

EASY TECH  **app**

5033
USER MANUAL



THE POWER TO MOVE

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**



Labros Psarros

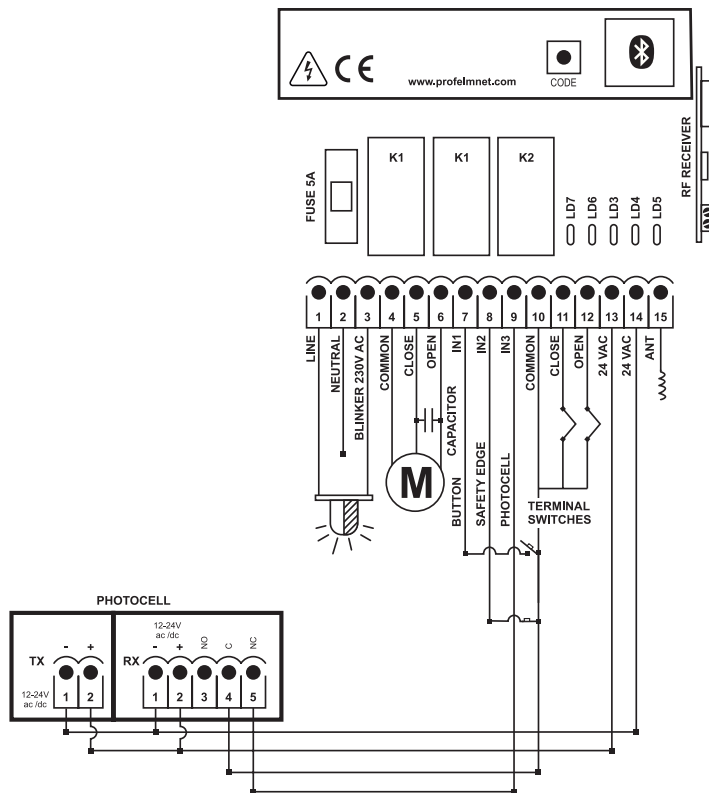
Electronics Engineer
Technical Director

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. Profelmnet 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

5033

Wiring diagram for automation of sliding and swing gate, roller shutter, barrier 230VAC



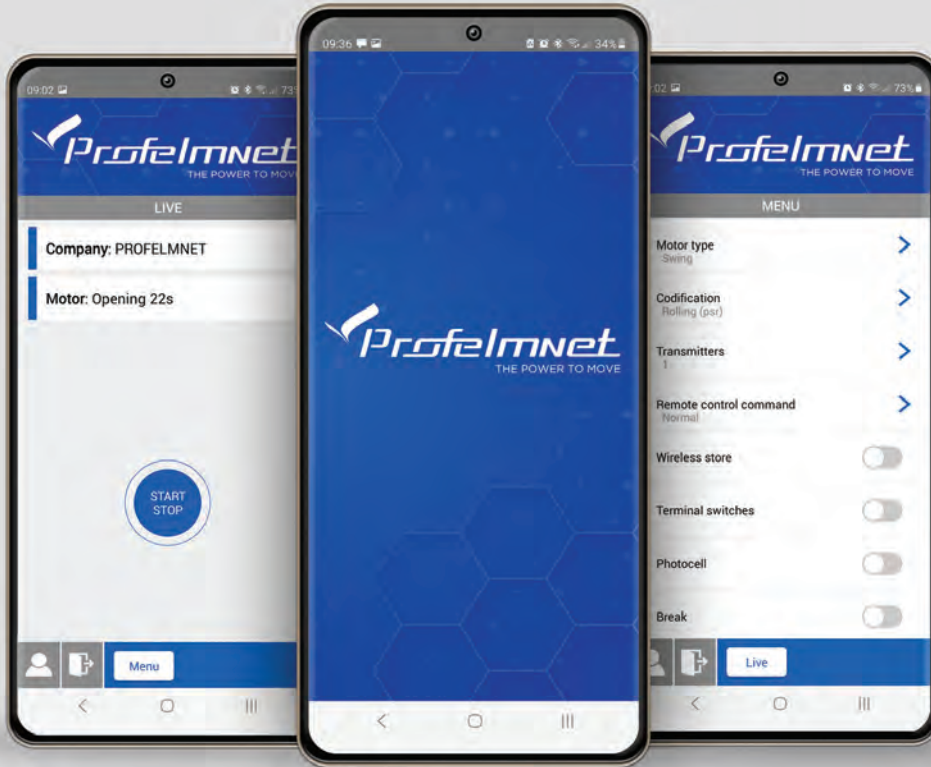
TECHNICAL CHARACTERISTICS

Power supply	230VAC /50 Hz
Max. Motor power	1200W
Box dimensions	9.5cm X 4.5cm X 13cm
Control board dimensions	7.5cm X 3cm X 10.5cm
Fuse 230VAC	5A
Fuse 24VAC	150mA
Blinker light power supply	230VAC
Photocell power supply	24VAC/100 mA
Remotes memory	removable memory up to 300 remotes
Temperature	-20o C + 60o C

ELECTRICAL CONNECTIONS

1	Line
2	Neutral
1+3	Blinker 230VAC
4	Motor common
5	Motor close
6	Motor open
7+10	Button - NO
8+10	Safety edge - N.C
9+10	Photocell - N.C
10	Terminal switches & accessories common
11+10	Close terminal switch - N.C
12+10	Open terminal switch - N.C
13+14	Accessories power supply 24VAC
15	Antenna

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

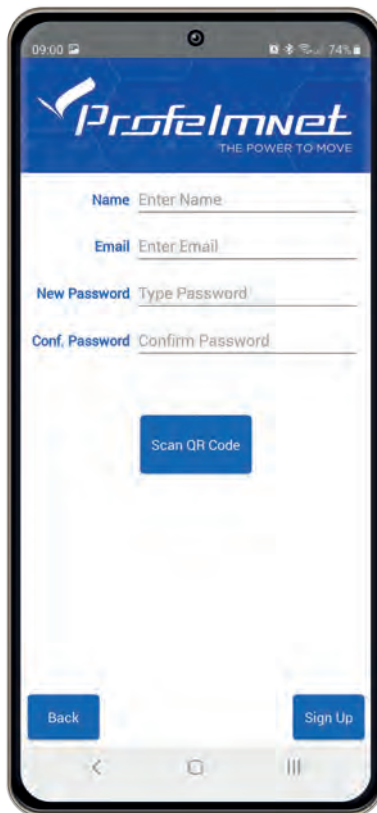
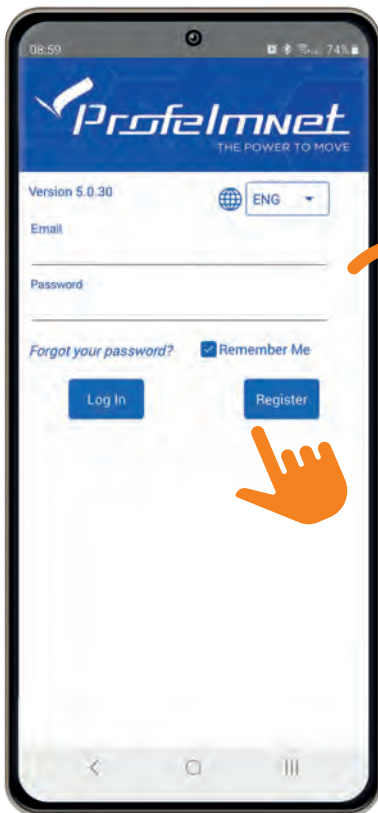


