

HECTOR MOTOR



AUTOMATION 5050 **EASY TECH** **app**



PERGOLA

USER MANUAL



THE POWER TO MOVE

Every Gate



Warning for the installer

1. **ATTENTION!** To ensure the safety of people, it is important that you read all the following instructions. Incorrect installation or incorrect use of the product could cause serious harm to people
2. Carefully read the instructions before beginning to install the product
3. This product was designed and built strictly for the use indicated in this documentation. Any other use, not expressly indicated here, could compromise the good condition/operation of the product and/or be a source of danger
4. Store these instructions for future reference
5. Before attempting any job on the system, cut out electrical power
6. Make sure that a differential switch with threshold of 0.03 A is fitted upstream of the system
7. Do not in any way modify the components of the automated system
8. Do not allow children or adults to stay near the product while it is operating
9. Keep remote controls or other pulse generators away from children, to prevent the automated system from being activated involuntarily
10. The user must not attempt any kind of repair or direct action whatever and contact qualified personnel only
11. Profeltnet as a manufacturer reserves the right to make changes to the product without notice
12. Anything not expressly specified in these instructions is not permitted

HECTOR MOTOR

Hector Motor is the perfect choice to motorize your pergola. Quick, noiseless, reliable.

The models of series **HECTOR** are:

- HECTOR 650** motor for pergola up to 650N
HECTOR 1000 motor for pergola up to 1000N

CE Declaration of Conformity

The manufacturer **L. PSARROS & SIA OE** declares that the products **HECTOR 650 / HECTOR 1000 Pergola Automation** is according to European Directives requirements of **MACHINERY DIRECTIVE (MD) 2006/42/EC** and **ELECTROMAGNETIC COMPATIBILITY EMC 2004/108/EC** satisfies all the applicable standards to the product within these directives as follows:

EN 60335-1 : 2012 + A1: 2019+ A11: 2014 + A13:2017 + A14: 2019 + A2: 2019 EN 60335-2 -97: 2006+ A11:2008 +A12: 2015+A2:2010

EN 62233 : 2008 EN 62479 : 2010 EN 12453 EN 12445

Profelmnet
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ΤΗΛ.: 210 9850244 - FAX: 210 9823264

Labros Psarros
Electronics Engineer
Technical Director

NEW SERIES 50

Series 50 is a complete series of PROFELMNET control boards, with integrated Bluetooth technology. Compatible with Profelmnet Easy Tech application that is available in IOS and Android. The installer is able to access and adjust all the functions of the control board through the smartphone, tablet or laptop.

The models of series **50** are:

- 5033** control board for sliding and swing gate, roller shutter, barrier 230VAC
5050 control board for sliding and swing gate, barrier, pergolas 24VDC
5114 control board for double motors 230VAC
5150 control board for double motors 24VDC

CE Declaration of Conformity

The manufacturer **L. PSARROS & SIA OE** declares that the products **5050, 5033, 5114, 5150** are according to European Directives requirements of **RADIO EQUIPMENT DIRECTIVE (RED) 2014/53/EU** and **ELECTROMAGNETIC COMPATIBILITY EMC 2004/108/EC**

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HECTOR 650 HECTOR 1000

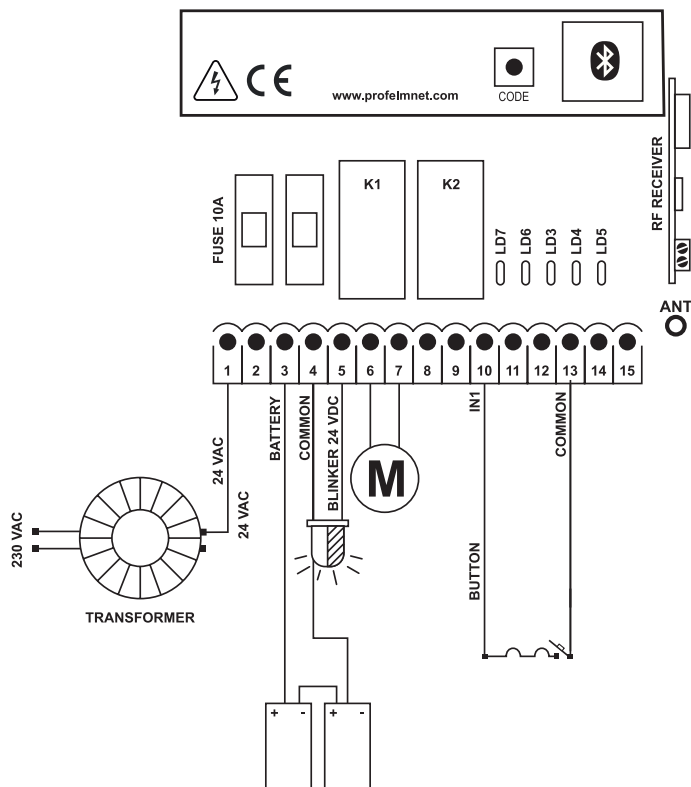


TECHNICAL SPECIFICATIONS:

	HECTOR - 650	HECTOR - 1000
VOLTAGE:	24 VDC	24 VDC
SPEED:	10mm/sec	8mm/sec
STROKE:	180mm Max.	180mm Max.
CURRENT:	1,2A	1,3A
FORCE:	650N	1000N
PROTECTION:	IP65	IP65



