EXTEL

REF. 761005
XB250

CONNECTED MOTOR DRIVE KIT

WITH PIVOTING ARMS - FOR SWING GATES

umii



L
UP TO 2.5 M
PER PANEL

Kg
250 KG
PER PANEL

24V

SOLAR OPTION
(ref. 114375)

17"
OPENING TIME
(for 90° opening)

METAL
GEARS

Easy install
EASY TO
INSTALL

SIMPLIFIED
CONFIGURATION
(done 100% using the free app)

Made from
100% RECYCLED
ALUMINIUM and
70% RECYCLED
PLASTIC

WIFI 2.4GHz

Bluetooth™



The swing gate motor with pivoting arms allows you to control your door from the **Extel Umii** application. It belongs to the connected universe **Extel Umii**. Extel has created a range designed for greater simplicity, user-friendliness, and convenience.

Umii is the range of connected products from the brand **Extel**. The free **Extel Umii** app consolidates all your products on a single interface. You can **easily create** your complete connected home, according to your lifestyle. A connected gate motor is **guaranteed to add convenience** and improve **your daily life**.



CONTROL ACCESS TO YOUR HOME AT ALL TIMES

Control the opening of your gate by:

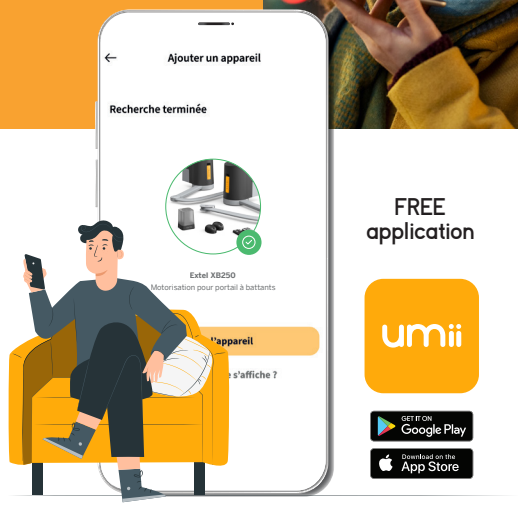
The 2 remote controls provided.
They allow you to open your gate completely or a single panel (side gate mode).



Note: you will be able to add up to 15 remote controls with a button for full gate opening and a button for side gate mode (a single panel).



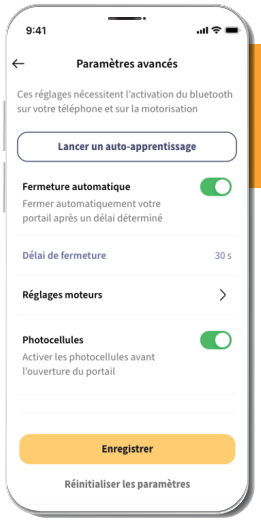
Your Google or Alexa **voice assistant** is compatible with **Extel Umii**.



Your smartphone.
Open and close your gate remotely with the Umii app.

All of these features can be activated simultaneously!

A FREE APP DESIGNED TO MAKE YOUR DAILY ROUTINE EASIER



Configuration via Bluetooth™

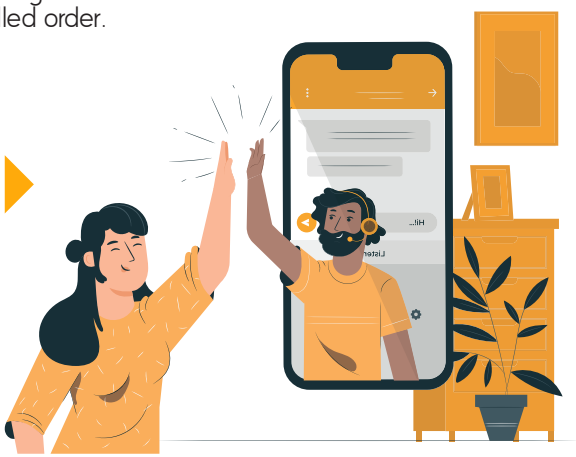
The free Umii application assists you 100% to configure your motor drive.

At any time, from the free **Umii** app:

- You can easily manage the configuration of your motor drive.
- You can pair your accessories easily.
- You can check the position of your gate (closed/open).
- You can open and close your gate remotely.
- You are alerted in the event of an unfulfilled order.

