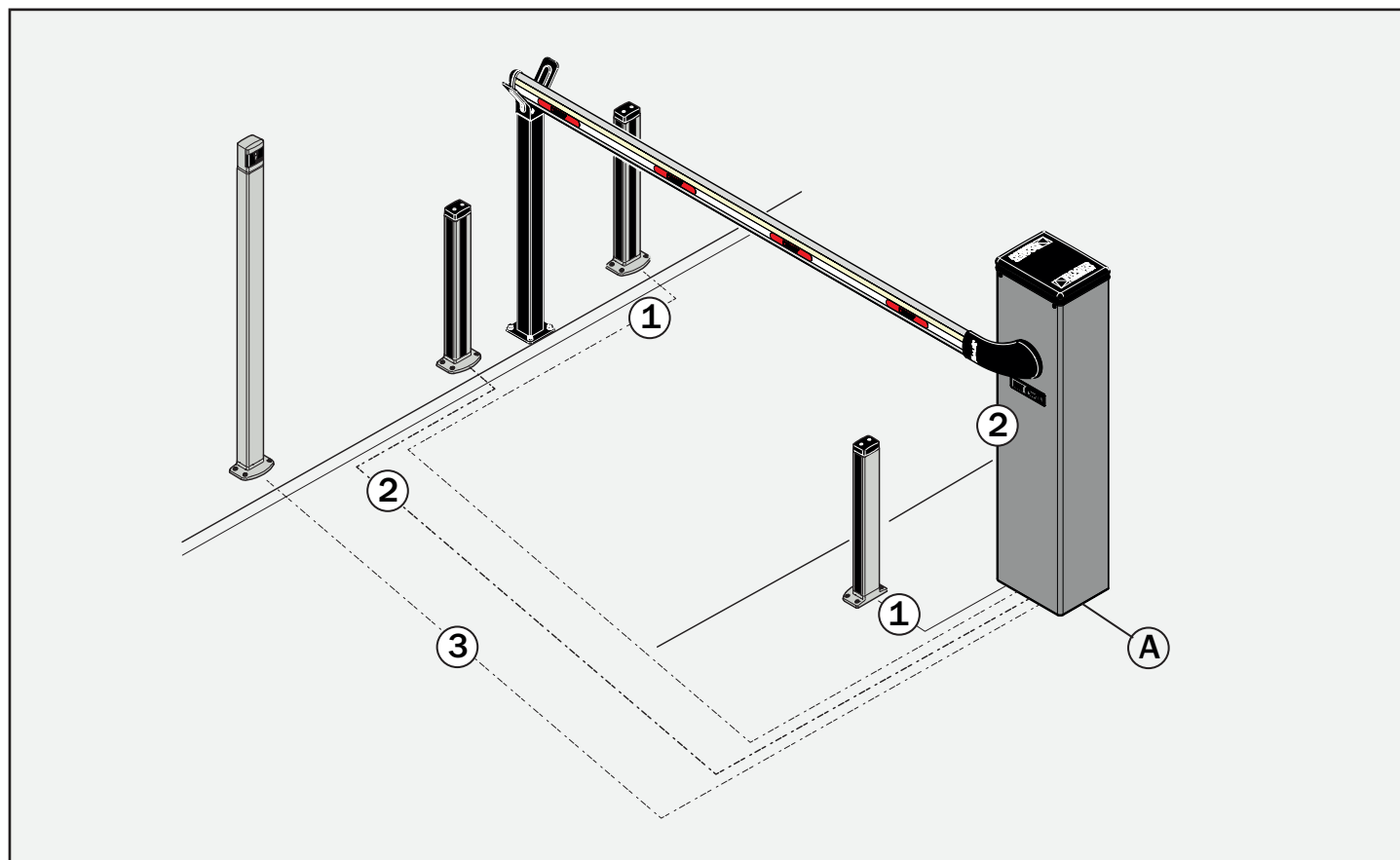




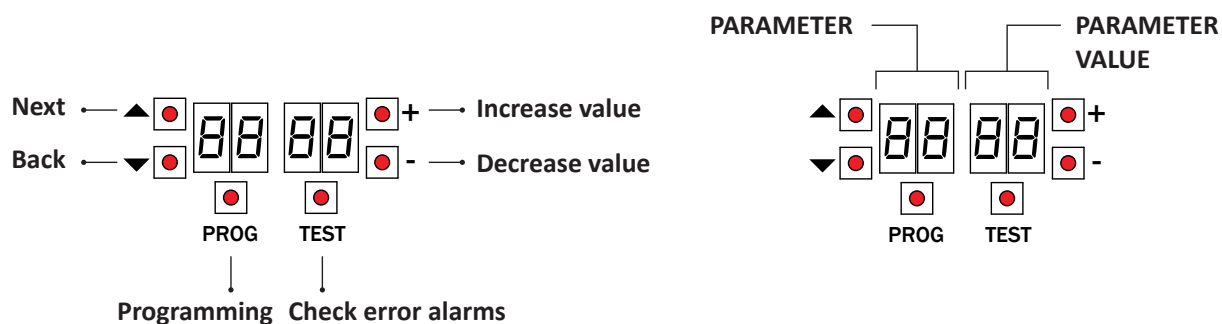
Rev02 17/08/2020

CTRL is the range of 36V DC digital controllers installed with the barrier applications.

1. Typical installation (purely for information)



(A)	Power supply	H07RNF 3x1,5 mm ² double insulated cable
(1)	Photocell - Receiver	5 x 0.5 mm ² double insulated cable (max. 20 m)
(2)	Photocell - Transmitter	3 x 0.5 mm ² double insulated cable (max. 20 m)
(3)	Selector / Keypad	3 x 0.5 mm ² cable



4. Before starting ...

a) **IMPORTANT:** Select the length of the boom with the parameter **A1**.



It is very important that this parameter is selected correctly. An incorrect setting may cause severe damage or injury.

	AG/004 KB/004 BI/004HP	up to 3 m			BI/004	up to 3 m	
	AG/004 KB/004 BI/004HP	from 3 m to 4,5 m			BI/004	from 3 m to 4 m	
	AG/006 KB/006 BI/006	from 4,5 m to 6 m			BI/008	up to 8 m	