ProfelmNet
Easy Tech



REGISTER

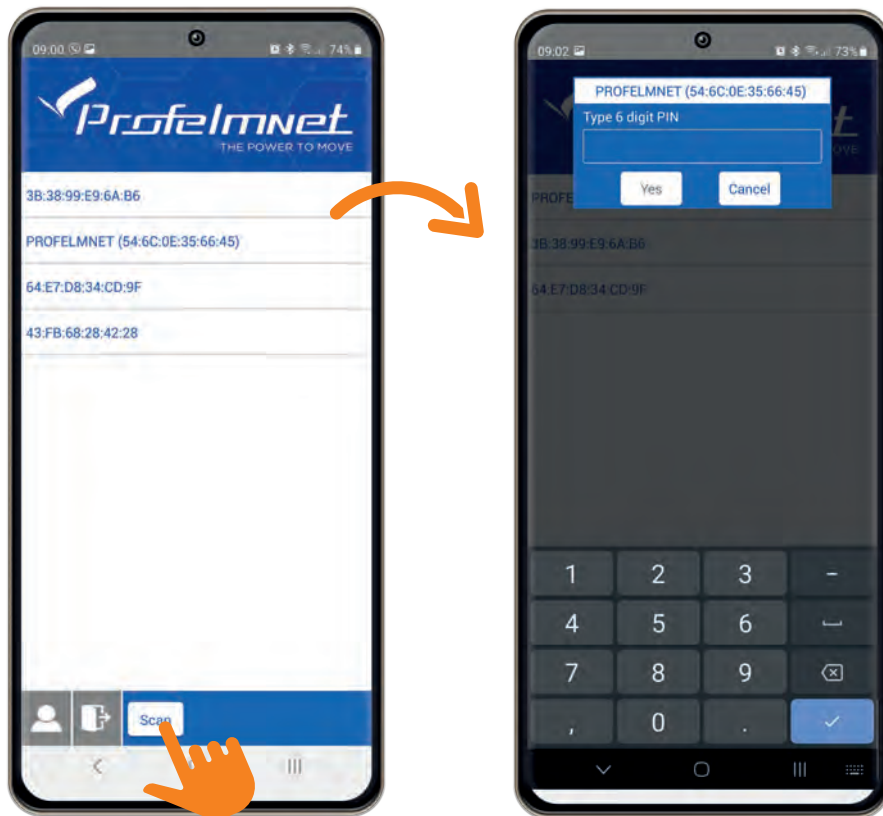
FOLLOW THE STEPS TO REGISTER



- 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



CONNECTION with the board

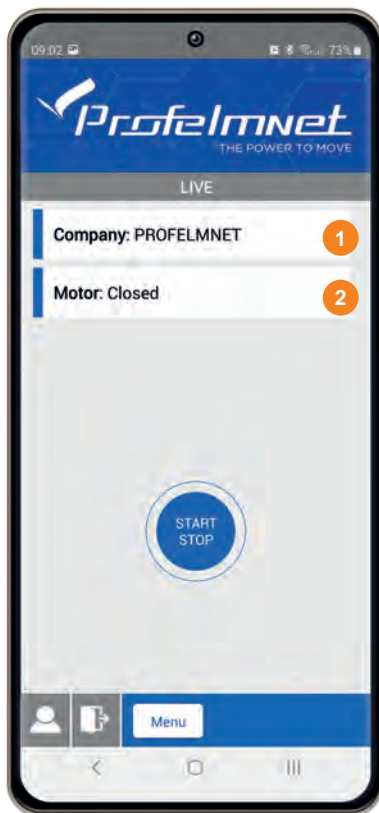


- 1 Press scan to find the **PROFELMNET** device
- 2 Choose the PROFELMNET device
- 3 Type the **6 Digit PIN**

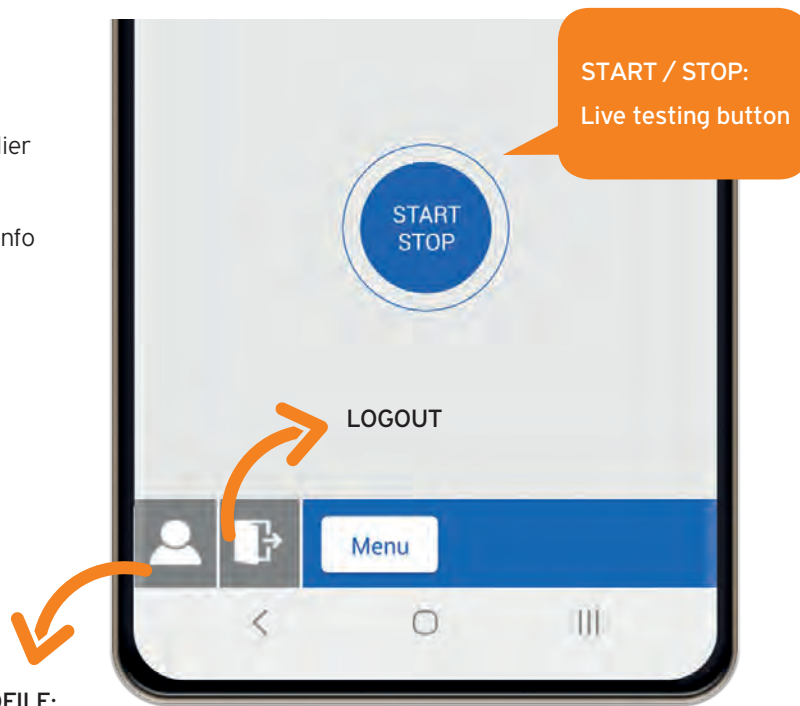
During the first connection, type 000000 PIN and then type your personal 6-digit PIN.

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

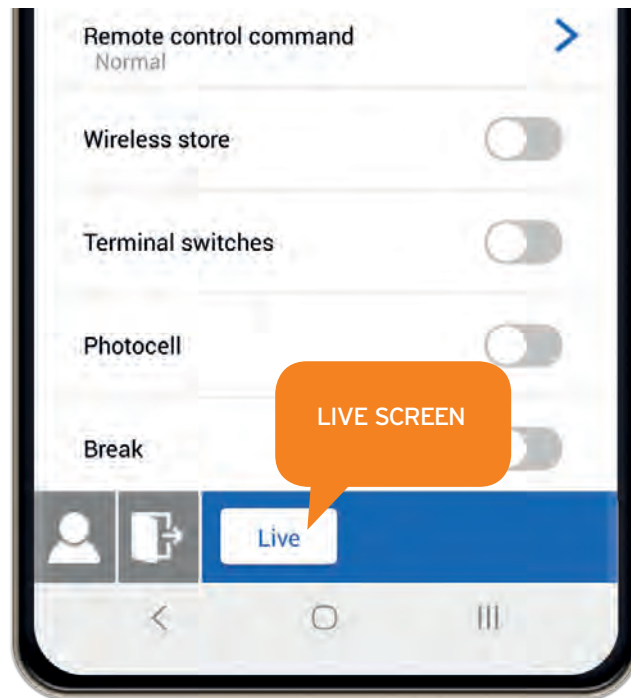
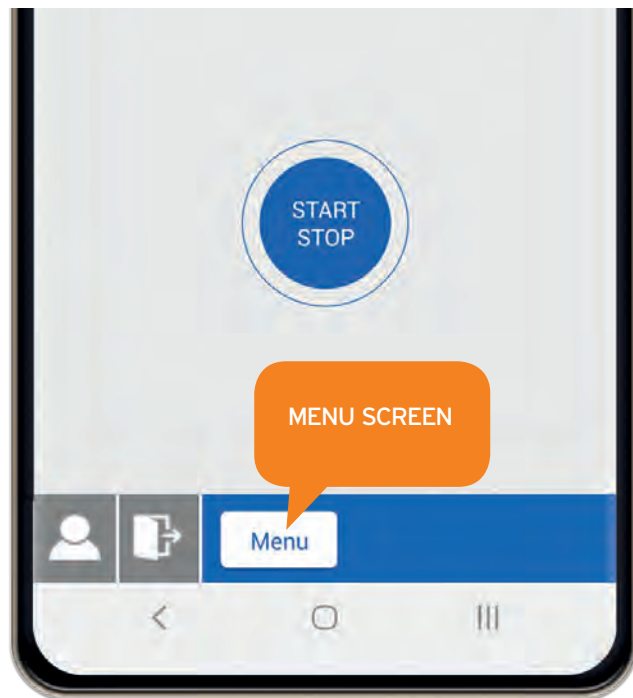