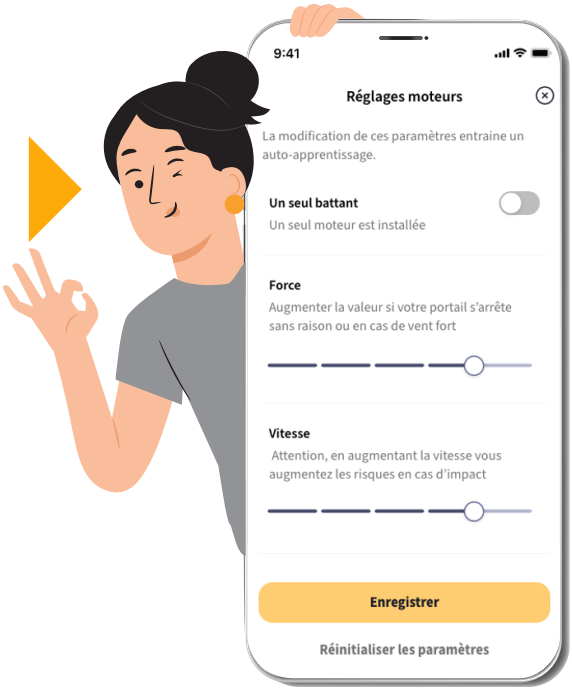


Thanks to the app, our **After Sales Service** can identify the problem remotely and, with your consent, take control of your installation to help you solve the issue.



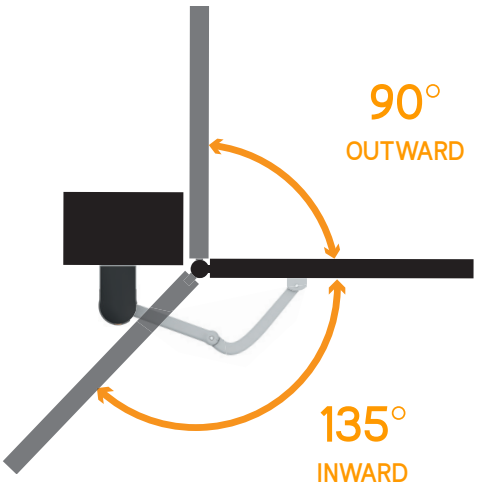
EXTEL OFFERS YOU THE CONVENIENT AND RELIABLE SOLUTION YOU NEED

Customise the use of your gate motor by configuring the power, speed and acceleration of your gate's movement.



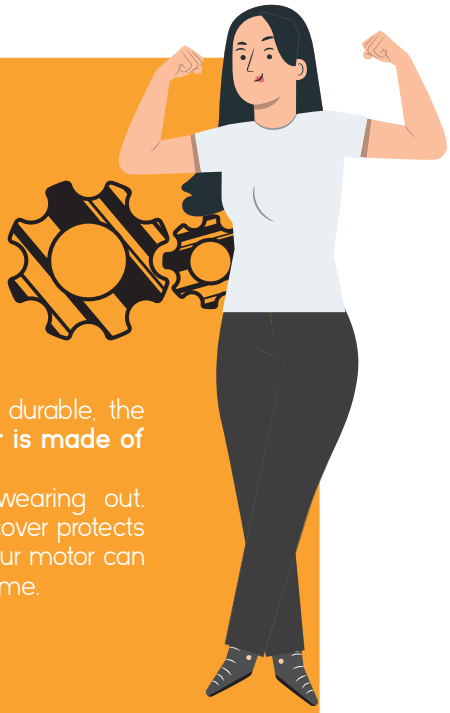
To save you even more time, add convenience and improve your daily life, the gate motor offers many features:

- **Progressive start** and **end cycle deceleration** (soft open and close)
- **Obstacle detection**
- Opening time of **17 seconds** for 90° opening
- The gate closes in **automatic** mode and **semi-automatic** mode
- The **opening range** is also a guarantee of convenience: **maximum opening of 135°** inward towards the property, and **maximum opening of 90°** outward away from the property.









To ensure your system is durable, the gear installed in the **motor is made of metal**.
No risk of breaking or wearing out. Maintenance is easy (the cover protects it from rain and dust) so your motor can continue to run for a long time.

In the event of a power outage, you can manually open your gate using the override key provided.



