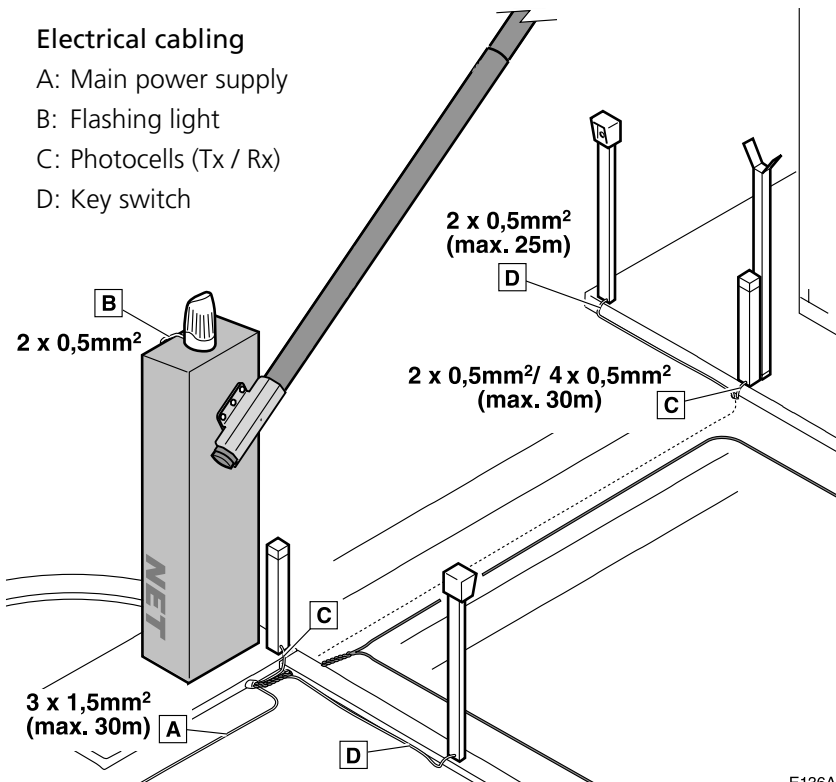| **IMPORTANT NOTE**	This quick guide is a summary of the complete installation manual. The manual contains safety warnings and other explanations which must be taken into account. The most recent versions of this guide and the installation manual are available at the "Downloads" section on Erreka's website. **http://www.erreka.com**
	The options and functions described in this guide apply for the firmware version indicated on the circuit. The firmware, as part of a process of continuous improvement, is subject to new functionalities or upgrades being included as a result of new versions which are not necessarily compatible with previous ones. For this reason, some options or functions may differ or be unavailable if your firmware is older than shown in this guide.

## Elements of the complete installation

Electrical cabling

A: Main power supply

B: Flashing light

C: Photocells (Tx / Rx)

D: Key switch

2 x 0,5mm² (max. 25m)

B

2 x 0,5mm²

2 x 0,5mm²/ 4 x 0,5mm² (max. 30m)

D

C

3 x 1,5mm² (max. 30m) **A**

D

C

E136A

Unlocking

⚠ **Unlocking should be carried out with caution. If the barrier is not balanced or the arm is not mounted, the internal spring may cause a violent movement.**

P
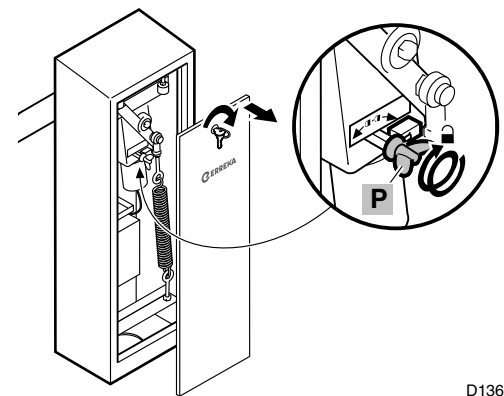
D136A

Unlocking (manual operation):
turn the wing knob (P) clockwise until it stops.