- 1 Company:
Board Supplier
- 2 Motor:
Installation Info

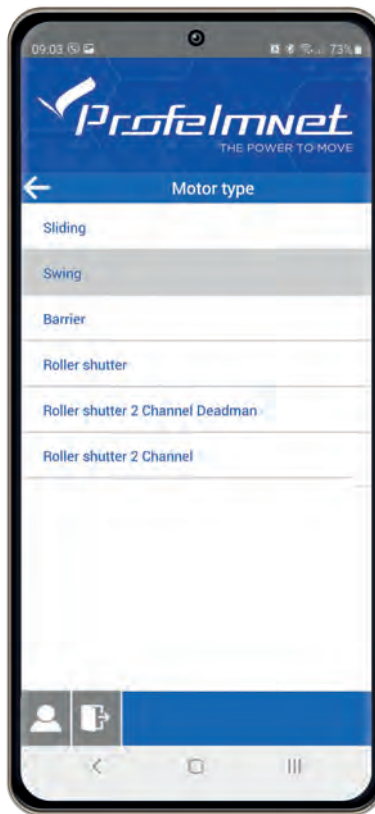
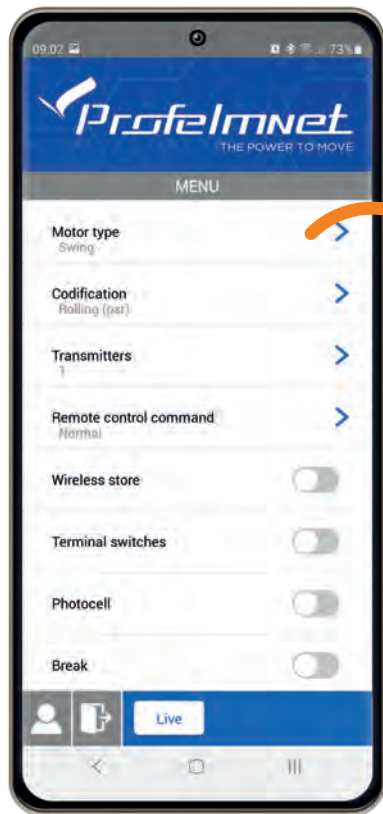


USER PROFILE:
Edit your personal data

SWITCH LIVE SCREEN TO MENU SCREEN

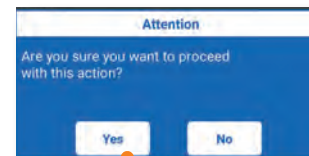


MENU: Motor Type

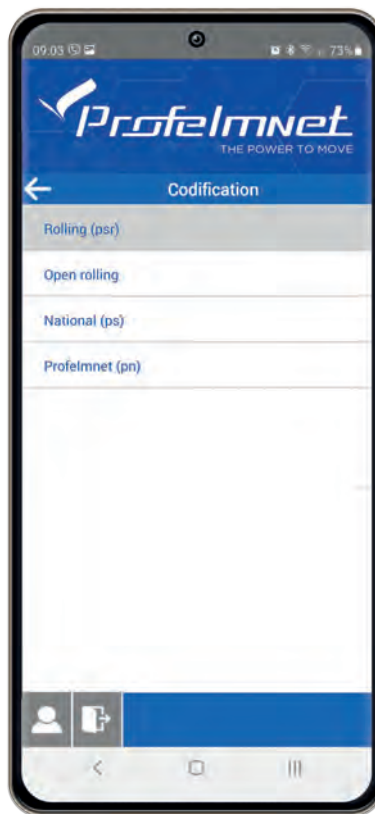
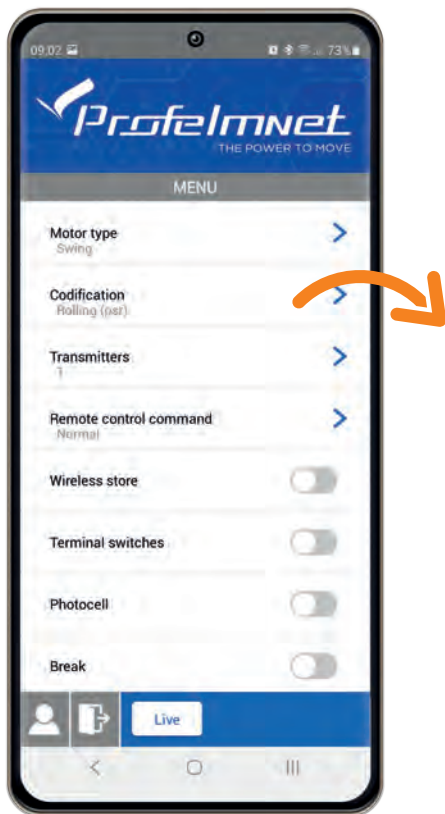


Select based on the installation

SELECTION CONFIRMATION



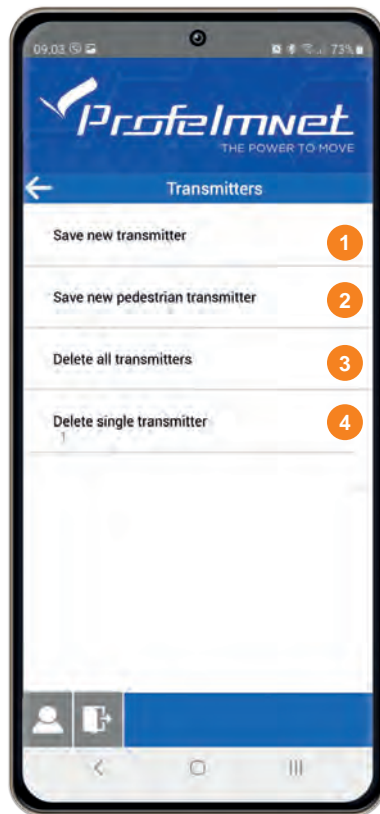
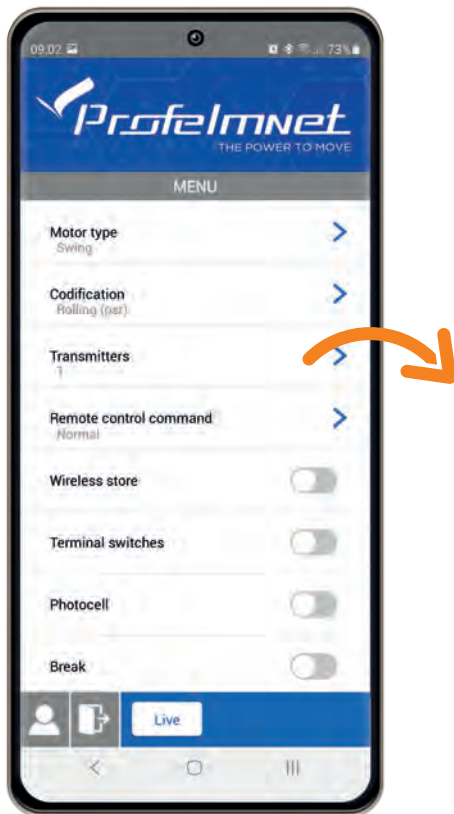
MENU: Codification



Codification: Select based on the installation's transmitters

MENU: Transmitters

FOR SLIDING - SWING - BARRIER - ROLLER SHUTTER



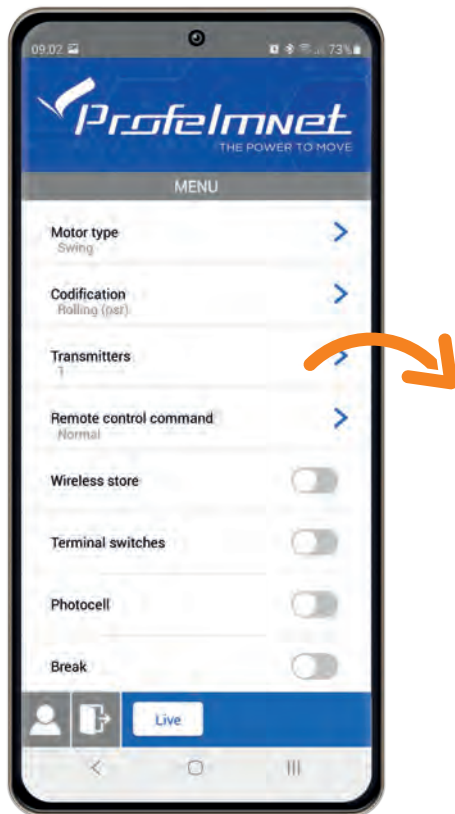
- 1 Save new transmitter:**
Press the transmitter button you want to save
- 2 Save new pedestrian transmitter:**
Press the transmitter button you want to save as pedestrian
- 3 Delete all transmitters:**
YES/NO
- 4 Delete single transmitter:**
Choose the number of transmitter to DELETE.