b) Select the position of the barrier in relation to the gate, using parameter **71**.

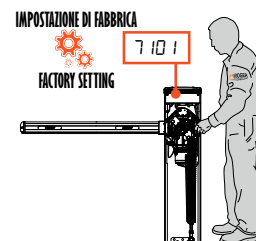
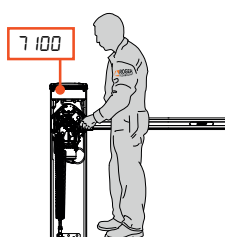
The factory setting of the parameter is with the barrier installed on the right (**71 01**) and the boom opening/closure gate on the left (seen from the inspection hatch side).



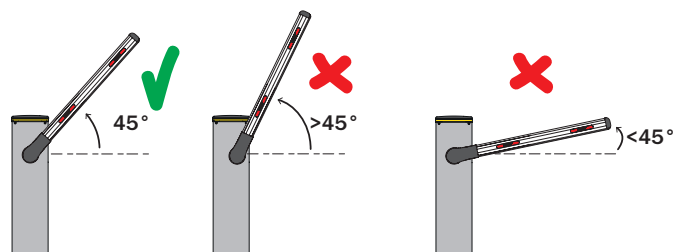
If the installation position is changed from the right to the left, the position of the spring(s) must also be changed.



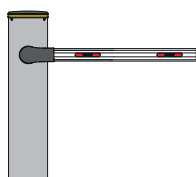
IMPORTANT! Lubricate the pivot points with lithium based grease



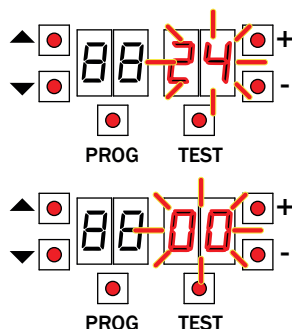
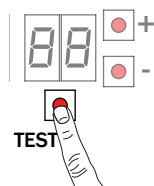
c) Check the spring balance setting and the mechanical stop setting. See the installation manual for the barrier.



d) Move the barrier boom into the completely CLOSED position.



