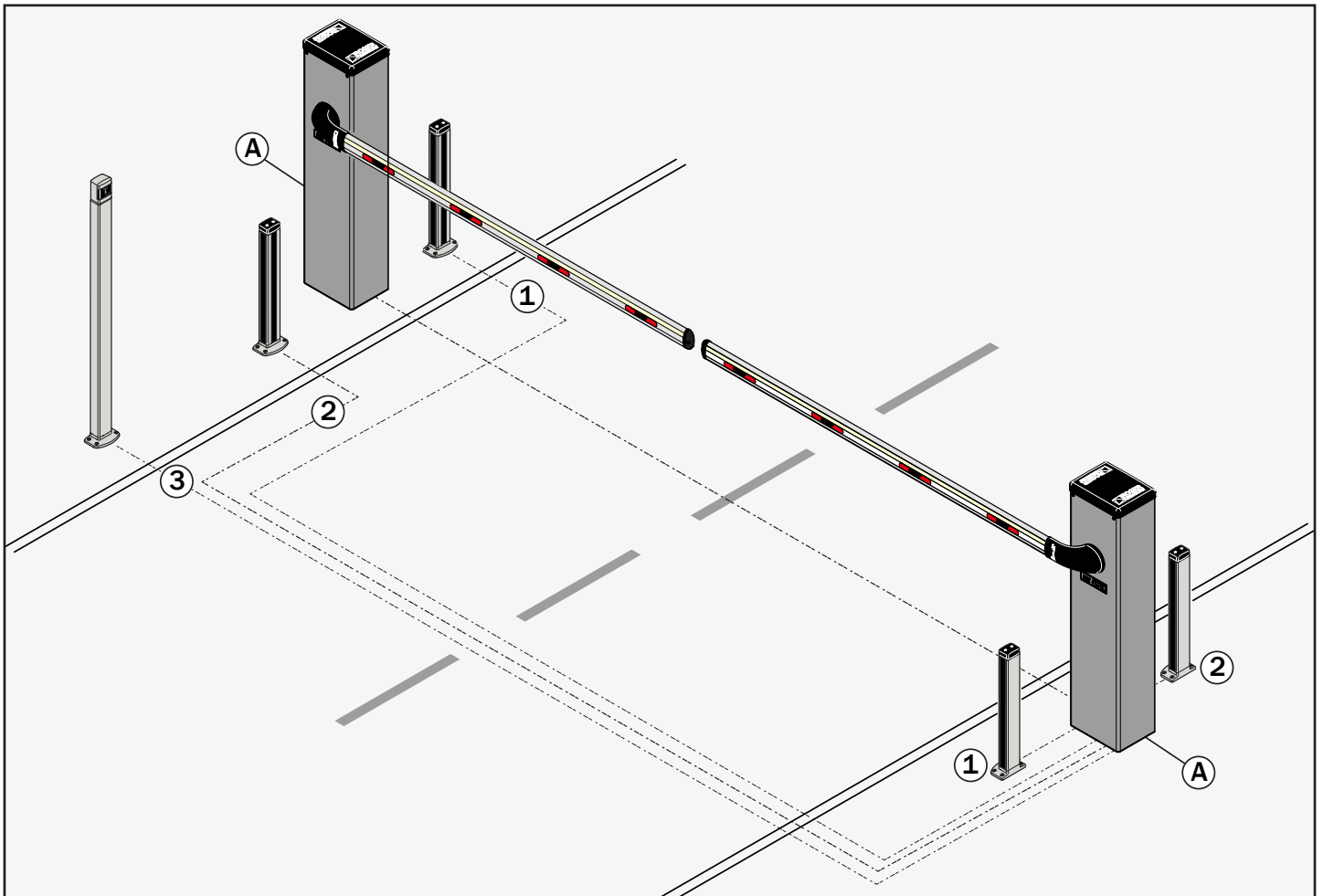




Rev01 17/08/2020

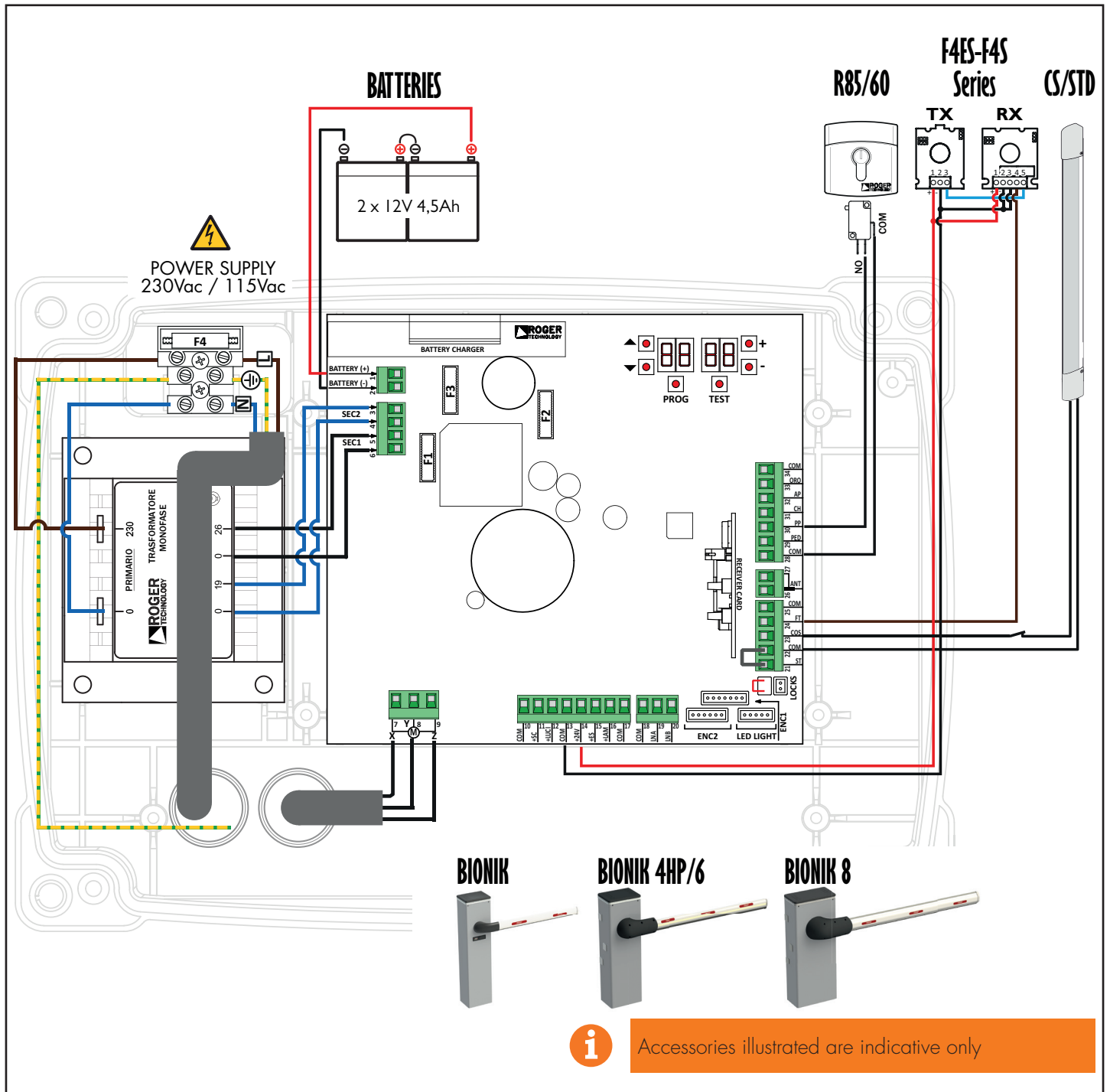
CTRL is the range of 36V DC digital controllers installed with the barrier applications.

