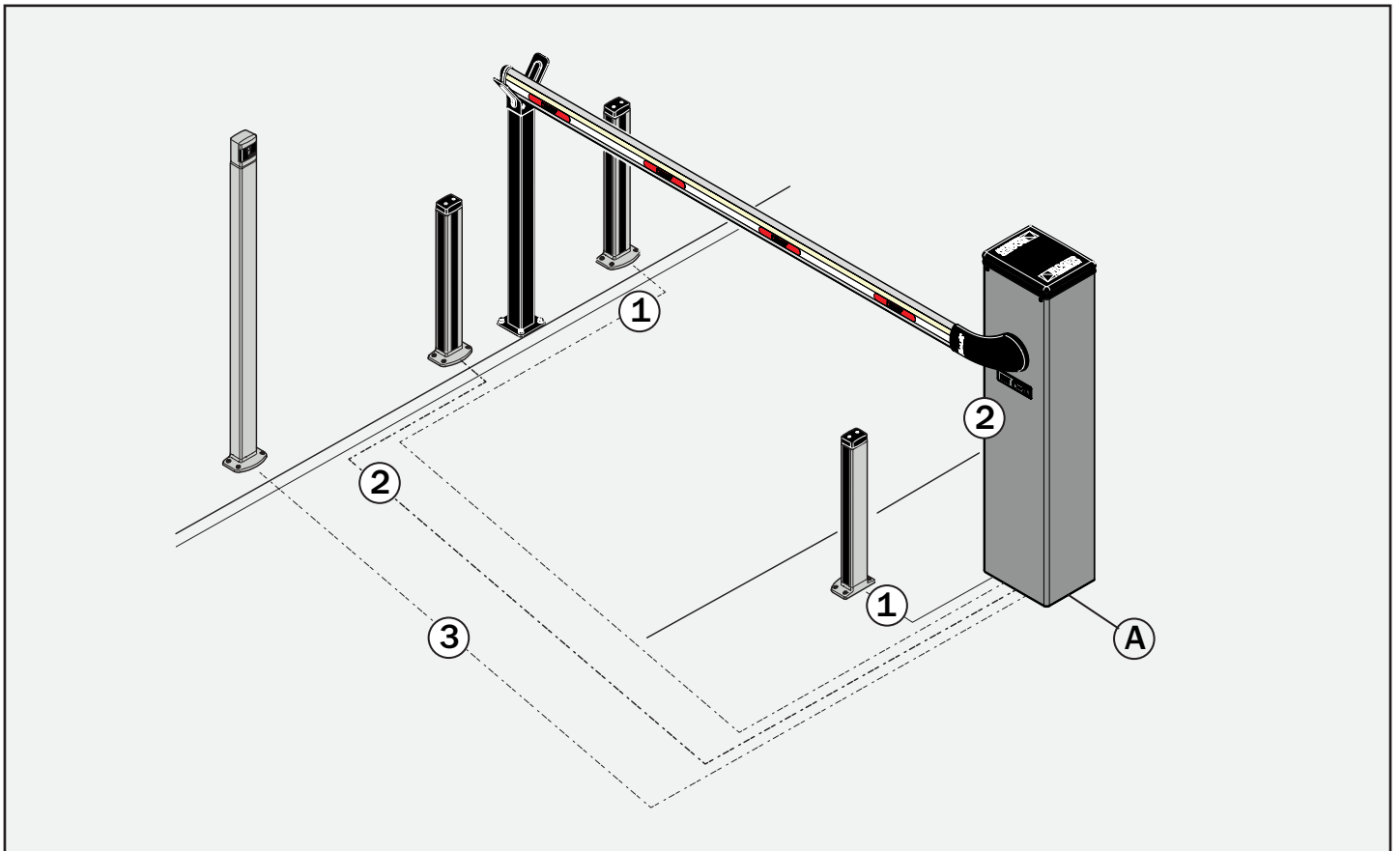




Rev01 03/04/2020

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

1. Typical installation (purely for information)










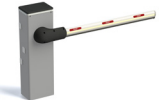




(A)	Power supply	H07RNF 3x1,5 mm ² double insulated cable
(1)	Photocell - Receiver	5 x 0.5 mm ² double insulated cable (max. 20 m)
(2)	Photocell - Transmitter	3 x 0.5 mm ² double insulated cable (max. 20 m)
(3)	Selector / Keypad	3 x 0.5 mm ² cable

4. Before starting ...


a) **IMPORTANT:** Select the length of the boom with the parameter $R 1$.

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

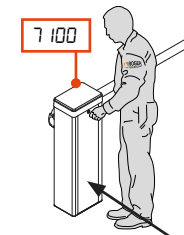
	AG/004 KB/004 BI/004HP	up to 3 m			BI	up to 3 m	
	AG/004 KB/004 BI/004HP	from 3 m to 4,5 m			BI/004	from 3 m to 4 m	
	AG/006 KB/006 BI/006	from 4,5 m to 6 m			BI/008	up to 8 m	

b) Select the position of the barrier in relation to the gate, using parameter $\gamma 1$.
The factory setting of the parameter is with the barrier installed on the right ($\gamma 101$) and the boom opening/closure gate on the left (seen from the inspection hatch side).