e) Press TEST



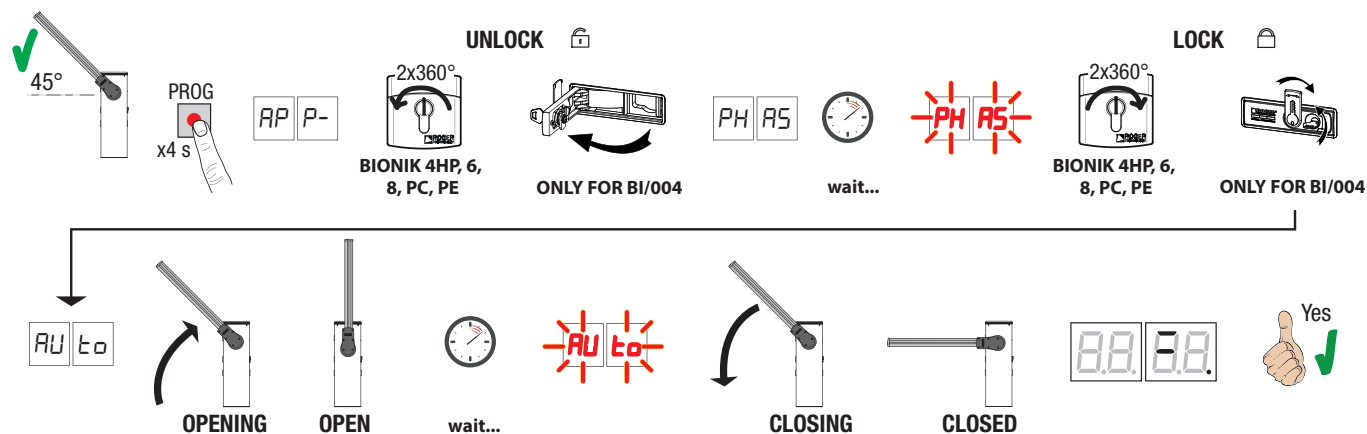
Possible alarms and safety device messages:

00	No safety device in alarm state and no limit switch activated.
21	STOP contact (N.C.) open. Jumper the STOP contact. Release handle or lock open. Barrier inspection hatch open.
23	Sensing edge contact COS (N.C.) is open. Check connection. If sensing edge is not installed, disable with 73 00.
24	Photocell contact FT (N.C.) is open. Check connection. If photocell is not installed, disable with 50 00.
br	Shatter-proof system enabled, or not connected or incorrectly connected.
r5 (rS)	STOP contact active for MASTER barrier (message shown on SLAVE controller displayed).