1. Typical installation (purely for information)

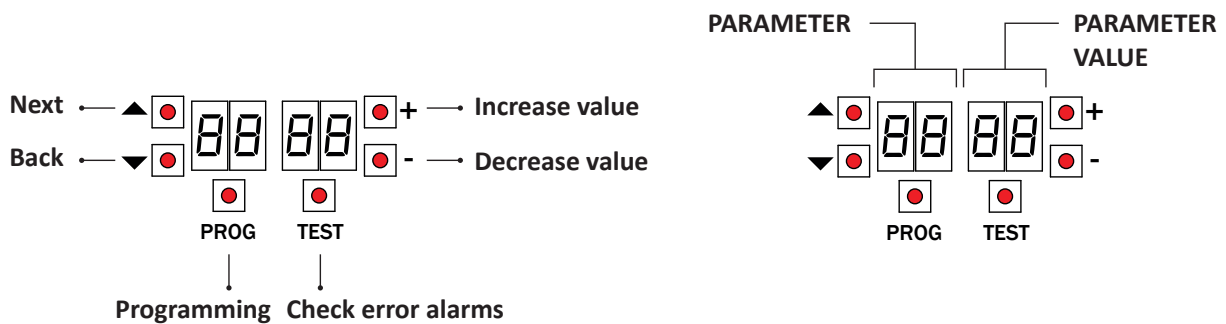


(A)	Power supply	H07RN-F 3x1,5 mm ² double insulated cable
(1)	Photocell - Receiver	5 x 0.5 mm ² double insulated cable (max. 20 m)
(2)	Photocell - Transmitter	3 x 0.5 mm ² double insulated cable (max. 20 m)
(3)	Selector / Keypad	3 x 0.5 mm ² cable

2. Electrical connections




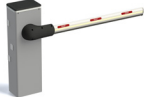








3. Display: functions and settings



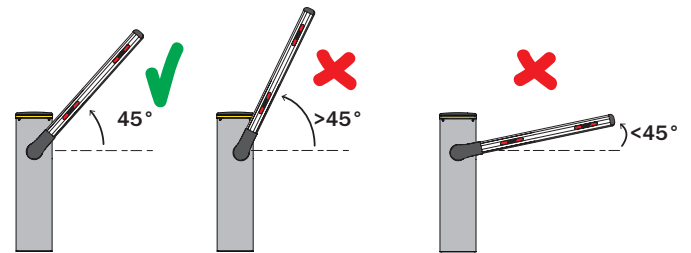
4. Before starting ...

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/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	

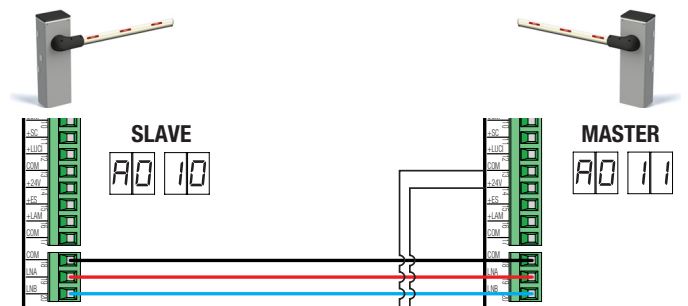
b) Check the spring balance setting and the mechanical stop setting.
See the installation manual for the barrier.



c) With both control units not powered (and with battery disconnected, if present), make the bus connections on the MASTER and SLAVE control units

d) Enable RS485 serial communication (MASTER): *AD 11*

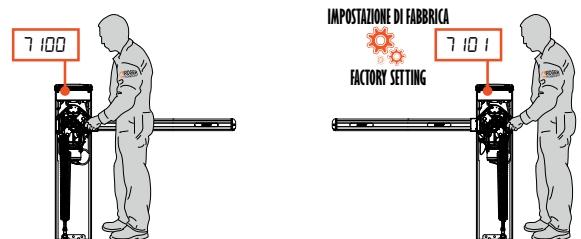
e) Enable RS485 serial communication (SLAVE): *AD 10*



f) Select the position of the barrier in relation to the gate, using parameter *7 1*.
The factory setting of the parameter is with the barrier installed on the right (*7 10 1*) and the boom opening/closure gate on the left (seen from the inspection hatch side).