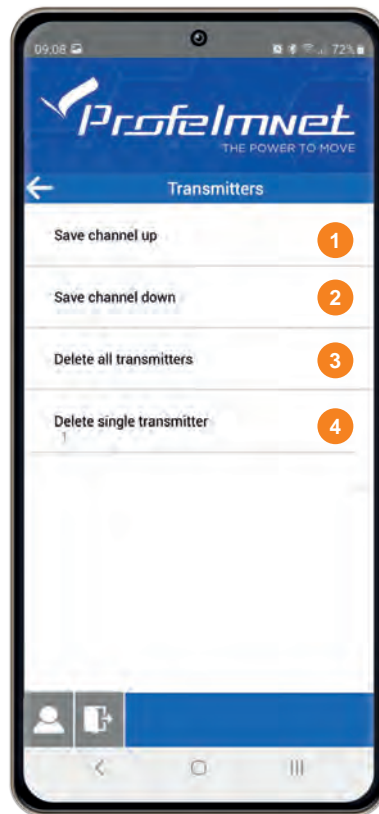
USER NUMBER:

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

MENU: Transmitters

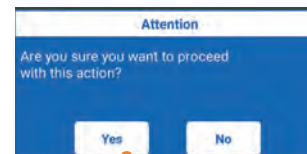


ROLLER SHUTTERS 2 CHANNELS DEADMAN ROLLER SHUTTERS 2 CHANNELS

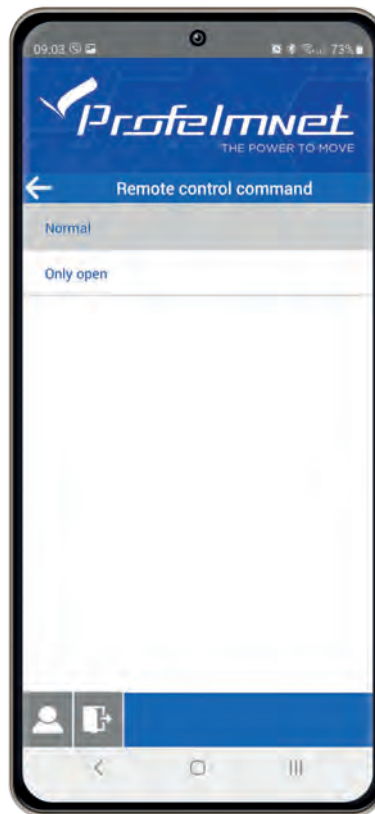
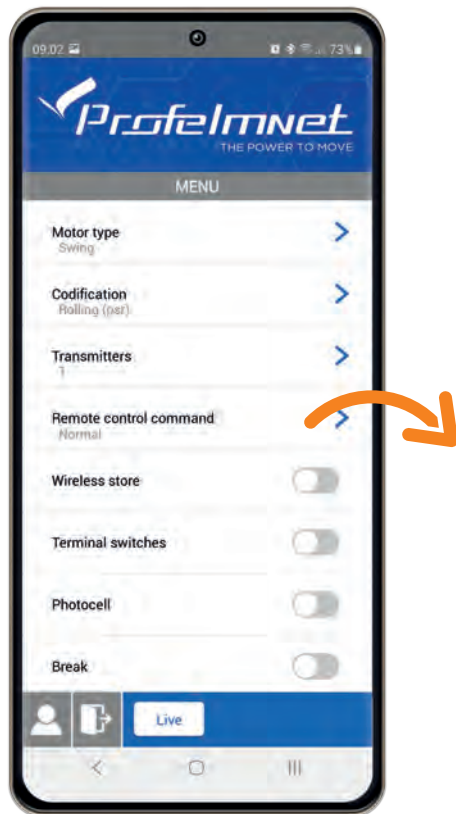


- 1 **Save channels up:**
Press the transmitter button you want to save for UP direction
- 2 **Save channel down:**
Press the transmitter button you want to save for DOWN direction
- 3 **Delete all transmitters: YES/NO**
- 4 **Delete single transmitter:**
Choose the number of transmitter to DELETE.

SELECTION CONFIRMATION



MENU: Remote control Command

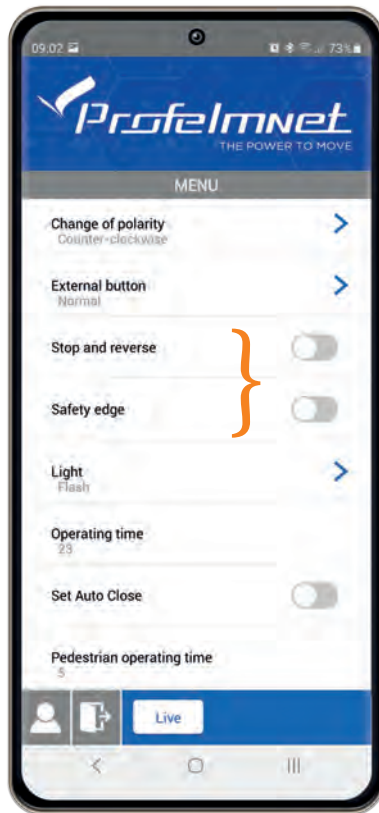
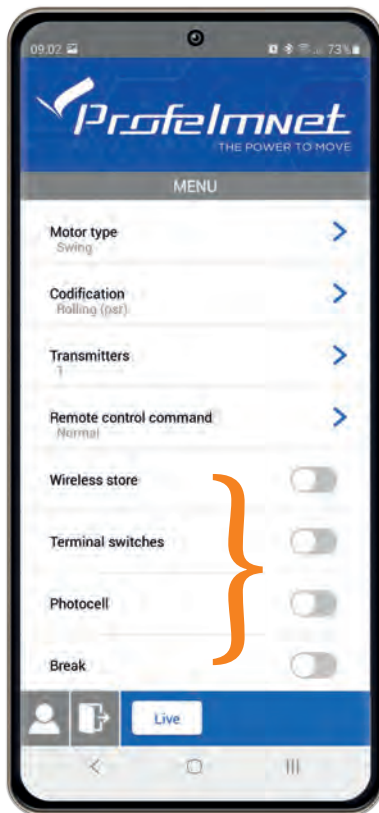


Remote control command

Normal:
START-STOP-CLOSE

Only Open

MENU: Settings ON/OFF



Wireless store
TerminalSwitches
Photocell
Brake
Stop and Reverse
Safety Edge

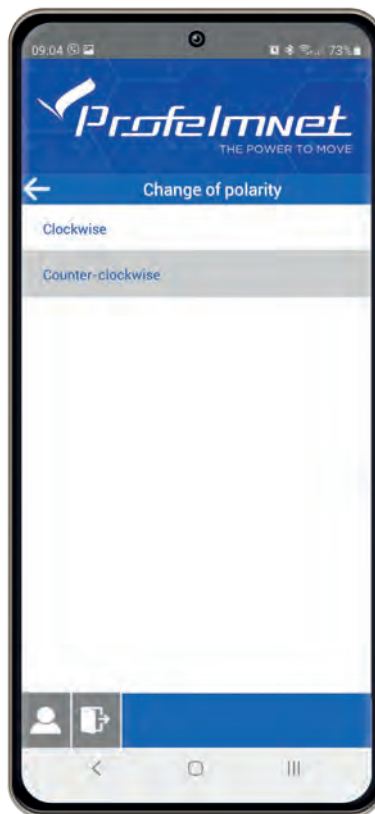
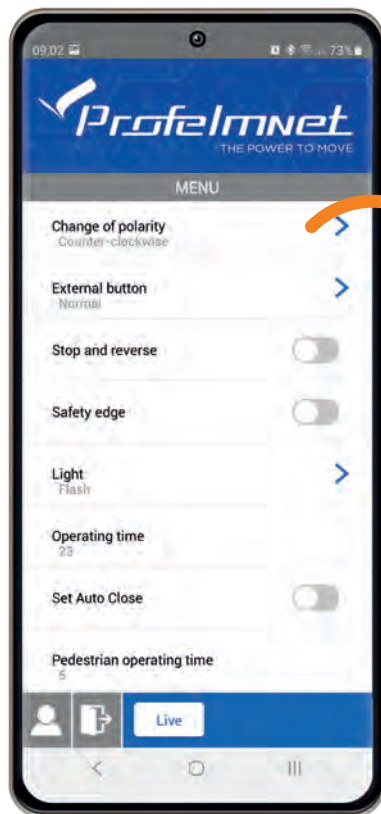
OFF ☐ ON ☒