Lock (motorised operation):
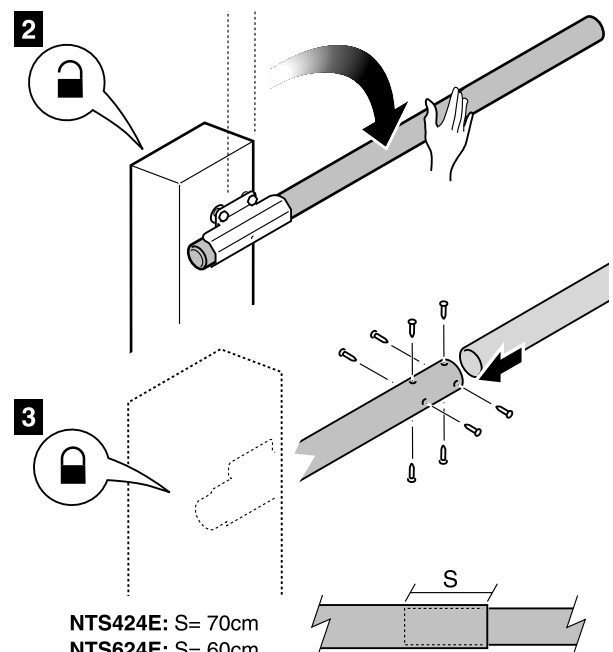turn the knob (P) anti-clockwise until it locks.

Arm assembly

☞ The barrier is supplied for assembly to the right. For assembly to the left, carry out the "Changing side" (see next page) before mounting the arm.

1 Lock the operator and mount the first section.

2 Unlock the operator and manually lower the arm.
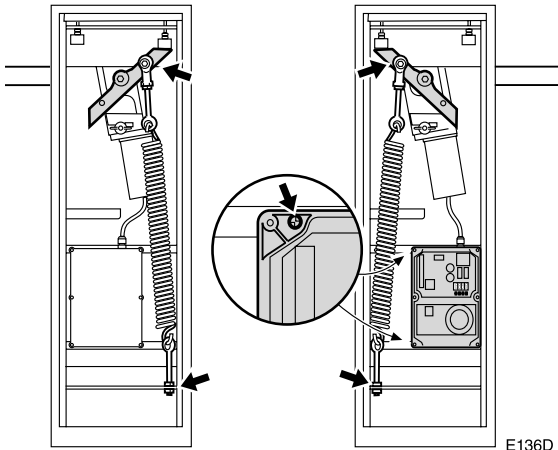
3 Lock the operator and mount the second section.