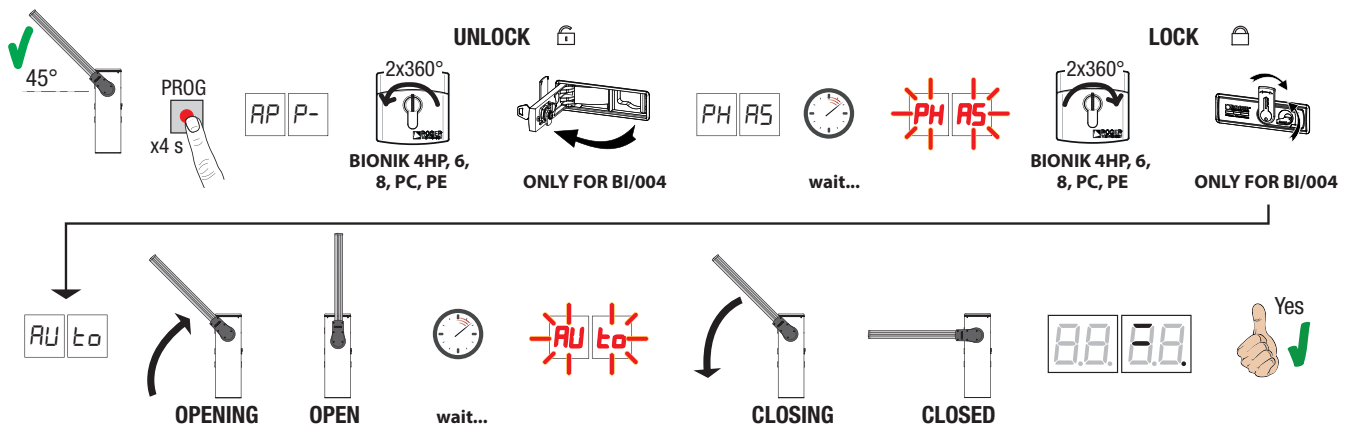
 If the installation position is changed from the right to the left, the position of the spring(s) must also be changed.

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



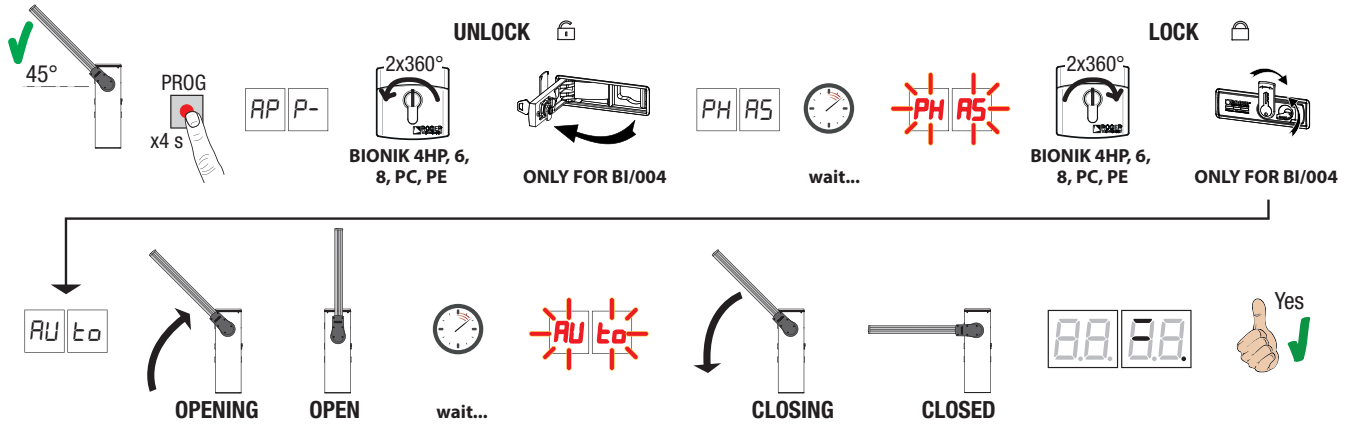
5. MASTER acquisition procedure

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. *RUED* appears.
9. The barrier starts to open.
10. Once the barrier is open, the message *RUED* 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.