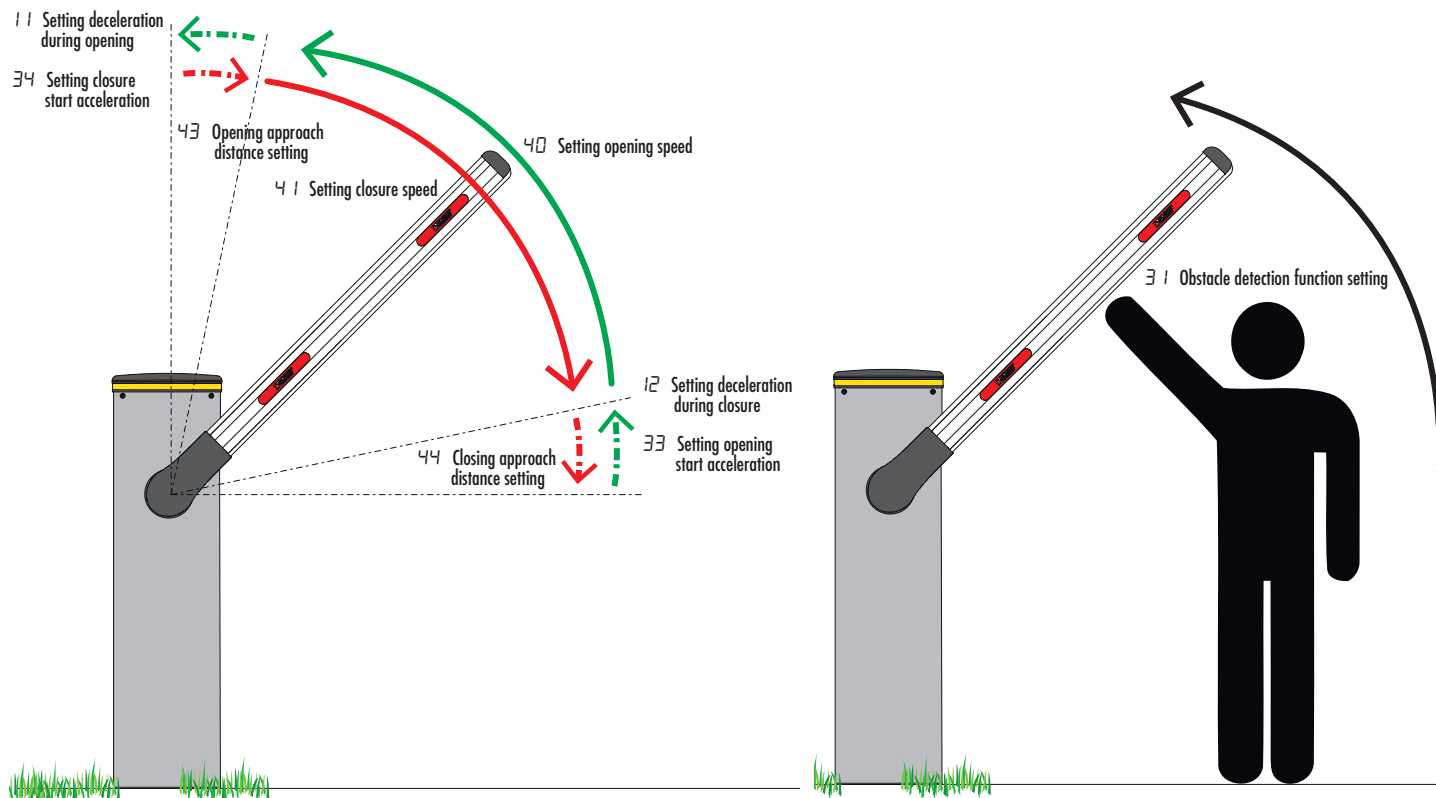
SEE ACQUISITION PROCEDURE

5. Acquisition procedure

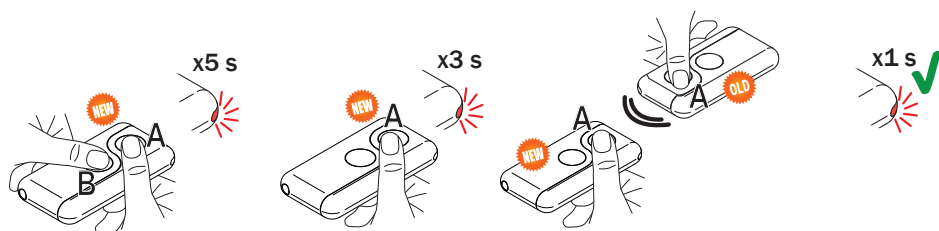
1. Check that the barrier boom is at 45°.
2. Press and hold PROG for 4 s.
3. *APP-* appears on the display.
4. Open the release cover.
5. *PHAS* appears.
6. Wait until the message *PHAS* flashes.
7. Close the release cover.
8. *AUTO* appears.
9. The barrier starts to open.
10. Once the barrier is open, the message *AUTO* flashes on the display after a few seconds and the barrier starts to close.
11. When the barrier is closed, the safety device symbols are displayed.



6. Setting basic parameters

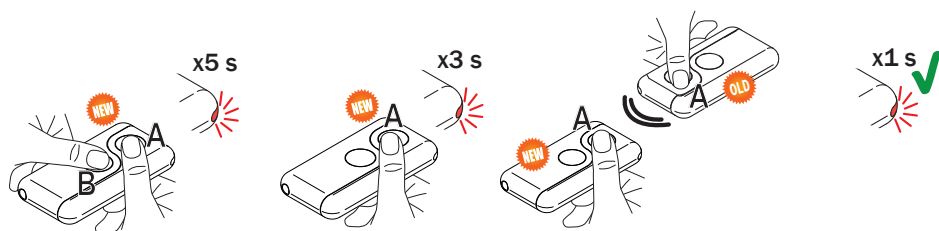


9. Photocells grounding connection



1. Press channel P1 (P2) of the receiver.
2. When LED L1 (L2) flashes 3 times (or 4 times with rolling code function), press any button on the transmitter.
3. If LED L1 (L2) remains steadily lit the transmitter has been stored correctly.