5050 Wiring diagram for pergola 24VDC



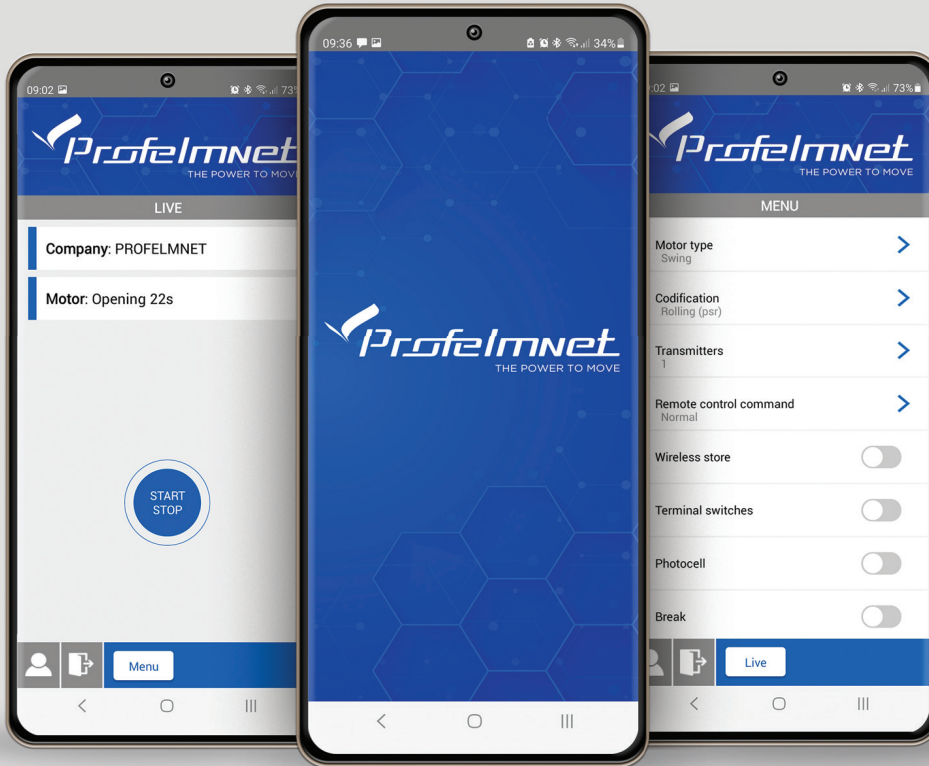
TECHNICAL SPECIFICATIONS

Power supply	24VAC
Max. Motor power	200W
Box dimensions	9.5cm X 4.5cm X 13cm
Control board dimensions	7.5cm X 3cm X 10.5cm
Fuse 24VAC	10A
Battery fuse	10A
Blinker power supply	24VDC /500mA
Photocell power supply	24VAC
Battery type	2 X 12V /6Ah in
Type of transformer	Toroidal 20-24VAC /1 30VA
Remotes memory	Removable memory up to 300 remotes
Temperature	-20 °C + 60 °C

ELECTRICAL CONNECTIONS

1	+ 20VAC
2	-20VAC
3-4	Battery
4	Common Battery & Blinker Light
5-4	Blinker light
6	Motor close
7	Motor open
8	Not used
9	Not used
10+13	Button - N.O
11+13	Safety edge - N.C
12+13	Photocell - N.C
13	Common accessories & terminal switches
14 +13	Close terminal switches - N.C
15 +13	Open terminal switches - N.C

ACTIVATE INTERNET AND BLUETOOTH  OF YOUR DEVICE
DOWNLOAD THE PROFELMNET EASY TECH APPLICATION



ProfelmNet
Easy Tech



REGISTER

FOLLOW THE STEPS TO REGISTER

- 1 Choose the language
- 2 Press Register & fill in your personal data
- 3 Scan QR code. Find the QR code on the board & scan it
- 4 Press sign up to finish