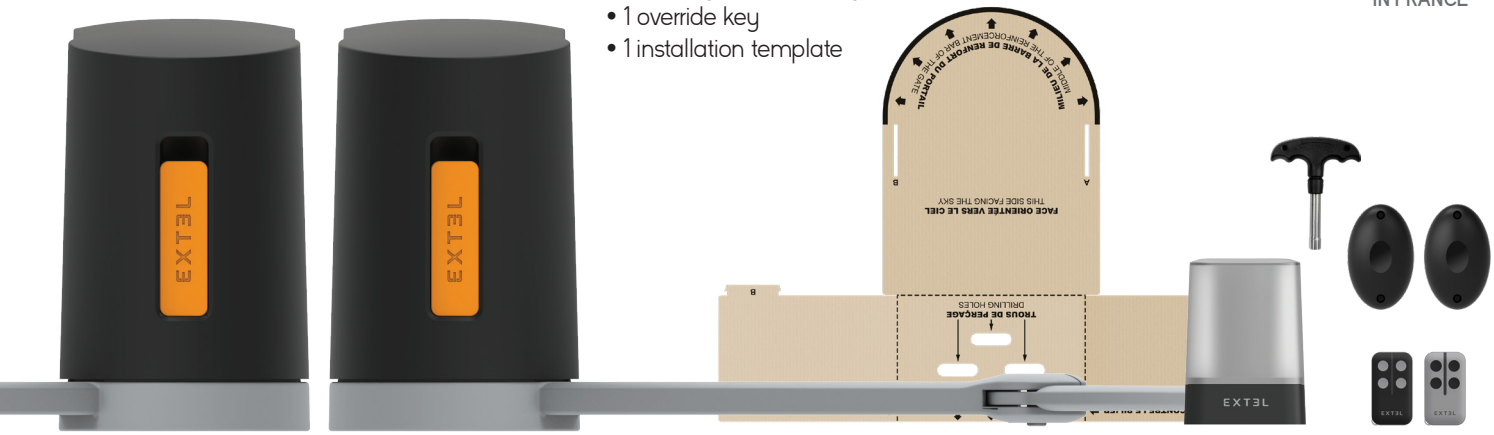


The motor drive is equipped with wired control inputs, allowing it **to be connected to any videophone or intercom with a gate control.**

KIT CONTENTS

- 2 motors with pivoting arms and integrated electronics
- 2 x 4-button remote controls
- 1 flashing light
- 1 set of photocells
- Mounting and fastening brackets
- 1 override key
- 1 installation template

ELECTRONIC CARD DESIGNED IN FRANCE



MADE FROM **100%** RECYCLED ALUMINIUM

AND **70%** RECYCLED PLASTIC

We strive to manufacture products while limiting our impact on the environment. This motor drive is made from recycled aluminium and recycled plastic.

According to ADEME, recycled aluminium emits 13 times less CO2 than new aluminium. Recycled plastic emits half as much CO2 as new plastic.



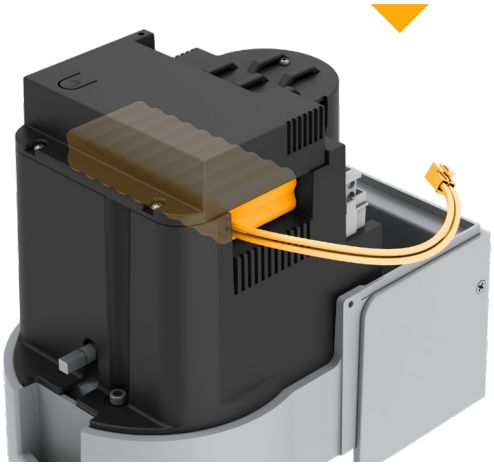
UPGRADE YOUR DRIVE KIT



SOLAR OPTION

You can add a solar panel to power your motor without additional energy expenditure.

The motor runs on electricity. But Extel goes further so that you can use your motor drive in all circumstances. The design includes a backup battery compartment, a useful accessory in the event of a power outage.



CHOOSE SIMPLICITY

This motor drive is compatible with the following types of gates:

- **Maximum length of 2.5 m per panel**
- **Maximum weight of 250 kg per panel**

The gate can be made of wood, steel, aluminium or PVC. It can be solid or openwork with patterns or bars.



Note: this motor model reproduces the natural movement of a gate. It is suitable for set-ups with ample space behind the panel post. Before buying this model, check that you have enough space for the deployment of the motor arms. If not, opt instead for the swing gate motor drive with actuators from **Extel Umii** (ref. 761003).



COMPATIBLE WITH NARROW PILLARS (min. 15 cm)

WIFI 2.4GHz

In order for you to use the connected motor drive features remotely, you must have the signal from your router at the gate, or if necessary, install a WiFi repeater if the distance is too far.



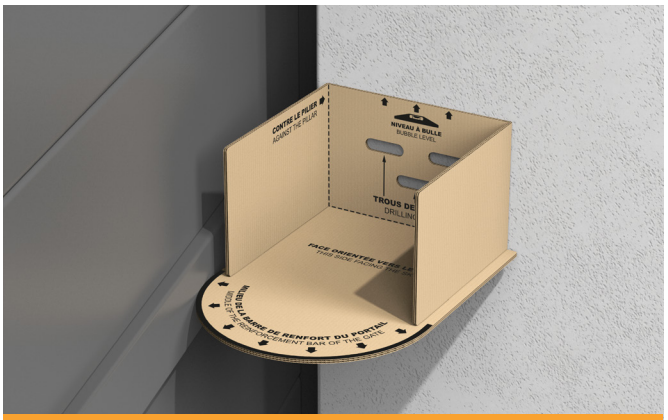
Extel Umii has made it its mission to simplify the lives of its users as much as possible, with a high-end and accessible connected home. When mounting your motor, beni t from:

