i> .Firma del cliente <i>EN</i> .Requester's Signature <i>FR</i> .Signature Client
Intervenção Efectuada <i>ES</i> .Operación efectuada <i>EN</i> .Job Performed <i>FR</i> .Intervention effectuée 	
Carimbo do Instalador <i>ES</i> .Timbre del instalador <i>EN</i> .Fitter's Stamp <i>FR</i> .Cachet Installateur	Nome do operador <i>ES</i> .Nombre del operador <i>EN</i> .Name of Operator <i>FR</i> .Nom de l'opérateur
	Data da intervenção <i>ES</i> .Fecha de la operación <i>EN</i> .Date <i>FR</i> .Date Intervention
	Assinatura do técnico <i>ES</i> .Firma del técnico <i>EN</i> .Technician's Signature <i>FR</i> .Signature technicien
	Assinatura do requerente <i>ES</i> .Firma del cliente <i>EN</i> .Requester's Signature <i>FR</i> .Signature Client
Intervenção Efectuada <i>ES</i> .Operación efectuada <i>EN</i> .Job Performed <i>FR</i> .Intervention effectuée 	
Carimbo do Instalador <i>ES</i> .Timbre del instalador <i>EN</i> .Fitter's Stamp <i>FR</i> .Cachet Installateur	Nome do operador <i>ES</i> .Nombre del operador <i>EN</i> .Name of Operator <i>FR</i> .Nom de l'opérateur
	Data da intervenção <i>ES</i> .Fecha de la operación <i>EN</i> .Date <i>FR</i> .Date Intervention
	Assinatura do técnico <i>ES</i> .Firma del técnico <i>EN</i> .Technician's Signature <i>FR</i> .Signature technicien
	Assinatura do requerente <i>ES</i> .Firma del cliente <i>EN</i> .Requester's Signature <i>FR</i> .Signature Client
Intervenção Efectuada <i>ES</i> .Operación efectuada <i>EN</i> .Job Performed <i>FR</i> .Intervention effectuée 	