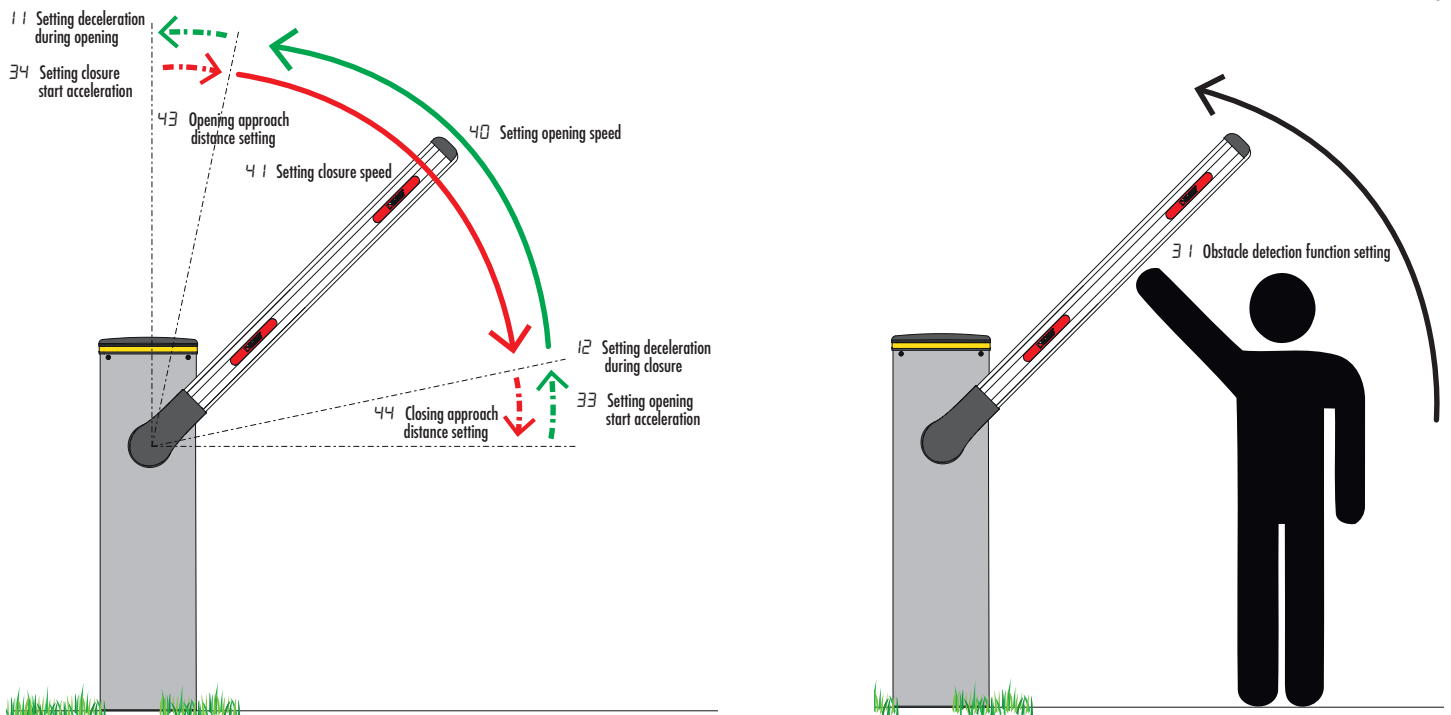
5. SLAVE acquisition procedure

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.