ADD NEW REMOTE CONTROLS WIRELESS:

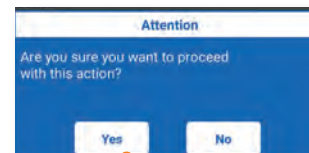
The motor is fully closed or open. Press a working transmitter button (already in memory) to start the motor working and hold it pressed until the motor stops. When it stops, leave it and press the new transmitter button immediately. The new transmitter is saved. Repeat steps to program more transmitters remotely. When the memory is full (300 transmitters) you cannot add more new transmitters.

MENU: Change of polarity

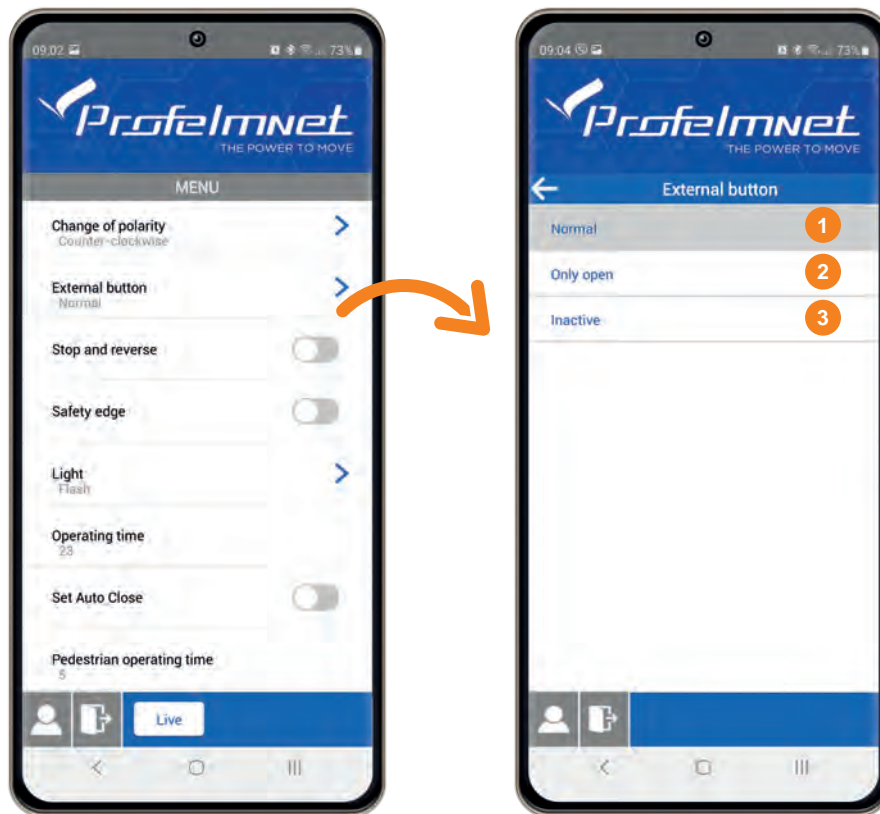


Change the motor and terminal switches polarity based on the installation

SELECTION CONFIRMATION



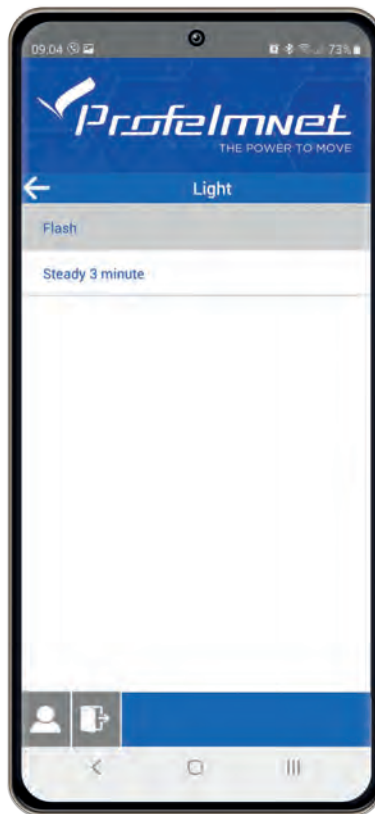
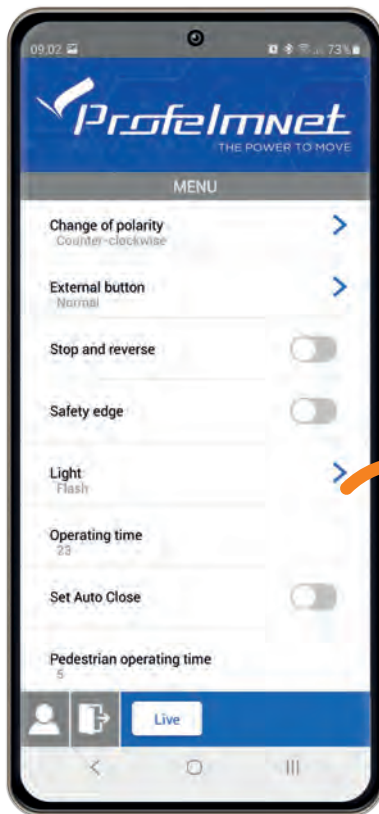
MENU: External Button



External Button: Select based on the installation

- 1 NORMAL
- 2 ONLY OPEN
- 3 INACTIVE

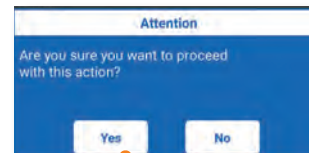
MENU: Flash



FLASH: The light is flashing during the cycle of the motor.