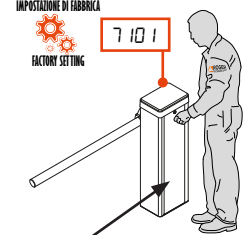
 If the installation position is changed from the right to the left, the position of the spring(s) must also be changed.

 **IMPORTANT!** Lubricate the pivot points with lithium based grease

BARRIER OPENS TO THE LEFT

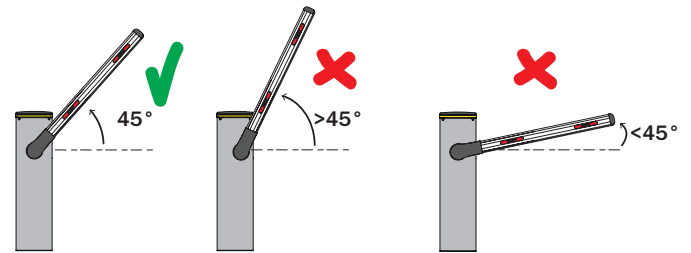


BARRIER OPENS TO THE RIGHT

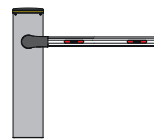


inspection hatch side

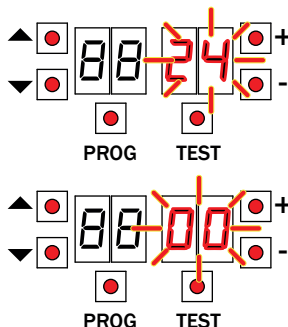
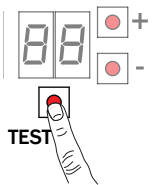
c) Check the spring balance setting and the mechanical stop setting.
See the installation manual for the barrier.



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



e) Press TEST



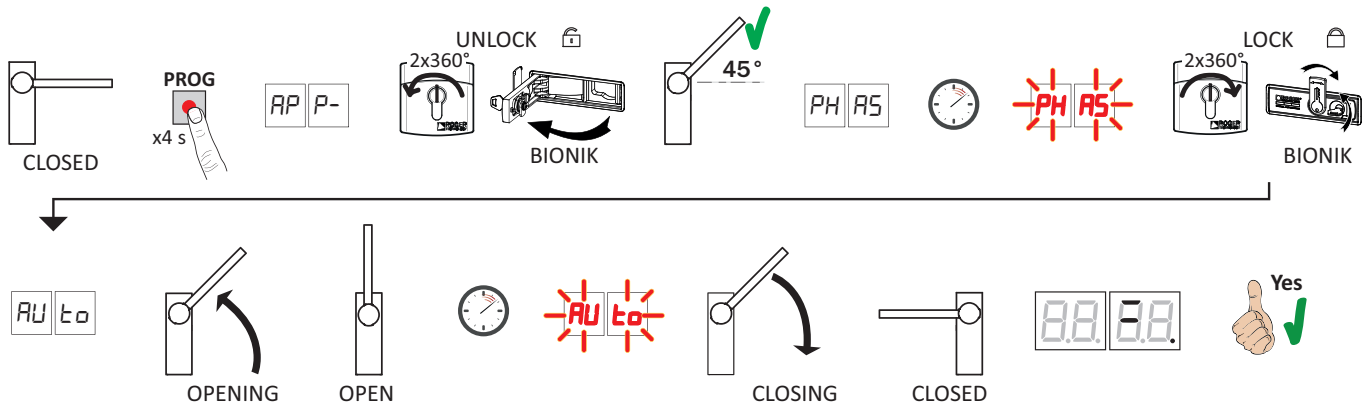
Possible alarms and safety device messages:

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.
r5 (rS)	STOP contact active for MASTER barrier (message shown on SLAVE controller displayed).
dRArA	Modify automation position selection with parameter $\gamma 1$ • Press and hold PROG until the message dRArA disappear and APP- appear on the display. Repeat acquisition procedure.