1

2

3
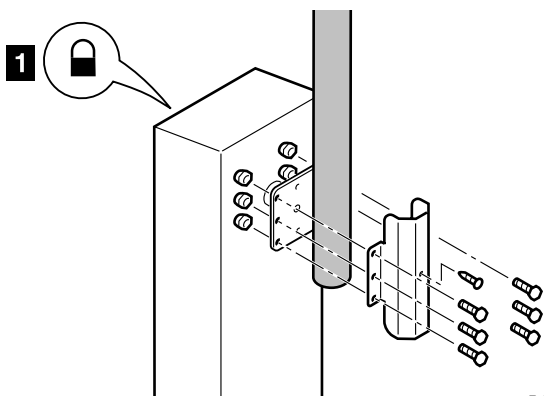
P136C1

NTS424E: S= 70cm
NTS624E: S= 60cm

S

P136C2

Changing side

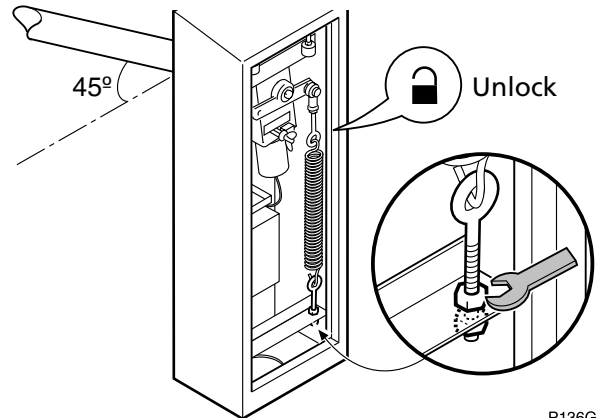| Right barrier	Left barrier

E136D

Balancing

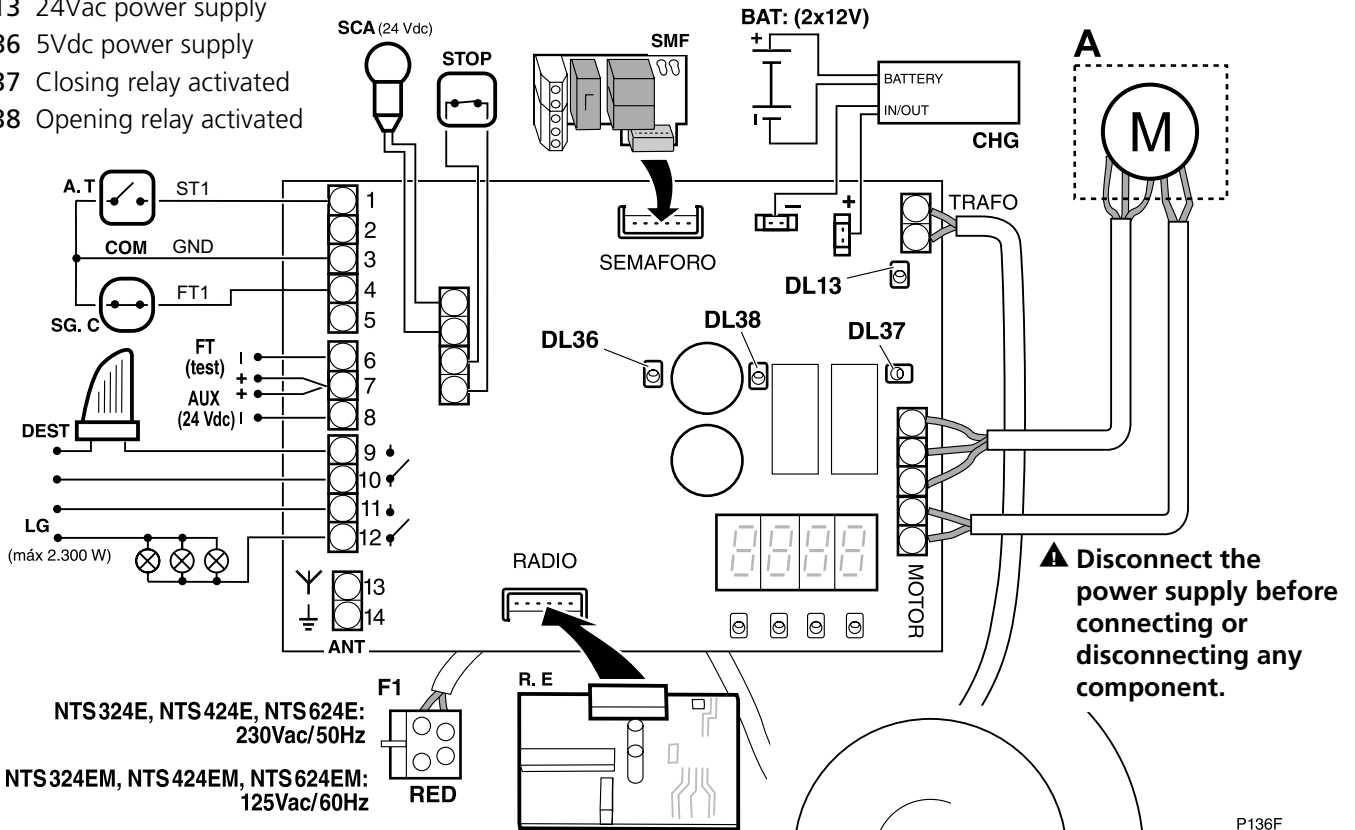☞**THE BARRIER MUST BE BALANCED FOR PROPER OPERATION.**

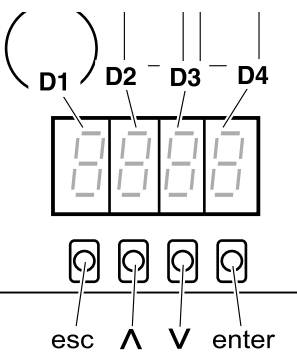• Unlock the operator and tighten the spring until the barrier is balanced at 45°.