08:59

Profelmnet
THE POWER TO MOVE

Version 5.0.30

ENG

Email

Password

[Forgot your password?](#) ☒ Remember Me

Log In Register

09:00

Profelmnet
THE POWER TO MOVE

Version 5.0.30

ENG

Name Enter Name

Email Enter Email

New Password Type Password

Conf. Password Confirm Password

Scan QR Code

Back Sign Up

08:59

Profelmnet
THE POWER TO MOVE

Version 5.0.30

ENG

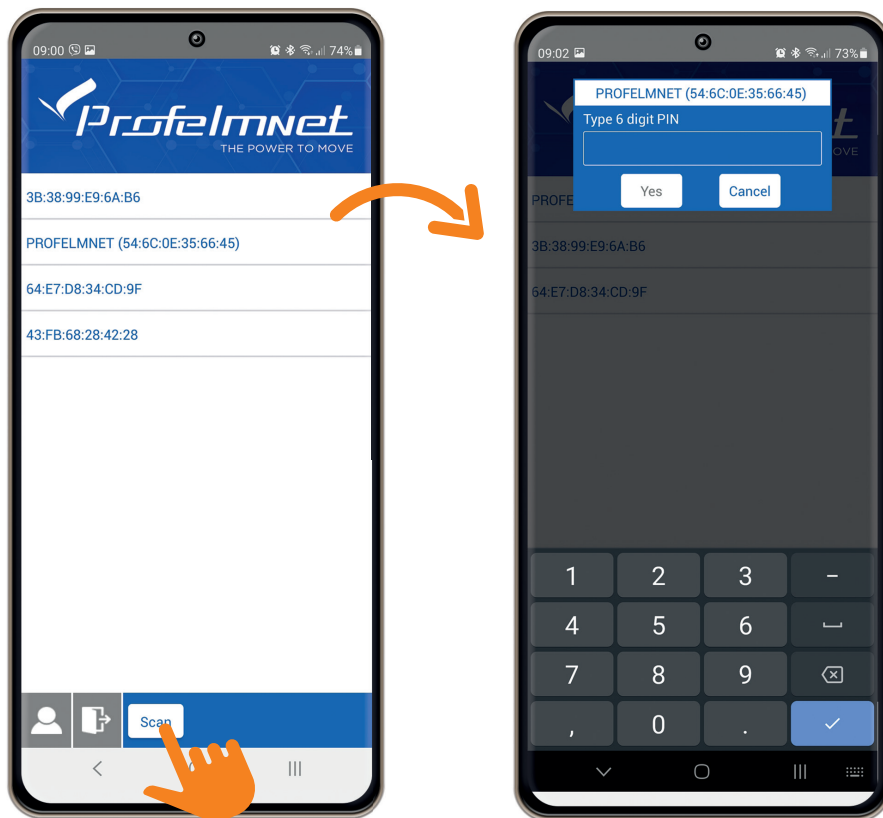
Email
info@profelmnet.com

Password

[Forgot your password?](#) ☒ Remember Me

Log In Register

CONNECTION with the board

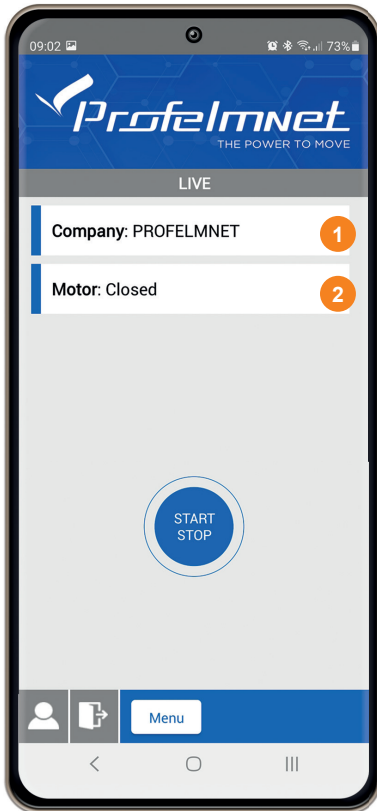


- 1 Press scan to find the **PROFELMNET** device
- 2 Choose the PROFELMNET device
- 3 Type the **6 Digit PIN**

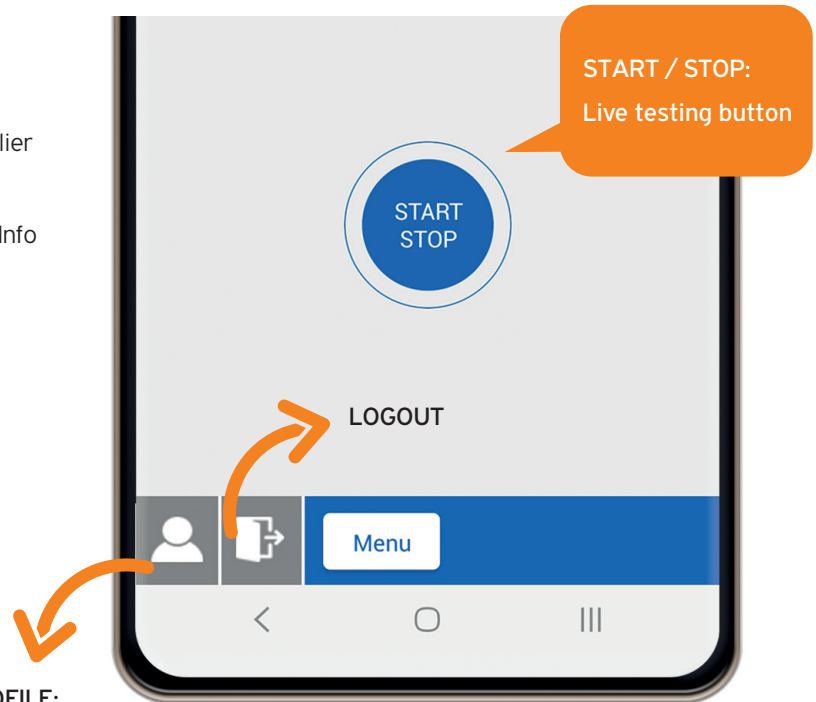
During the first connection, type 000000 PIN and then type your personal 6-digit PIN.

i The PIN code is your personal security number. Without this PIN code, you can not access the board. Avoid using simple easy PIN codes (i.e 111111)

