



USE AND MAINTENANCE MANUAL

Barriers



Rev.00 07/12/2016

1 Safety precautions

Failure to observe the information given in this manual may result in personal injury or damage to the equipment.

These instructions are an integral part of the product and must be handed to the user.

Read these instructions carefully, as they provide important information concerning the safety, use and maintenance of the installation.

These instructions must be kept and must be made available to any other persons authorised to use the installation.

This product may only be used for its expressly intended purpose.

Any other usage is inappropriate and dangerous. The manufacturer cannot be held responsible for any damage resulting from inappropriate, erroneous or unreasonable usage.

Keep away from hinges and moving parts.

Keep out of the area of action of the motorised door or gate while it is moving.

Never try to stop the motorised door or gate while it is moving as this may be dangerous.

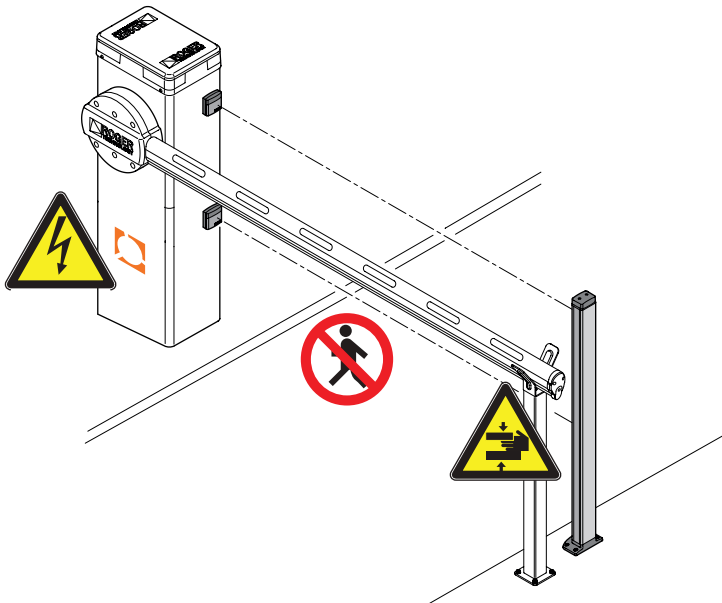
The motorised door or gate may be used by children aged 8 and above, by persons with diminished physical, sensory or mental capacity and by persons without the necessary experience and knowledge provided that they are supervised or have received adequate instruction on using the installation safely and to ensure that they understand the dangers involved in its operation.

Children must be supervised at all times to ensure that they do not play with the installation and that they keep out of the area of action of the motorised door or gate.

Keep remote controls and any other control devices out of the reach of children to prevent the risk of the motorised door or gate being operated unintentionally.

In the event of a fault or malfunction of the product, turn the main power switch off and have the installation serviced by a qualified professional. Do not attempt to repair the installation or rectify the problem yourself.

Failure to observe these instructions may lead to danger.



2 Responsibility for product

In accordance with European Directives, the owner or user of in the installation is responsible for complying with the following.

To ensure that the installation is kept in proper working order, the automatic gate must be subject to periodical maintenance performed by qualified personnel in accordance with the instructions of the manufacturer.

The automatic system must operate in the original conditions verified during initial testing conducted by the installer and in the presence of the end user.

Do not tamper with the original settings.

In the event of a fault or malfunction of the automatic barrier, disconnect the installation from mains electrical power and have the installation serviced by a qualified professional. Do not attempt to repair the installation or rectify the problem yourself.

In the event of any malfunction, stop using the automation system immediately and contact the technical support service.

Failure to observe these instructions may lead to danger.

3 Maintenance

The ROGER TECHNOLOGY automation system for barriers requires periodical maintenance to keep it in proper working order and to ensure that it continues to function in complete safety.

Agree upon a periodical maintenance schedule with the installer.

ROGER TECHNOLOGY recommends servicing at 6 month intervals for normal usage. However, the frequency of maintenance intervals may vary depending on intensity of usage.

In particular, all the safety devices must be checked periodically to ensure that they are working correctly. All installation, maintenance and repair work must be documented correctly, and the relative documents must be made available to the user.