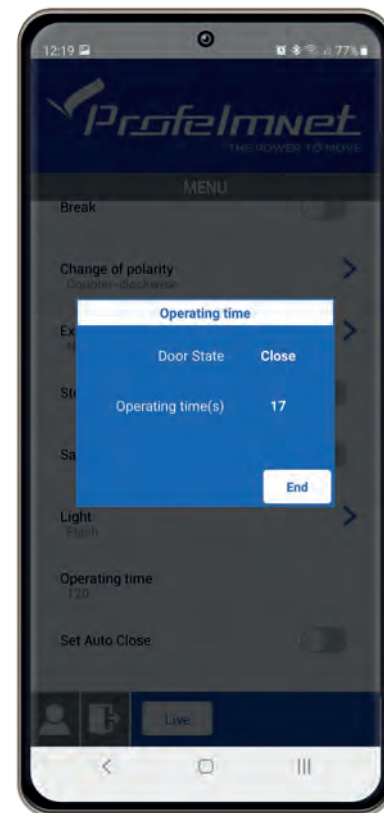
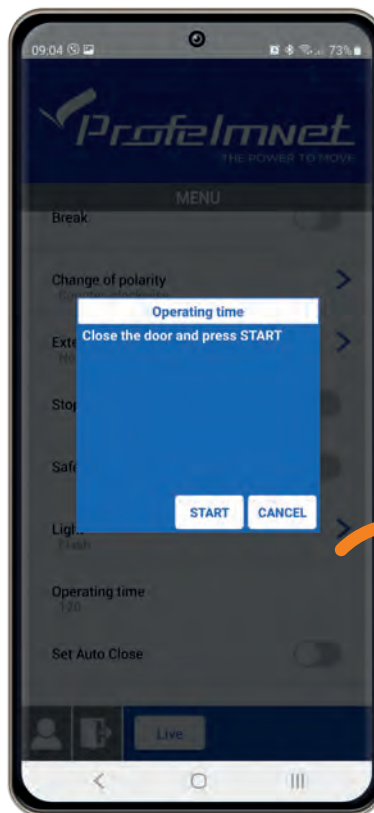
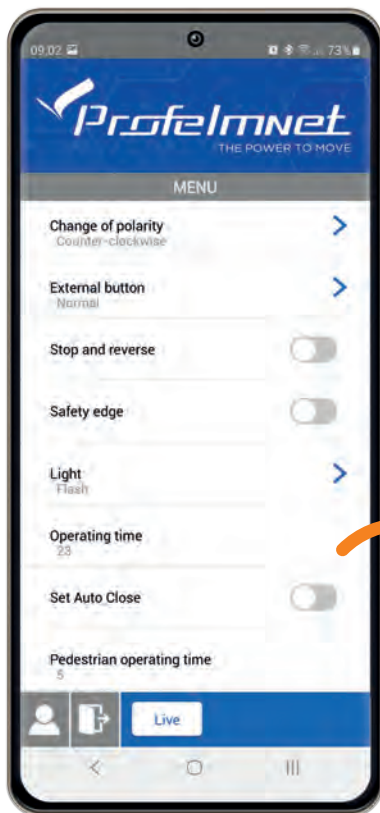
LIGHT STEADY 3 MINUTES: The light is steady for 3 minutes after the last command.

SELECTION CONFIRMATION

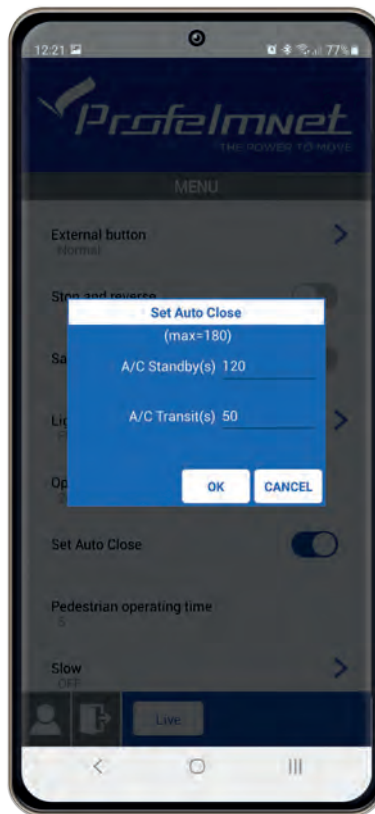
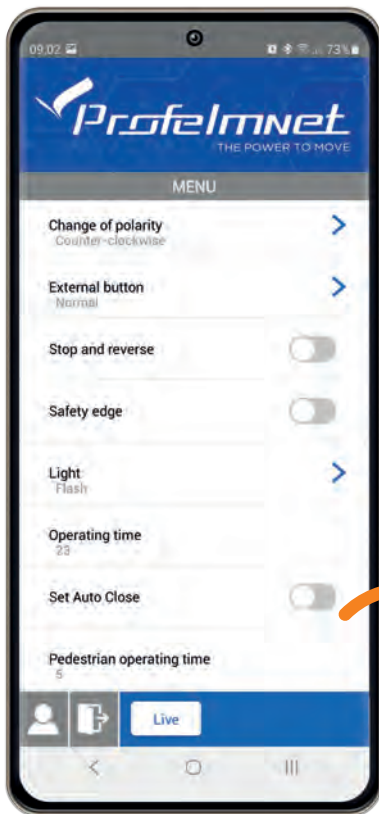


MENU: Operating Time

Follow the application steps



MENU: Set auto - close



- **Auto-Close Stand-by:**
The time when the gate is open and the photocell is not activated
- **Auto close Transit:**
The time when gate is open after the photocell is activated



SET TIME:

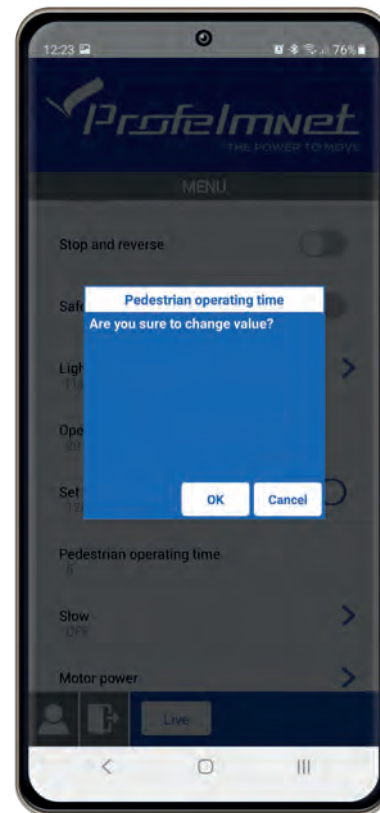
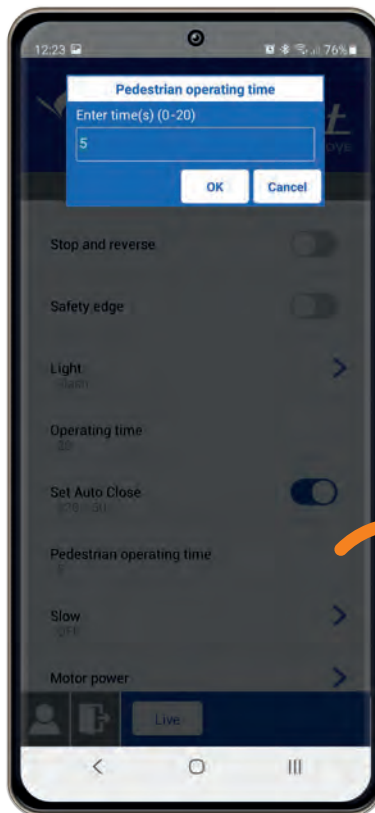
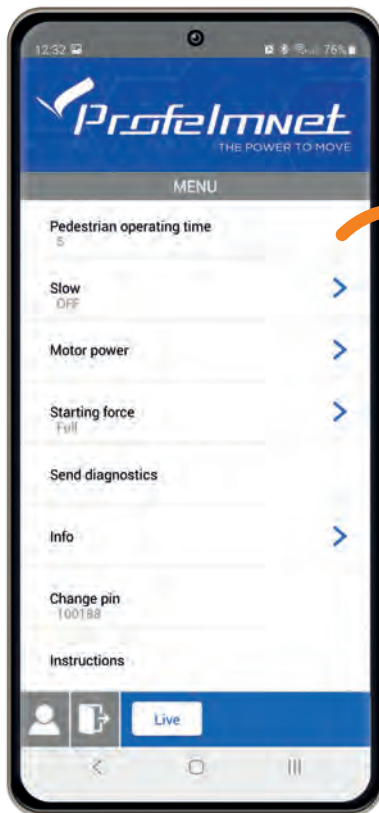
Set time on each field in seconds

If you want to edit the time, you need to disable the AUTO-CLOSE and re enable it