LIVE SCREEN

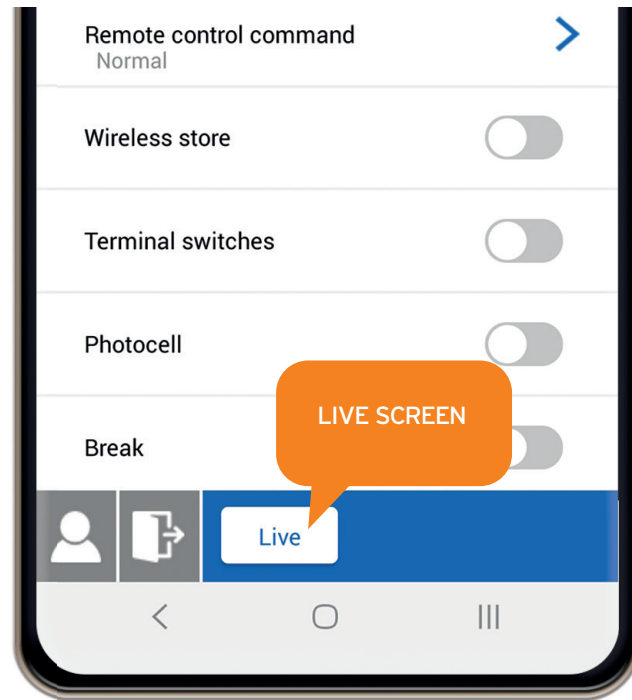
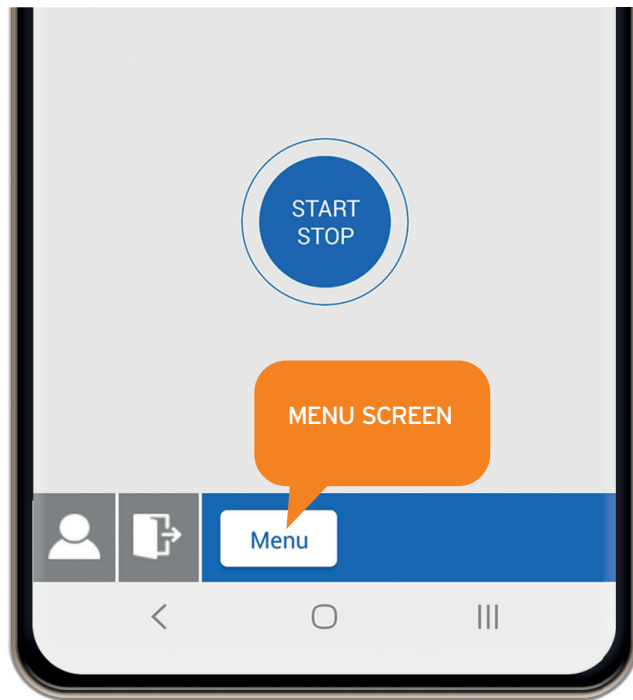


- 1 Company:
Board Supplier
- 2 Motor:
Installation Info

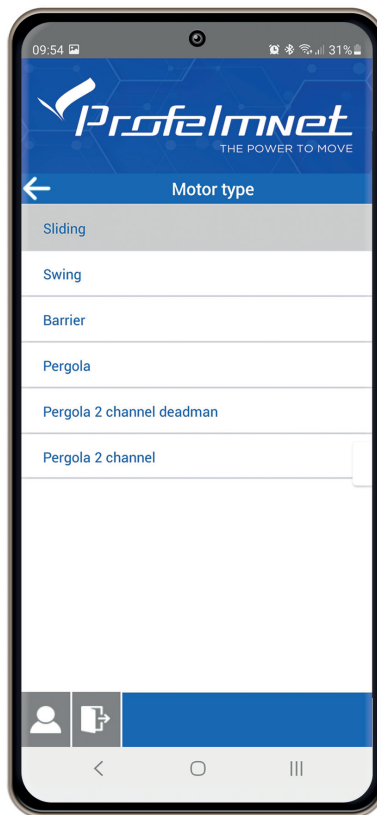
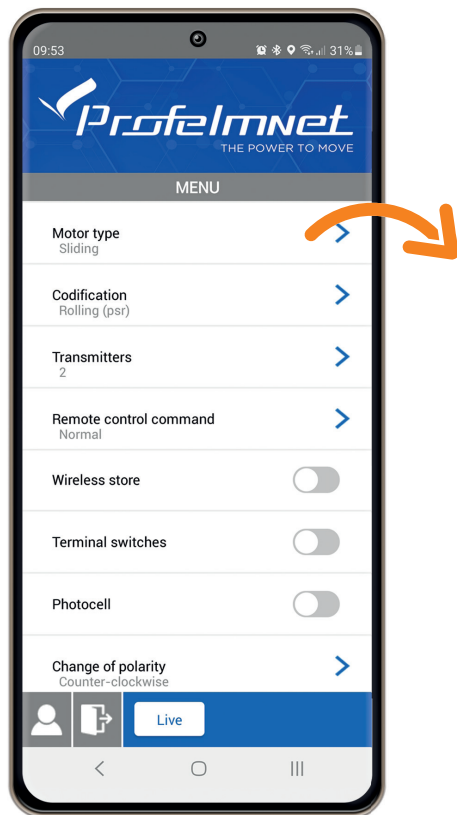


USER PROFILE:
Edit your personal data

SWITCH LIVE SCREEN TO MENU SCREEN

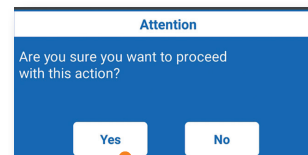


MENU: Motor Type

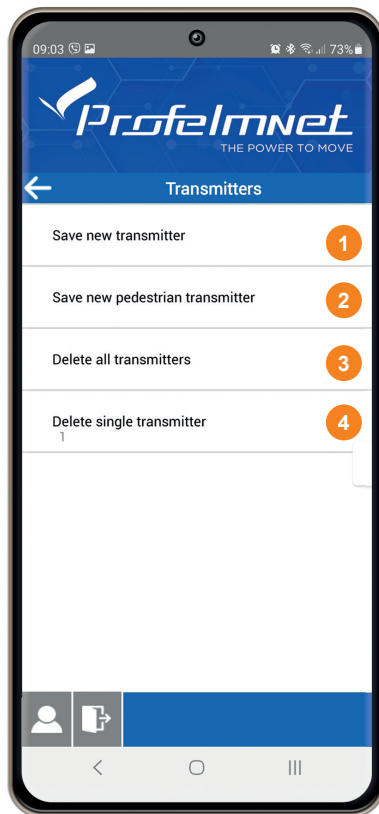
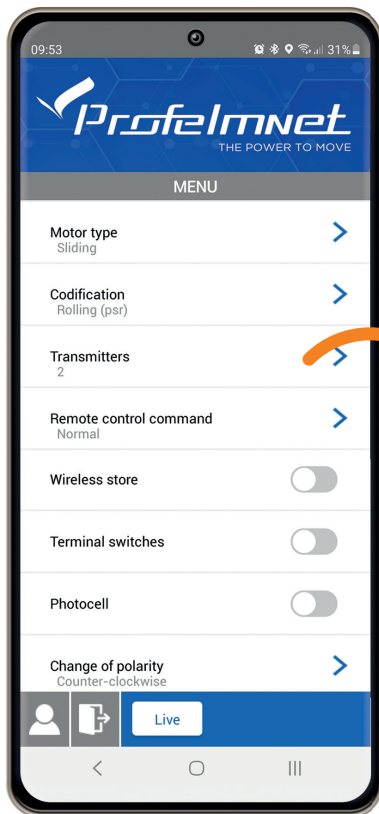