2.1 Periodical maintenance by user

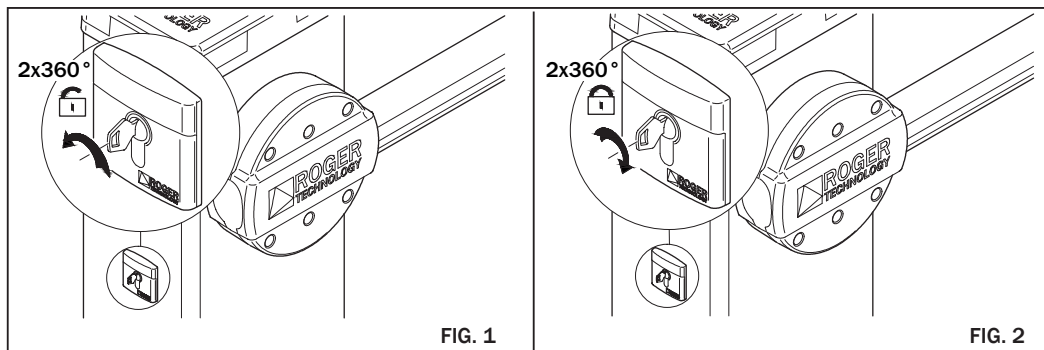
- Clean the lenses of the photocells with a soft cloth dampened slightly with water. Do not use solvent or other chemical products, as this may damage the devices.
- Check that there are no plants within the radius of action of the boom which could interfere with the photocells or with the movements of the boom itself.
- Do not direct water onto the parts.

2.2 Periodical maintenance by installer

- Disconnect the system from mains electricity and unlock the barrier.
- Check all parts for wear and deterioration. In particular, check all structural parts for wear and corrosion.
- Replace any parts not in an adequate condition to ensure continued correct operation.
- Check the tightness of all the fastener screws and nuts.
- Clean and lubricate the pivot points with lithium based grease (EP LITIO).
- Check the electrical connections.
- Check that the manual lock release system works.
- Check that the boom is balanced correctly. See the relative chapter in the installation manual for the correct adjustment procedure.
- Lock the barrier and reconnect to mains electricity.
- Check that the safety devices and all the control functions work correctly.
- Check that the obstacle detection function works correctly.
- Check that there is no risk of the boom accidentally lifting persons or objects.
- Check that the force limiting function prevents potentially dangerous situations in compliance with the standard EN 12445.

4 Unlock instructions

Warning: always disconnect the installation from mains electricity and, if applicable, from the batteries before unlocking and locking the automation system.



Unlock the barrier in the event of a power outage or before performing scheduled maintenance or repairs. The unlock procedure must be performed with the boom in the closed position. Ensure that there are no persons, objects or animals within the operating radius of the barrier when unlocking.

RELEASE AND MANUAL OPERATION

Insert the key included into the lock and turn anticlockwise twice by 360° , as indicated in figure 1. Move the boom manually.

RESTORING AUTOMATIC OPERATION

To lock the barrier, insert the key included into the lock and turn clockwise twice by 360° , as indicated in figure 2.

Remove the key and hand it to the end user.

5 Environmental requisites



ROGER TECHNOLOGY products consist of electronic components and may also be equipped with batteries containing substances that are harmful to the environment. Disconnect from mains electricity before removing electronic components and the battery.

Observe local regulations for disposing of used materials and packaging. Disposing correctly of products when no longer in use will contribute to preventing harm to the environment and to human health.

To dispose correctly of electric and electronic devices and batteries, the owner or user must deliver them to specialised differentiated refuse collection centres operated by local authorities.

6 Troubleshooting

Problem	Possible cause	Solution
Barrier does not open and does not close	No power	Check mains power supply
	Gear motor unlocked	Lock the gear motor. See instructions for unlocking.
	Transmitter battery flat	Replace batteries
	Transmitter broken	Contact technical support service
	STOP button stuck or faulty	Contact technical support service
	Open/close buttons or key selector switch stuck	Contact technical support service
Barrier opens but does not close	Obstacle detected by photocells	Check if photocell lenses are clean and check operation of photocells
	Sensing edge malfunction	Contact technical support service
Barrier closes but does not open	Sensing edge malfunction	Contact technical support service
Flashing light not working	Bulb blown	Replace bulb.