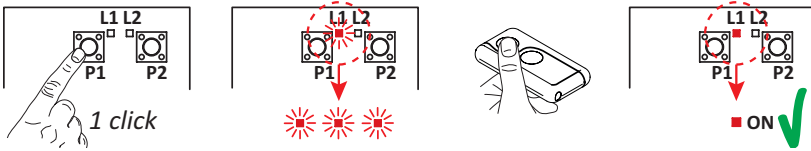


! The parameters concerning the functionality of the central unit are managed exclusively by the MASTER central unit which automatically passes them to the SLAVE central unit. Only parameters *AO*, *19*, *31* and *13* must be set on the SLAVE control unit.

6. Setting basic parameters

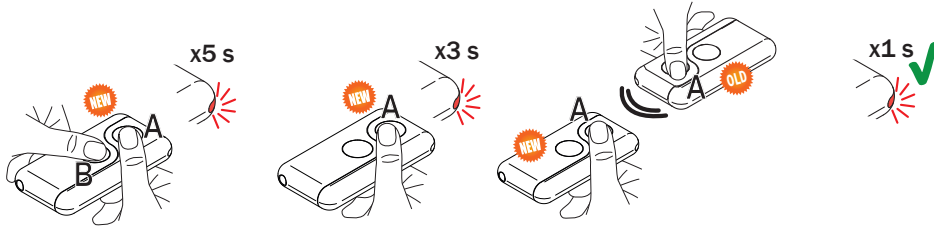


7. Programming a NEW transmitter



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

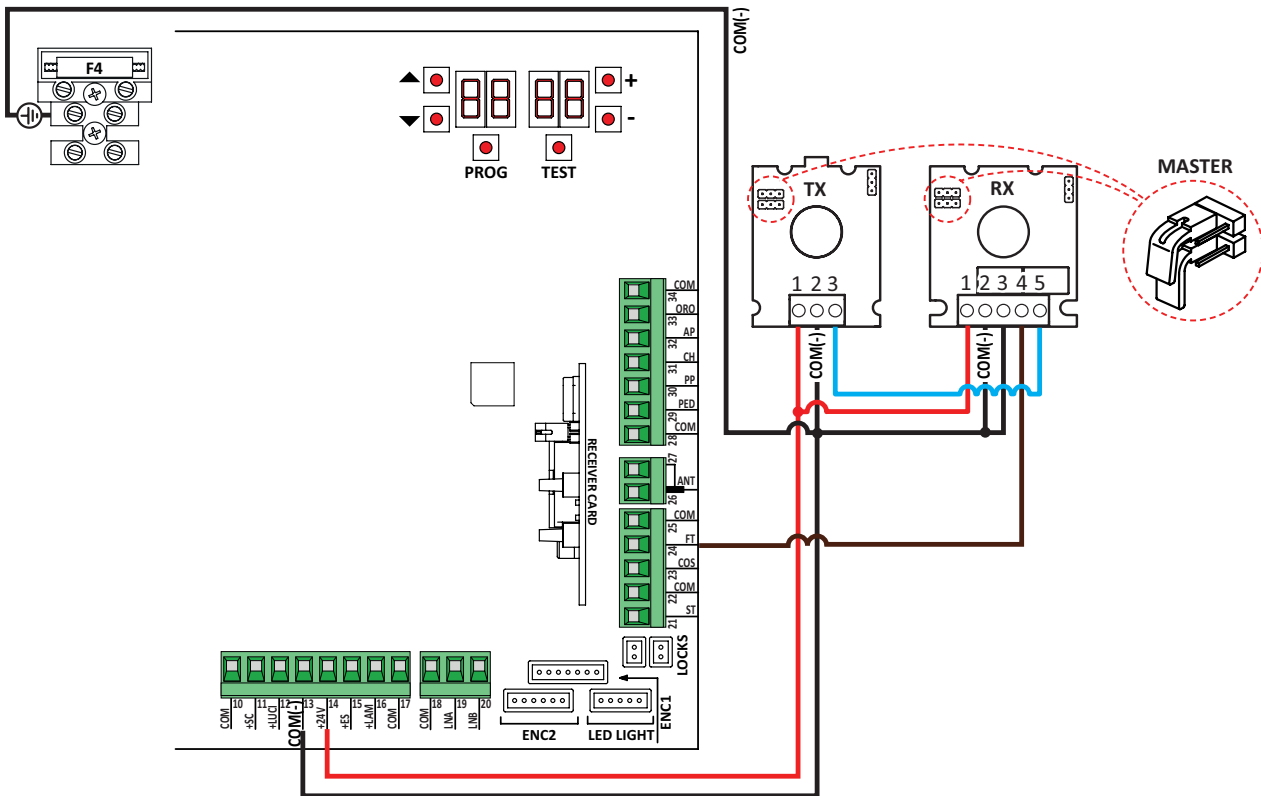


1. Press buttons A and B on the NEW transmitter simultaneously.
2. The LED flashes for 5 s.
3. Hold button (A) only on the NEW transmitter you want to store.
4. The LED flashes 3 s.
5. Hold the previously stored transmitter as close as possible to the NEW transmitter.
6. Press button (A) on the OLD transmitter.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

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.



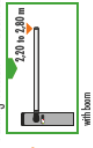
This document is a basic quick guide for the initial installation of a barrier.

For complete information concerning the control unit, the motor and the accessories mentioned in this quick guide, see the technical manuals available in the B2B area of the website www.rogertechnology.it

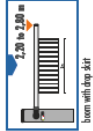


BIONIK BARRIER CONFIGURATION

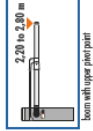
Parking version boom from 2,20 to 2,80 m



boom with drop skirt



boom with upper plate part



Boom up to 3 m



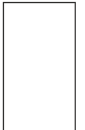