45º   🔓 Unlock

P136G

General connections

DL13 24Vac power supply
DL36 5Vdc power supply
DL37 Closing relay activated
DL38 Opening relay activated

SCA (24 Vdc)   STOP   SMF   BAT: (2x12V)

BATTERY
IN/OUT   CHG

A

M

A.T   ST1
COM   GND
SG. C   FT1

FT (test)
AUX (24 Vdc)

DEST

LG
(máx 2.300 W)

SEMAFORO

DL13
DL36   DL38   DL37

TRAFO

MOTOR

⚠ **Disconnect the power supply before connecting or disconnecting any component.**

RADIO

ANT

F1   R. E

NTS 324E, NTS 424E, NTS 624E:
230Vac/50Hz

NTS 324EM, NTS 424EM, NTS 624EM:
125Vac/60Hz

RED

P136F

Display indications

D1   D2   D3   D4

esc ∧ ∨ enter

M136C

D1 and D2:

CL (static)	Barrier closed
CL (flashing)	Barrier closing
OP (static)	Barrier open
OP (flashing)	Barrier opening
XX (countdown)	Barrier on standby
STOP	Operator unlocked
PA (static)	Pause (operation not complete)
rS (static)	Barrier searching for close position

D3 and D4:

| CS	Closing safety device activated
E1	Encoder motor halted
F1	Thrust limit exceeded
bA	Battery working
Ftno	Photocells defective (testing)

Rotation direction change and check (C1)

☞ This operation is only necessary if the barrier opens instead of closing when making a reset (r5).

1	2	3	4	5
8888-	C101	C101	C101	C102

6	7	8	9	10
r	OP / CL	C102	C102	8888

P71X
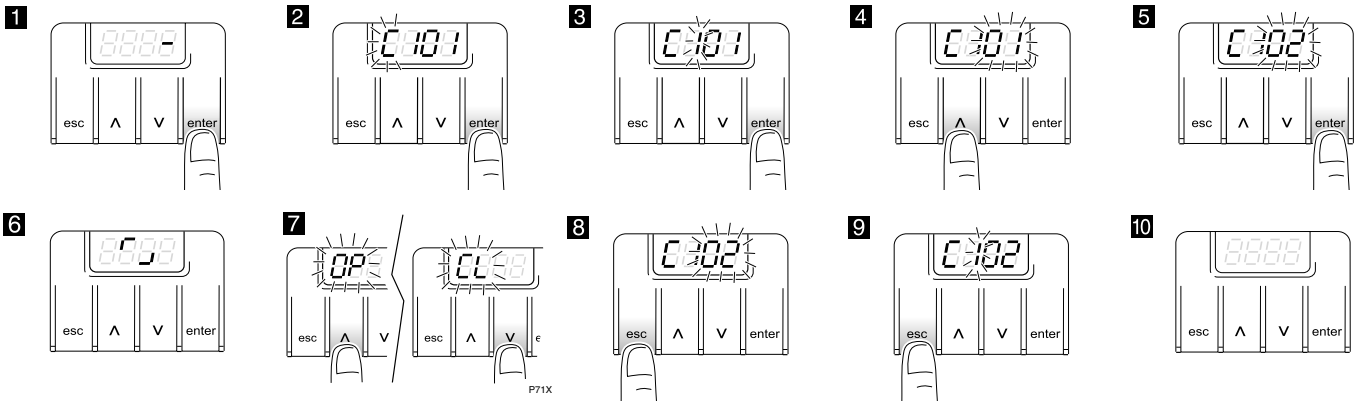
Radio code programming, P1 (only with RSD receiver)

☞ If a receiver other than RSD is used, see the corresponding instructions.