Select based on the installation

SELECTION CONFIRMATION



MENU: Transmitters



FOR PERGOLA

- 1 Save new transmitter:**
Press the transmitter button you want to save
- 2 Save new pedestrian transmitter:**
Press the transmitter button you want to save as pedestrian
- 3 Delete all transmitters:**
YES/NO
- 4 Delete single transmitter:**
Choose the number of transmitter to DELETE.

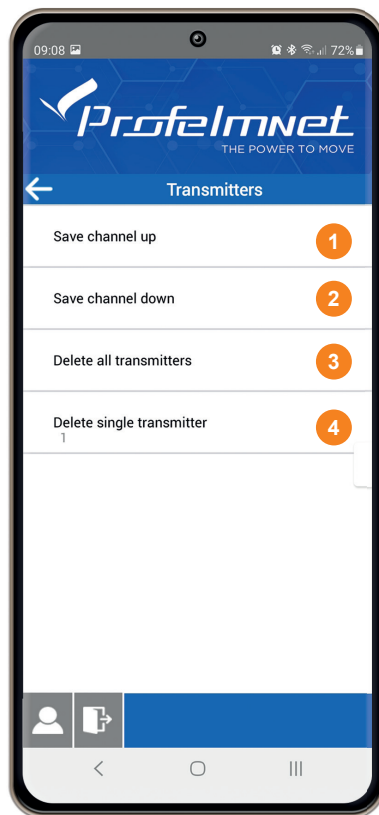
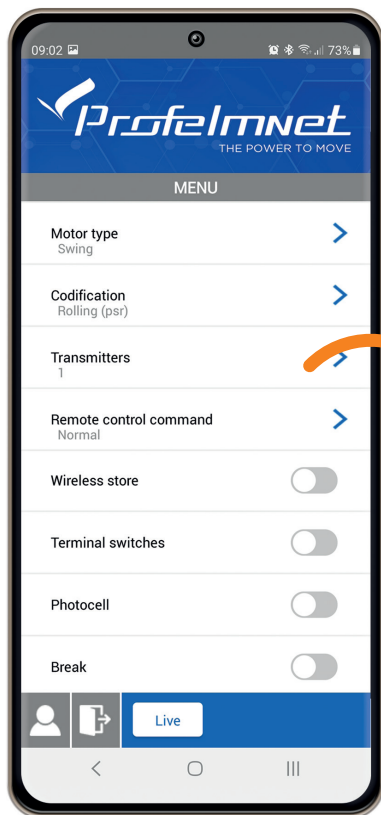


USER NUMBER:

The number displayed on the main screen of the application, LIVE screen, every time each remote control is activated.

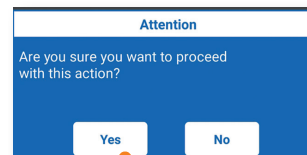
MENU: Transmitters

PERGOLA 2 CHANNELS DEADMAN PERGOLA 2 CHANNELS

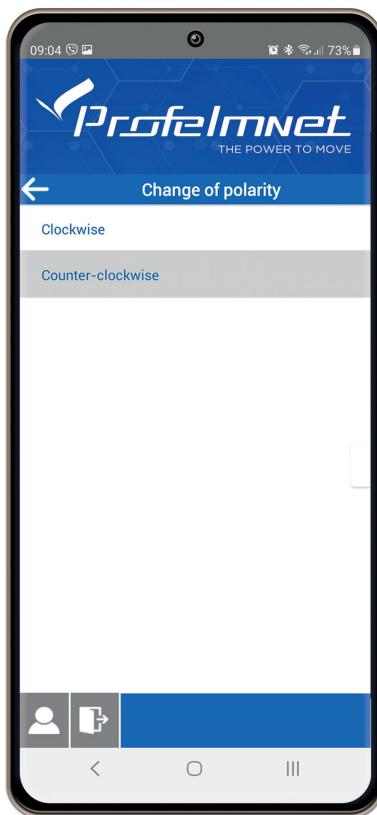
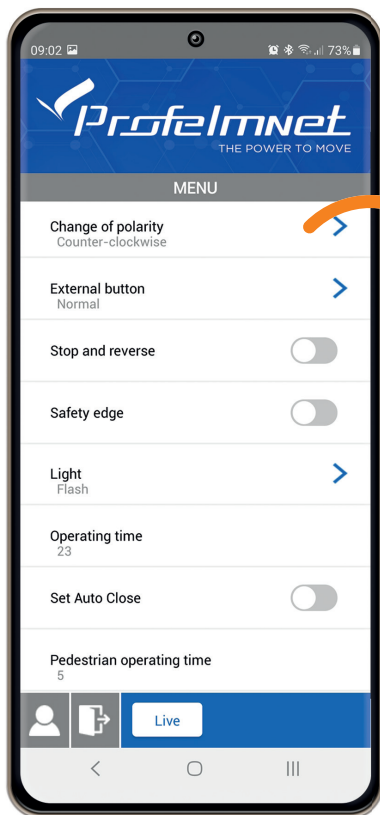


- 1 Save channels up:**
Press the transmitter button you want to save for UP direction
- 2 Save channel down:**
Press the transmitter button you want to save for DOWN direction
- 3 Delete all transmitters: YES/NO**
- 4 Delete single transmitter:**
Choose the number of transmitter to DELETE.