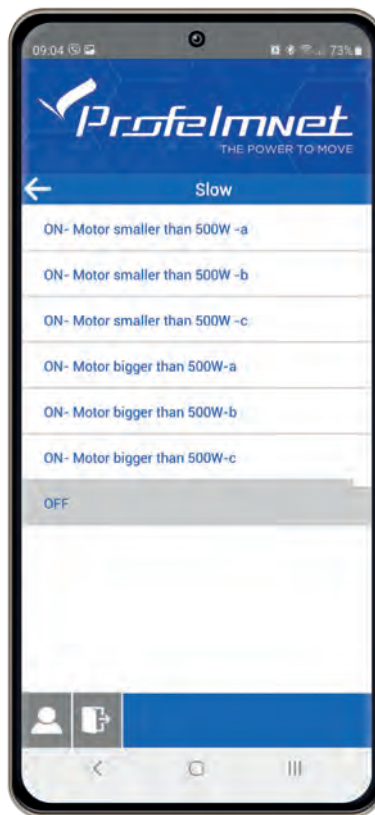
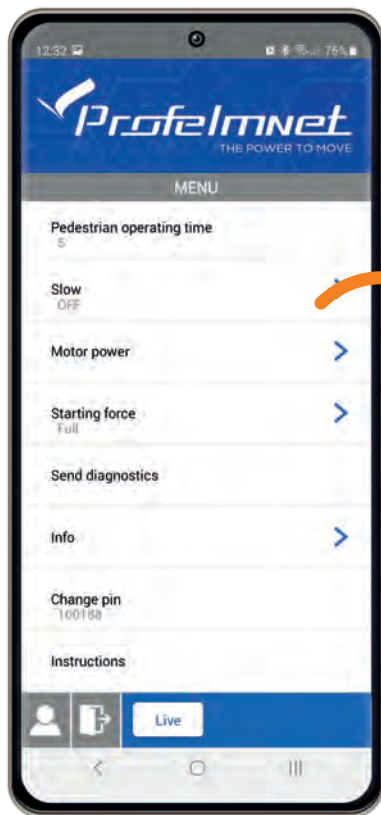
OFF ☐ ON ☒

MENU: Pedestrian operating time

Follow the application steps



MENU: Deceleration



DECELERATION

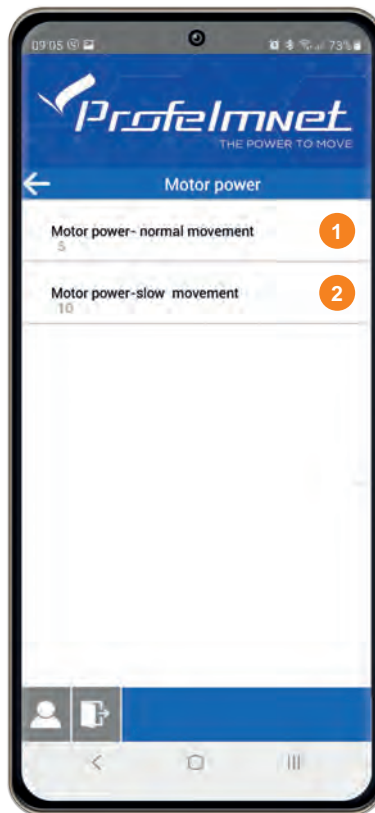
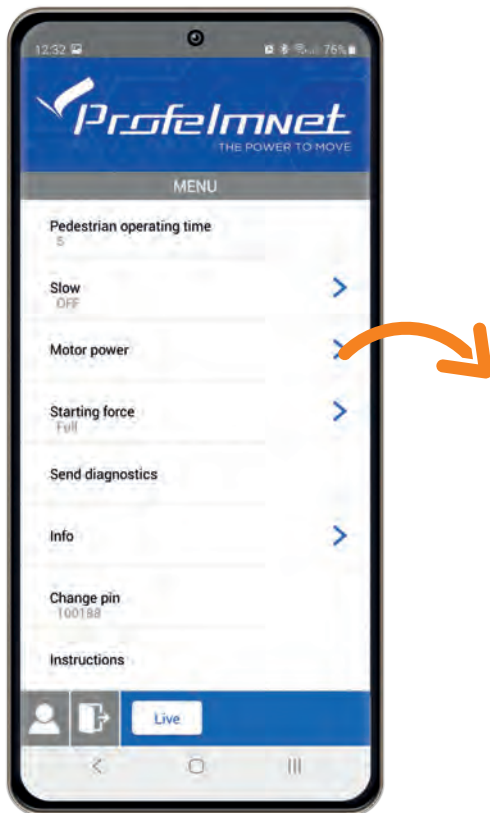
Select based on the installation



Recommended Factory Settings:

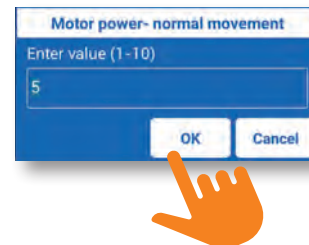
- 1. Motor less than 500 watt:
Choice A*
- 2. Motor more than 500 watt:
Choice A*

MENU: Motor Power

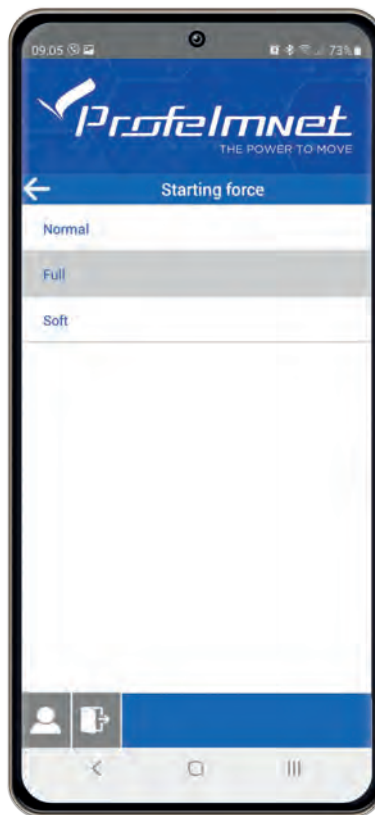
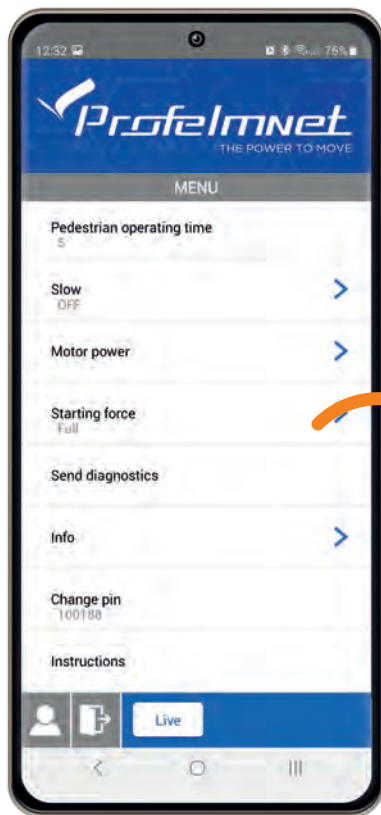


- 1 Motor power - normal movement
Enter value
- 2 Motor power - slow movement
Enter value