1	2	3
8888-	C101	P1on (x2)

4	5	6	7
P1on		P1on (x3)	8888
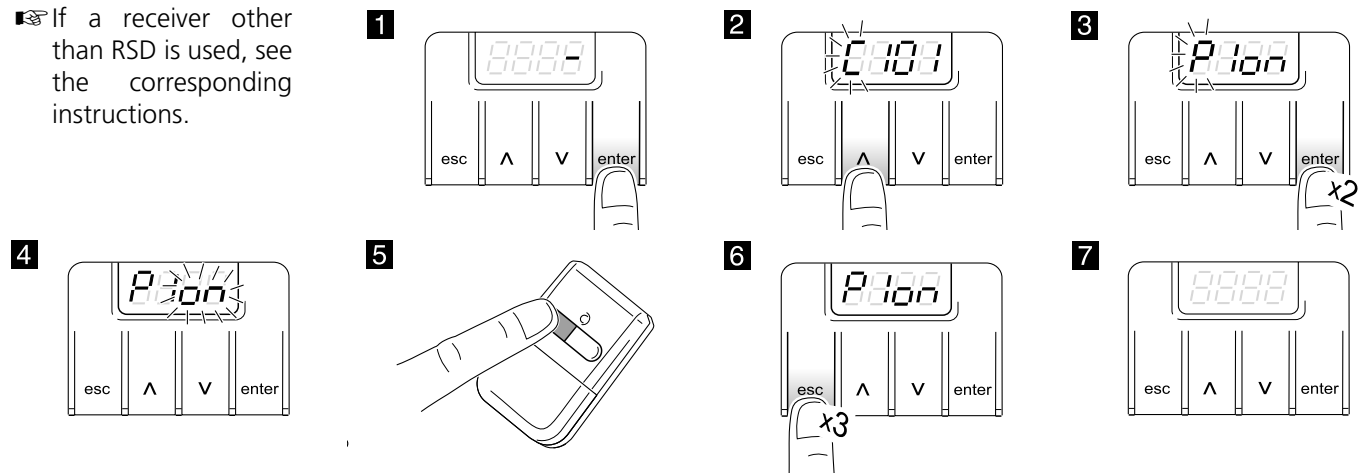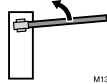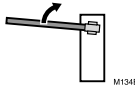
The travel of the barrier must be programmed for correct operation

Open/close programming (P3)