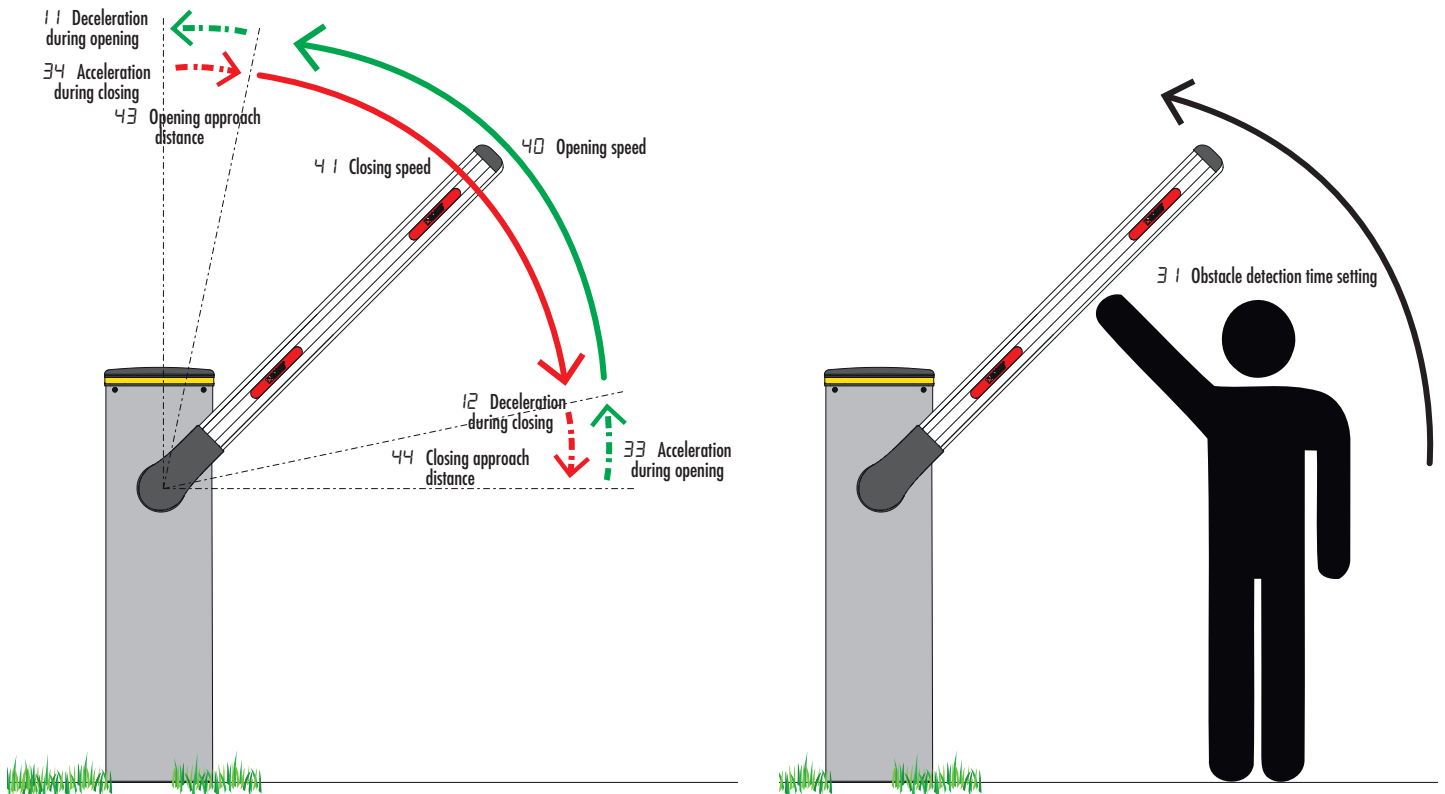
SEE ACQUISITION PROCEDURE

5. Acquisition procedure

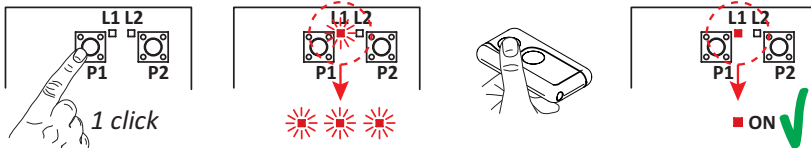
1. Press and hold PROG for 4 s.
2. APP- appears on the display.
3. Open the release cover.
4. The barrier opens 45° degree (when properly balanced).
5. PHAS appears.
6. Wait until the message PHAS flashes.
7. Close the release cover.
8. AUTO appears.
9. The barrier starts to open.
10. Once the barrier 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

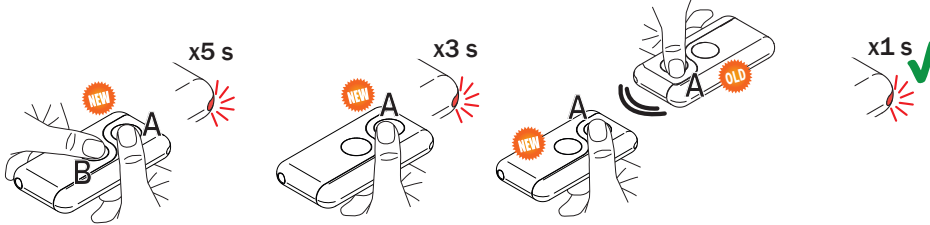


7. Programming a NEW transmitter



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.
- 8.

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.