7 Installation details

INSTALLER COMPANY

Trading name

Address (Street No, street etc.)

PO CODE

City

Prov.

Telephone no.

E-mail

INSTALLER

Name

Surname

Mobile

E-mail

Client

Name

Surname

Installation site address (Street No, street etc.)

PO CODE

City

Prov.

Telephone no.

E-mail

INSTALLATION APPLICATION



RESIDENTIAL



CONDOMINIUM



INDUSTRIAL



COMMERCIAL



PARKING

INSTALLATION DETAILS

1. Passage dimensions (m)

2. Boom length (m)

3. Structure:

- With fixed end rest
- With hinged end rest
- With drop skirt
- With articulation
- With joint

4. Spring type / Diameter Ø

- AG/SP61/01 Ø61
- AG/SP72/01 Ø72
- AG/SP83/01 Ø83
- AG/SP85/01 Ø85

PRODUCTS INSTALLED

AUTOMATION



- AG/004
- AG/004/IS
- AG/004/115V
- AG/004/IS/115V
- AG/006
- AG/006/IS
- AG/006/115V
- AG/006/IS/115V
- AG/001/PE
- AG/001/PC

CONTROL UNIT

ROGER

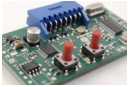
- AG/CTRL
- AG/CTRL/P

Rev. _____

OTHER COMPANY

(Specify model)

RADIO RECEIVERS AND REMOTE CONTROLS



- H93/RX22A/I
- H93/RX2RC/I



- R93/RX12A/I
- R93/RX2RC/U



- R93/RX14M/24

RADIO RECEIVER

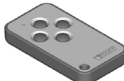
ROGER

OTHER COMPANY

(Specify model)



- E80/TX52R/2



- E80/TX54R/2



- E80/TX2R/RC



- E80/TX4R/RC



- H80/TX22



- M80/TX44R

PHOTOCELLS



- R90/F2ES
- R90/F4ES



- G90/F2ES
- G90/F2ESI
- G90/F4ES



- G90/F2ES/TRIX/TX
- G90/F2ES/TRIX/RX
- G90/F4ES/TRIX/TX
- G90/F4ES/TRIX/RX



- M90/F2ES



- M90/F2ESO



- T90/F2S
- T90/F4S

**Number of TX/
RX sets**







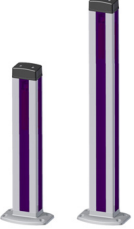
1

2

3

4

ACCESSORIES

 <p>R85/60ES <input type="checkbox"/></p> <p>R85/60EAS <input type="checkbox"/></p> <p>R85/60EAS/TRIX <input type="checkbox"/></p> <p>R85/60EAE <input type="checkbox"/></p> <p>R85/60EAE/TRIX <input type="checkbox"/></p> <p>R85/60IS <input type="checkbox"/></p> <p>R85/60IAS <input type="checkbox"/></p> <p>R85/60IAE <input type="checkbox"/></p>	 <p>H85/TDS/E <input type="checkbox"/></p> <p>H85/TDS/I <input type="checkbox"/></p> <p>H85/TDS/TRIX <input type="checkbox"/></p> <p>H85/TDR/E <input type="checkbox"/></p> <p>H85/TDR/I <input type="checkbox"/></p> <p>H85/TDR/TRIX <input type="checkbox"/></p>	 <p>H85/TTD/E <input type="checkbox"/></p> <p>H85/TTD/I <input type="checkbox"/></p> <p>H85/TTD/TRIX <input type="checkbox"/></p>	 <p>R92/LED24 <input type="checkbox"/></p> <p>R92/LED230 <input type="checkbox"/></p> <p>R92/LR3 <input type="checkbox"/></p>	 <p>R91/AN1/LR1 <input type="checkbox"/></p> <p>R91/AN1/P1 <input type="checkbox"/></p>	<p>ACCESSORIES</p> <p>ROGER <input type="checkbox"/></p> <p>OTHER COMPANY <input type="checkbox"/></p> <p>_____ (Specify model)</p> <p>_____ (Specify model)</p>
 <p>CFT500 <input type="checkbox"/></p> <p>CFT501 <input type="checkbox"/></p>		 <p>TRIX50 <input type="checkbox"/></p> <p>TRIX100 <input type="checkbox"/></p> <p>TRIX50/G90 <input type="checkbox"/></p> <p>TRIX100/G90 <input type="checkbox"/></p>			