1	2	3	4
8888-	C101	P1on	P1on

5	6	7	8
P3on	P3on	P3on	

9	10	11
P3on	P3on (x3)	8888

❶ Wait whilst the barrier opens/closes
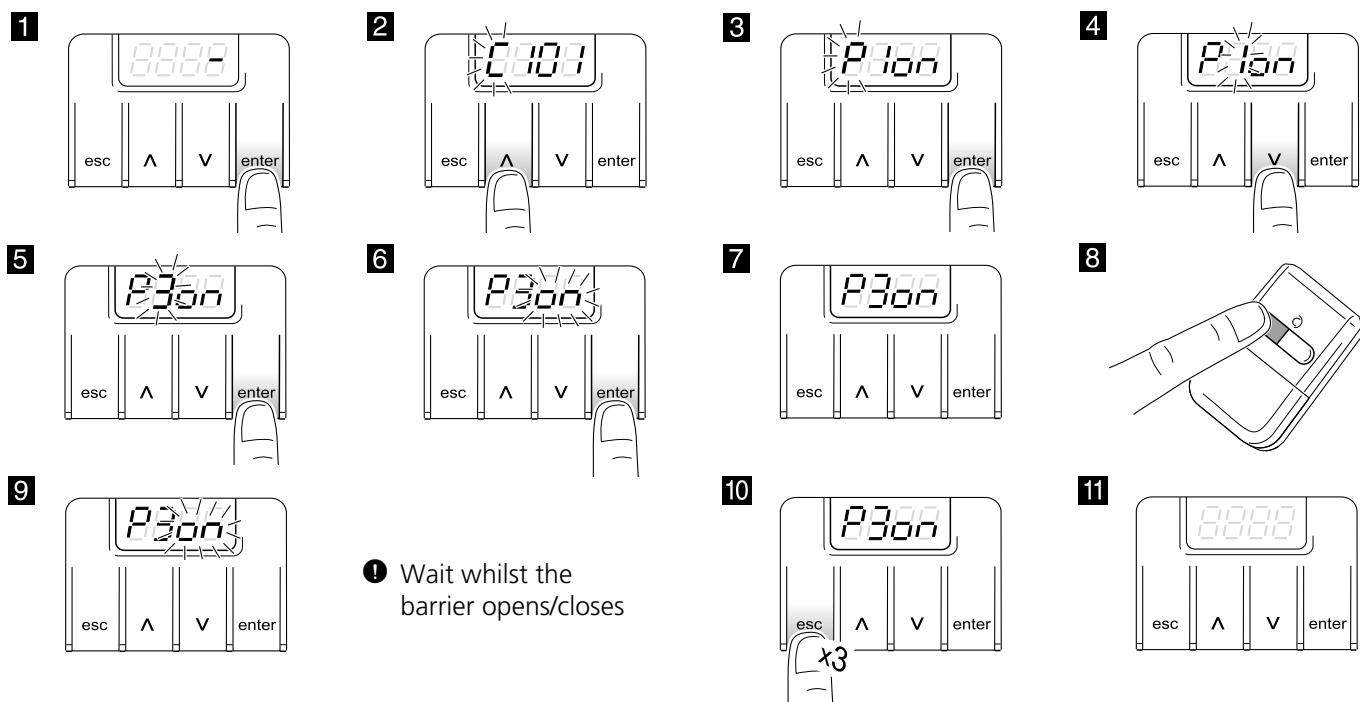
Complete programming chart

D1	D2	Parameter	D3	D4	Pre-determined option	Options or values
C	1	Motor turning direction	0	1	x	
			0	2		
	4					Disabled
	5	Closing safety device (photocell or strip)	0	0	x	Device not installed
			1	0		Device without testing
			1	1		Device with testing
P	1	Total opening radio code programming	o	n		
	2					Disabled
	3	Barrier open/close programming	o	n		
F	1	Functioning mode	0	1		Automatic
			0	2	x	Step-by-step
	2	Standby in automatic mode	0...5	0...9	15	59 = 59 sec.; 25 = 2 min. 50 sec., etc
	3					Disabled
A	0	Flashing light	0	1	x	No warning
			0	2		With warning
	1	Garage light time	0...5	0...9	03	59 = 59 sec.; 25 = 2 min. 50 sec., etc
	2	Barrier speed	0	1...5	03	01: minimum speed; 05: maximum speed
	3	Slow down speed	0	1...5	02	01: minimum speed; 05: maximum speed
	4	Slowdown distance	0	0...5	00	00: minimum distance; 05: maximum distance
	5					Disabled
	6	Maximum thrust	0...1	0...9	05	01: minimum thrust; 10: maximum thrust
	7	Closing **photocell** used during standby (in automatic mode only)	0	1		Immediate close
			0	2	x	Restart standby time
			0	3		Has no effect
	8	**Pushbutton** operation during standby (in automatic mode only)	0	1		Immediate close
			0	2	x	Restart standby time
			0	3		Has no effect
	9	Opening mode	0	1	x	Opening in accordance with the mode selected in the main functions (F)
			0	2		**Collective opening** (the control board does not obey the commands during opening)
			0	3		**Step-by-step opening** (the barrier halts if a key command is activated during opening. The barrier closes if activated again)
n	1	Operations carried out	X	X		Indicates the cycles completed, multiplying the indicated figure by an amount, for example: 68 indicates 6,800 cycles completed 68 indicates 68,000 cycles completed