SELECTION CONFIRMATION

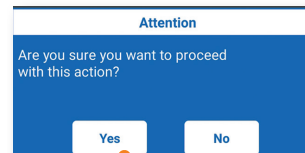


MENU: Change of polarity

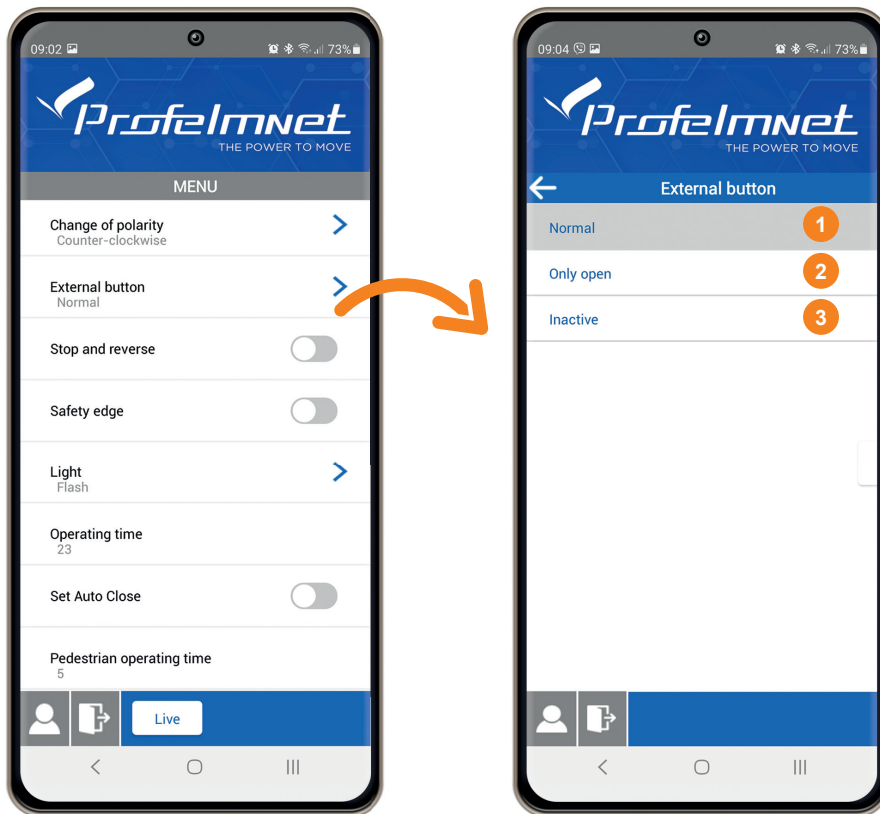


Change the motor and terminal switches polarity based on the installation

SELECTION CONFIRMATION



MENU: External Button

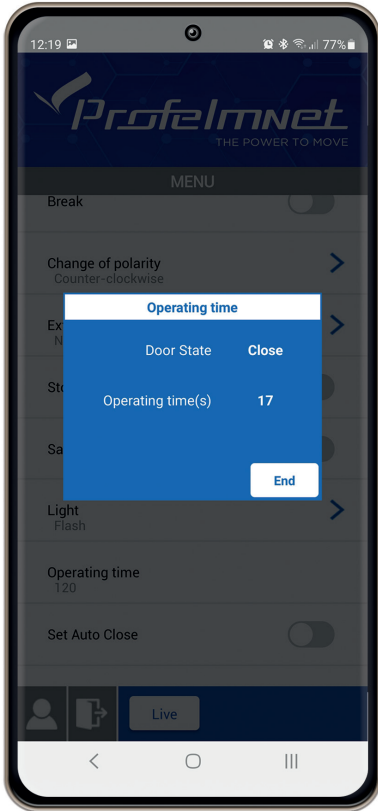
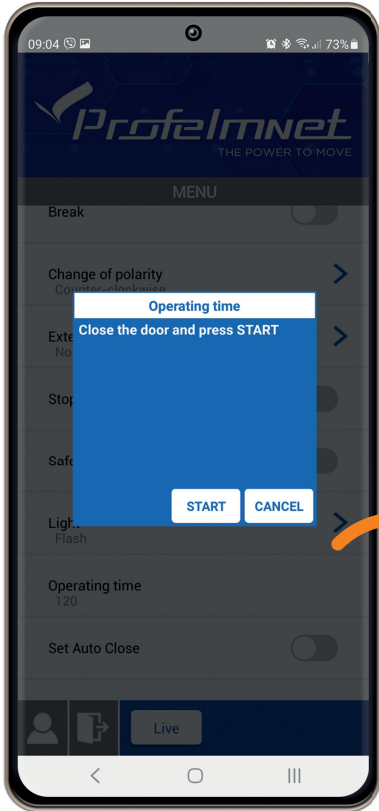
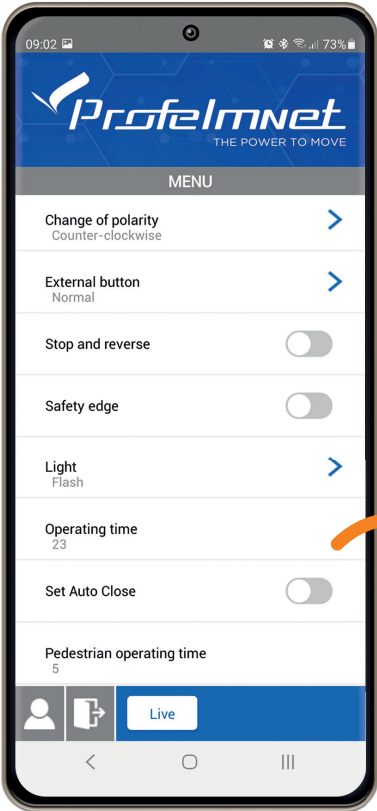