ADDITIONAL ACCESSORIES

Use and maintenance manual handed to client: (place and date) _____

Installer signature: _____

Client signature: _____

8 Maintenance log

Trading name and address (or stamp)
of maintenance company

Corrective action



Date of work: _____

Description of work:

Replacement YES NO

Reason for replacement:

Material replaced:

Date:

Technician signature:

Client signature:

Signature for acceptance

Trading name and address (or stamp)
of maintenance company

Corrective action



Date of work: _____

Description of work:

Replacement

YES

NO

Reason for replacement:

Material replaced:

Date:

Technician signature:

Client signature:

Signature for acceptance

Trading name and address (or stamp)
of maintenance company

Corrective action



Date of work:

Description of work:

Replacement

YES

NO

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Technician signature:

Client signature:

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Client signature:

Signature for acceptance

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Corrective action



Date of work: _____

Description of work:

Replacement

YES

NO

Reason for replacement:

Material replaced:

Date:

Technician signature:

Client signature:

Signature for acceptance

Installer details

Document No.: _____

Product description: _____

B.code: _____

CLIENT

Name		Surname	
Address of installation (Street No., street etc.)			
PO CODE	City	Prov.	
Telephone no.		E-mail	

THE AFOREMENTIONED PRODUCT HAS SUCCESSFULLY PASSED INITIAL TESTING

PRELIMINARY CHECKS

<input type="checkbox"/>	Product complete and undamaged
<input type="checkbox"/>	In-built safety devices undamaged
<input type="checkbox"/>	No visible defects

CHECK AFTER ASSEMBLY

<input type="checkbox"/>	All components assembled correctly
<input type="checkbox"/>	All signage in place (gate warning sign)
<input type="checkbox"/>	Mechanical protective devices
<input type="checkbox"/>	Electrical hazard warning signs
<input type="checkbox"/>	Mechanical hazard warning signs
<input type="checkbox"/>	Residual risk warning signs

FUNCTIONAL TESTS

<input type="checkbox"/>	Test opening and closing of system unconnected to gate
<input type="checkbox"/>	Start and stop devices
<input type="checkbox"/>	Emergency stop devices
<input type="checkbox"/>	Safety devices
<input type="checkbox"/>	Adjustments and settings

PERFORMANCE TESTS

<input type="checkbox"/>	Performance as indicated
<input type="checkbox"/>	Noise when operating within acceptable limits
<input type="checkbox"/>	No hazardous emissions
<input type="checkbox"/>	No damage found after testing

Note:

- The report certifying the successful outcome of the initial tests described above constitutes proof of conformity of the product and the formal act of final delivery of the product in its place of installation and use.
- By signing this report, the client:
 - confirms that the functional characteristics of the product fulfil their required specifications and accepts delivery of the product itself;
 - declares that they have received the use and maintenance instructions for this product, that they have read the instructions and that they will make the instructions available to any person authorised to use the product. declares that they have been informed of all legislative requirements regarding the usage of the product;
 - undertakes to ensure that the product is used correctly and will be maintained adequately and kept in proper working order as indicated in the use and maintenance instructions;
 - declares that they have received the EC Declaration of Conformity (in compliance with Annexe IIA of EC Directive 98/37/EC).

Place and date _____

Installer signature: _____

Client signature: _____

Installer details

Document No.: _____

Product description: _____

B.code: _____

CLIENT

Name		Surname	
Address of installation (Street No., street etc.)			
PO CODE	City		Prov.
Telephone no.		E-mail	

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Place and date _____

Installer
signature: _____

Client
signature: _____



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