8. Copying a transmitter

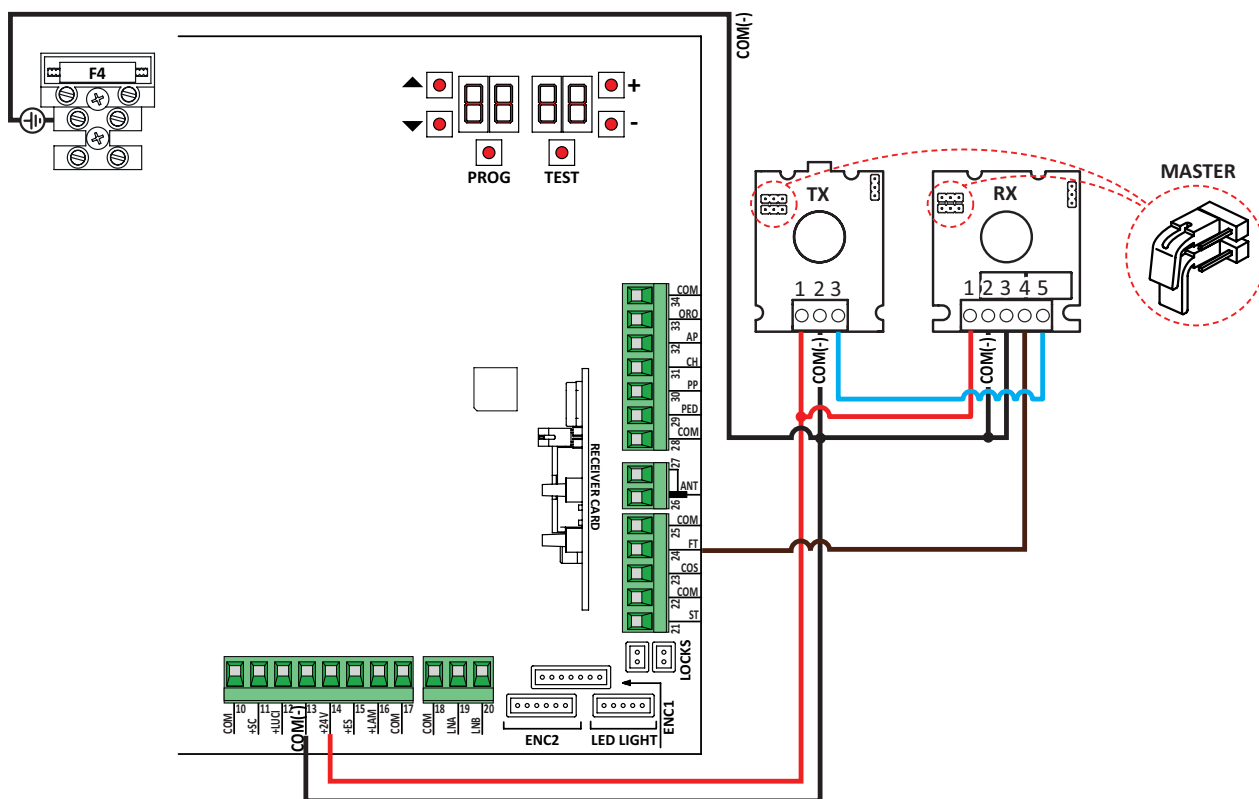


1. Press buttons A and B on the NEW transmitter simultaneously.
2. The LED flashes for 5 s.
3. Hold button (A) only on the NEW transmitter you want to store.
4. The LED flashes 3 s.
5. Hold the previously stored transmitter as close as possible to the NEW transmitter.
6. Press button (A) on the OLD transmitter.
7. The LED lights for 1 s to confirm that the copy procedure was successful.

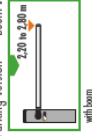
9. Photocells grounding connection

Grounding connection negative terminal (COM) photocells series F4ES/F4S or other than Roger Technology

In case of malfunction, or failure to intervene in case of dimming, or continuous detection, or abnormal behaviour of the automation (gate, overhead door, barrier, etc.), it is advisable to connect the negative terminal (COM) of the photocells to the grounding of the system.

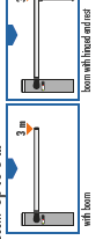


Parking version boom from 2,20 to 2,80 m



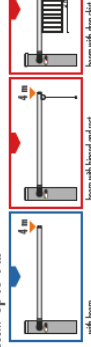
boom with drop skirt

Boom up to 3 m



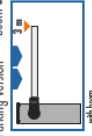
boom with magnet

Boom up to 4 m



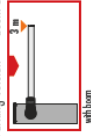
boom with magnet

Parking version boom up to 3 m



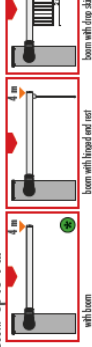
boom with drop skirt

Parking version boom up to 3 m



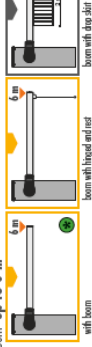
boom with drop skirt

Boom up to 4 m



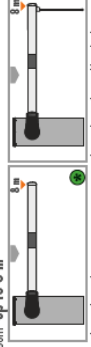
boom with magnet

Boom up to 6 m



boom with magnet

Boom up to 8 m



boom with magnet

Bionik4

Bionik1PC

Bionik1PE

Bionik4HP

Bionik6

Bionik8

- ⚙️ THE ADJUSTABLE FIXED END REST WITH INTEGRATED MAGNET RINGS/OS IS MANDATORY
- ⚙️ WITH COMPULSORY FIXED END REST
- ⚙️ CONFIGURATION ONLY POSSIBLE IF THE DROP SKIRT IS INSTALLED AS CLOSE AS POSSIBLE TO THE CABINET

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The color on the top corresponds to the different type of spring