ENTER VALUE

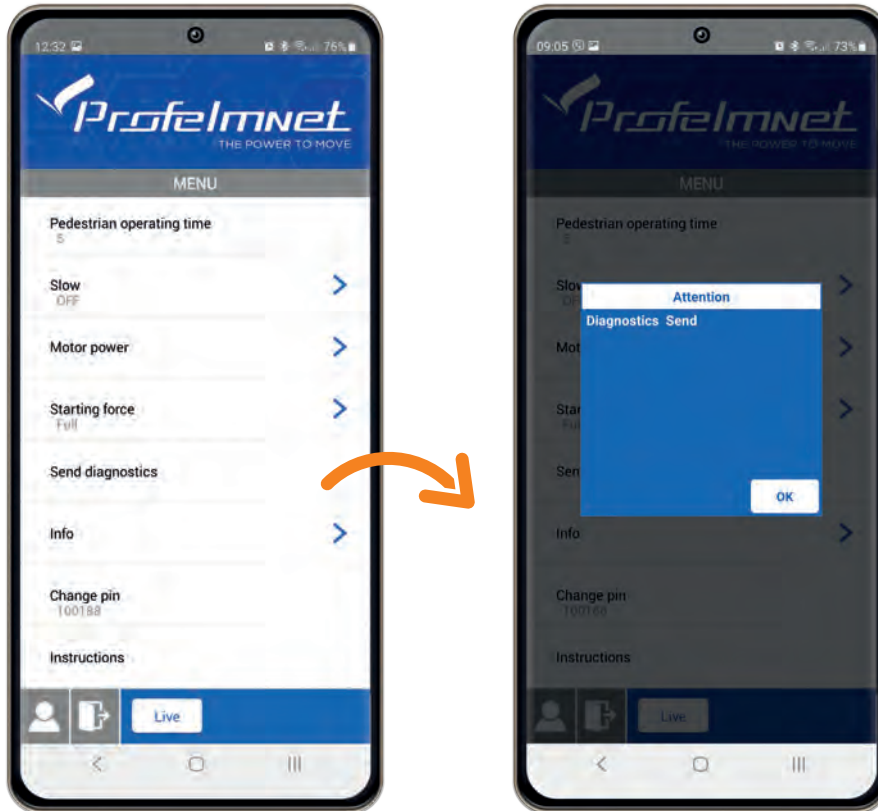


MENU: Starting Force



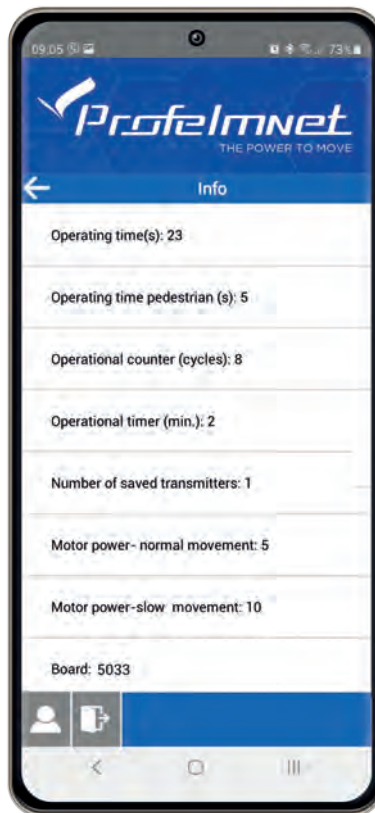
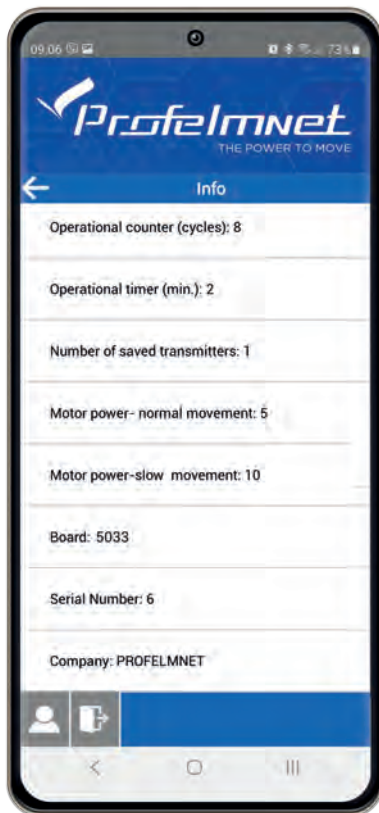
Select based on
the installation

MENU: Send Diagnostics



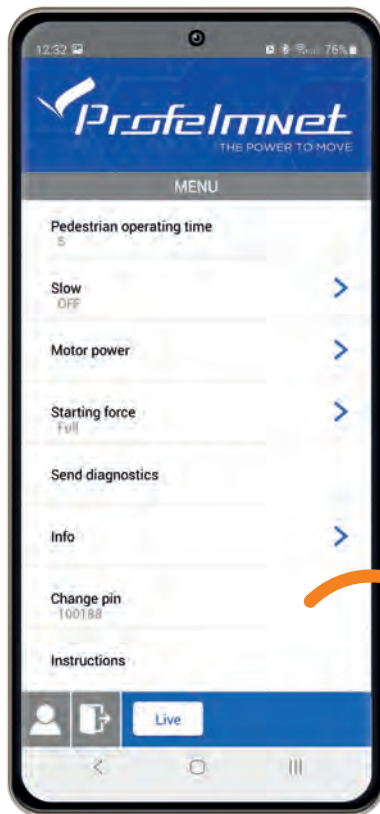
In case of technical support, send diagnostics to the Profelmnet technician

MENU: Info



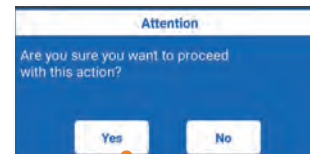
All information of the board

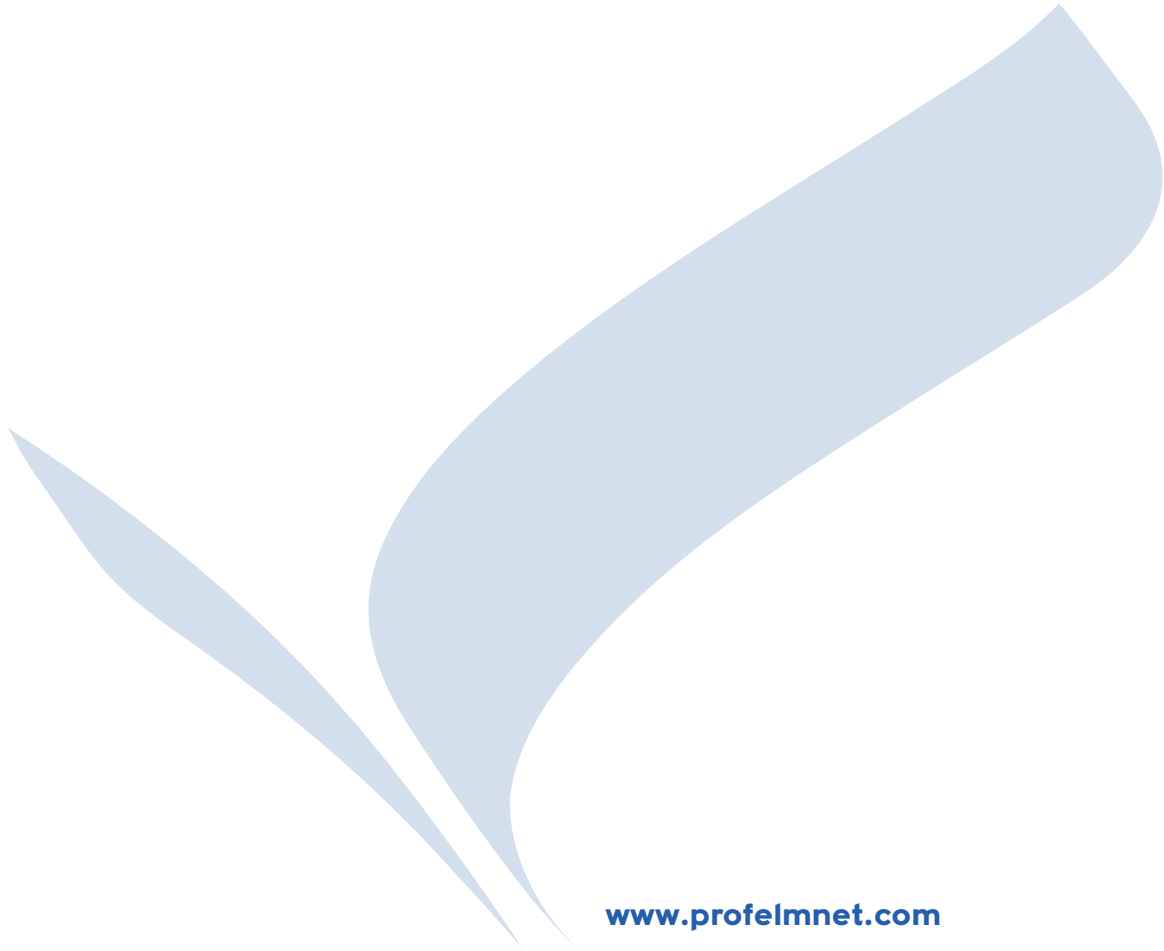
MENU: Change PIN



CHANGE PIN

SELECTION CONFIRMATION





www.profelmnet.com