External Button: Select based on the installation

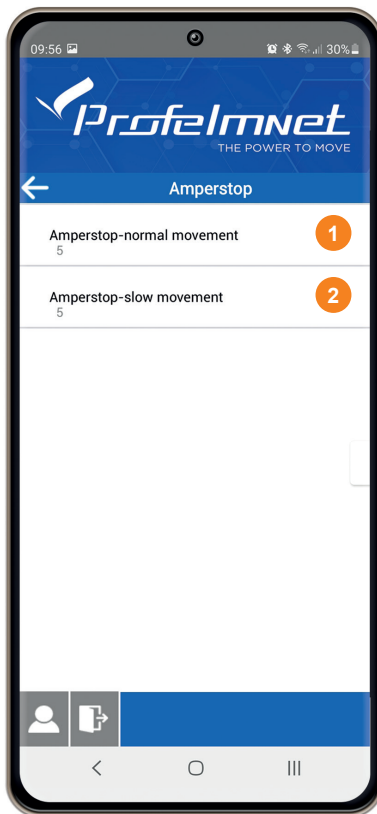
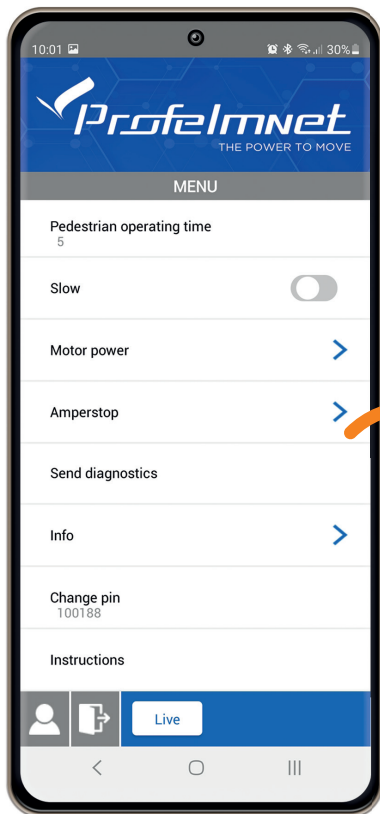
- 1 NORMAL
- 2 ONLY OPEN
- 3 INACTIVE

MENU: Operating Time

Follow the application steps



MENU: Motor Power



- 1 Motor power - normal movement
Enter value
- 2 Motor power - slow movement
Enter value

ENTER VALUE

Amperstop-normal movement

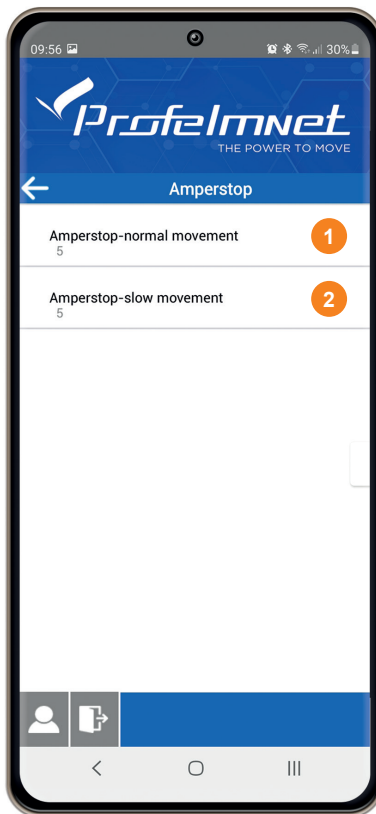
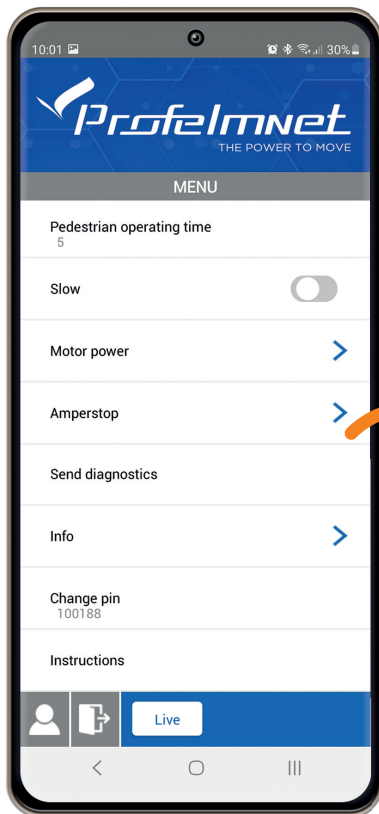
Enter sensitivity (1-10)