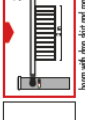
boom with magnet



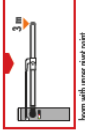
boom with drop skirt and height end ear



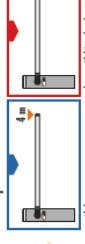
boom with drop skirt and magnet



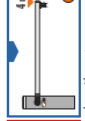
boom with upper plate part



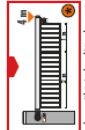
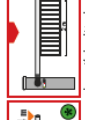
Boom up to 4 m



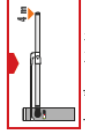
boom with magnet



boom with drop skirt and magnet



boom with upper plate part



Parking version boom up to 3 m



with beam

Parking version boom up to 3 m

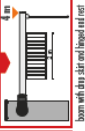
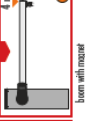


with beam

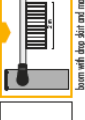
Boom up to 4 m



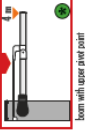
boom with magnet



boom with drop skirt and magnet



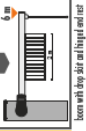
boom with upper plate part



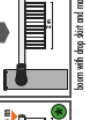
Boom up to 6 m



boom with magnet



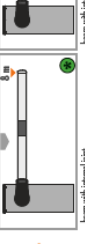
boom with drop skirt and magnet



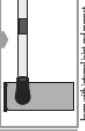
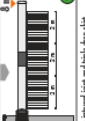
boom with upper plate part



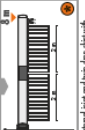
Boom up to 8 m



boom with magnet



boom with drop skirt and magnet



boom with upper plate part



THE ADJUSTABLE FIXED END REST WITH INTEGRATED MAGNET PINS (OS) IS MANDATORY

WITH COMPULSORY FIXED END REST

CONFIGURATION ONLY POSSIBLE IF THE DROP SKIRT IS INSTALLED AS CLOSE AS POSSIBLE TO THE CABINET

WWW.ROGERTECHNOLOGY.COM