5

OK Cancel



MENU: Amperstop



- 1 Amperstop in normal movement
- 2 Amperstop in slow movement

ENTER VALUE

Amperstop-normal movement

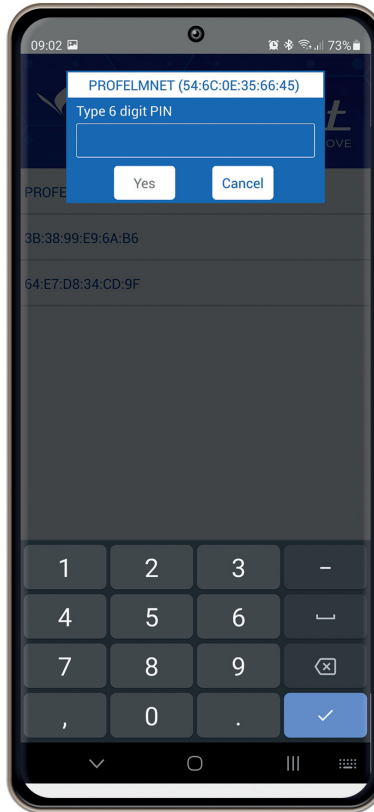
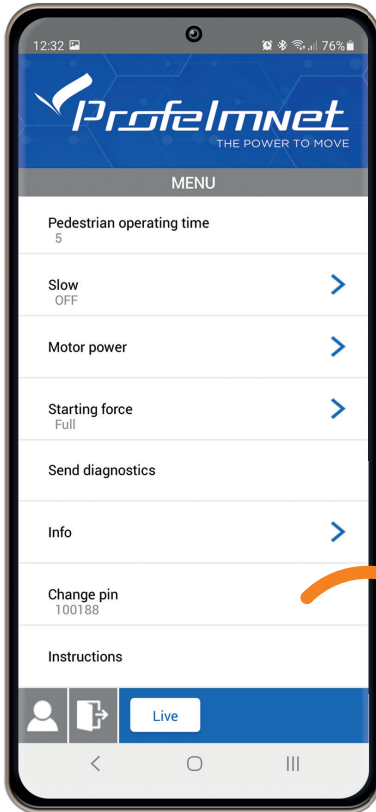
Enter sensitivity (1-10)

5

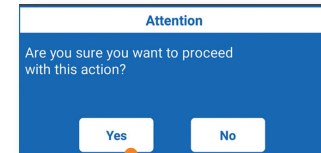
OK Cancel

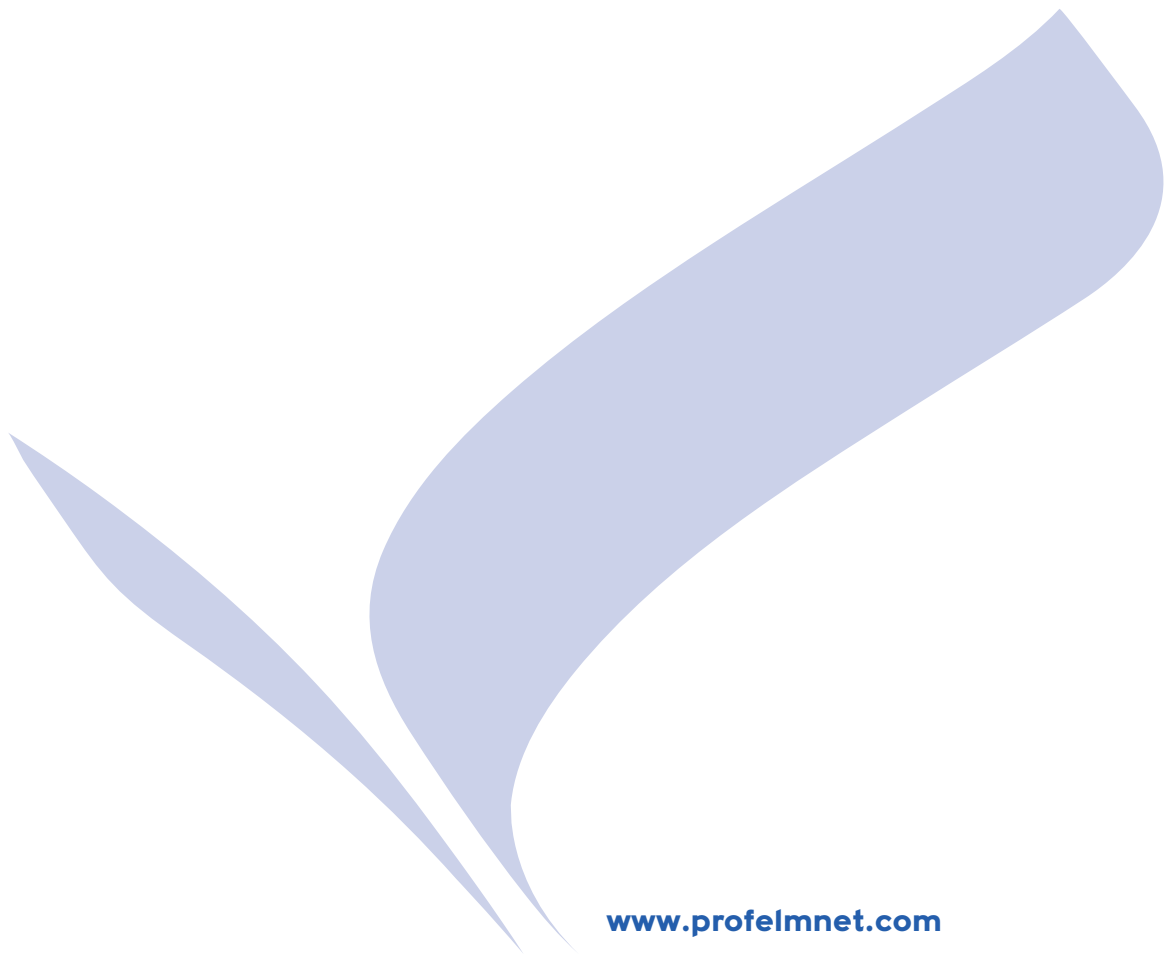


MENU: Change PIN



SELECTION CONFIRMATION





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