A truly innovative mechanical installation compared to other motors on the market

• • •

Intuitive programming with the **Extel Umii app**

The complete motor drive kit is designed so that you can install your motor alone. You will be able to use the tools and features provided with the kit:



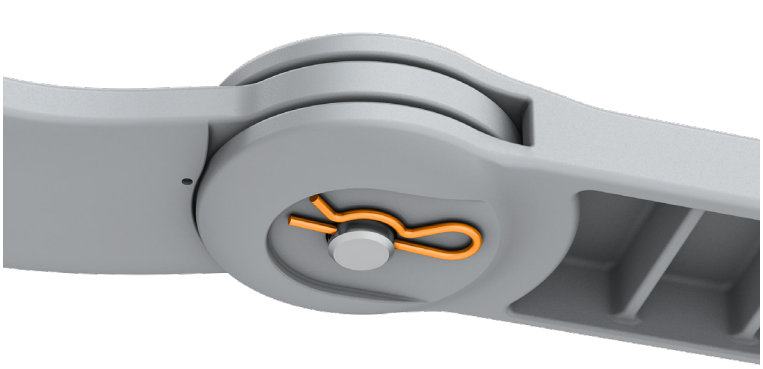
INSTALLATION TEMPLATE

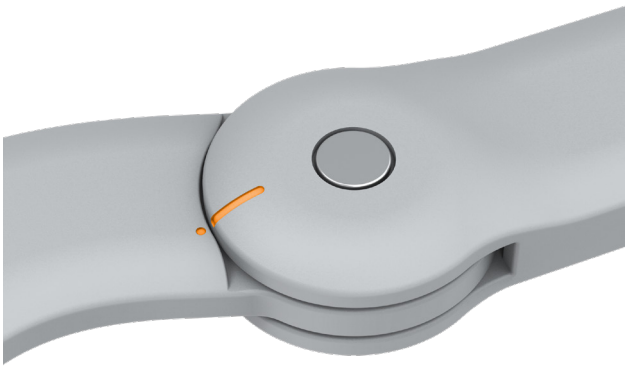
The installation template is provided: in solid cardboard, it has the essential marks for installing the motor, including margins



MOUNTING BRACKET NEXT GENERATION

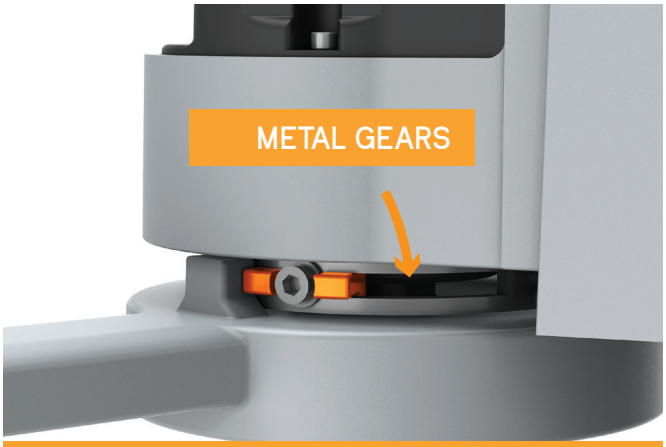
The next generation mounting bracket is quick and easy to install on the post: it then allows the motor to be safely connected





EASY-TO-INSTALL ARM

Specific tooling enables you to install the two articulated arms easily, without having to buy additional tools not included in the kit



PHYSICAL END STOPS

The physical end stops on opening and closing require no additional installation: they are integrated into the motor.



WITH UMII, YOU ARE SURE TO HAVE AN EASY INSTALLATION!



SPECIFICATIONS

Motors	
Type	24 VDC motors, reduction gear, override system
Elements	1 left motor and 1 right motor
Power supply	24 VDC
Rated torque	50Nm
Consumption at rated strength	3 A
Assigned operating duration	10 cycles per hour
Maximum number of cycles/day	100
Operating temperature	-20 °C/ +40 °C
Protection rating	IP44

Control electronics built into the left motor	
Contents	1 electronic card with onboard WiFi and Bluetooth, 1 x 230 V/20 V transformer
Power supply	230 VAC/50 Hz
Maximum assigned power	250 W
Motor output (- M2 + / - M1 +)	2 outputs for 24 VDC motor. - Maximum output current at start for 3 s = 8 A. - Maximum output current after start = 5A
Flashing light output	Flashing controlled by the electronic card. For 24V flashing light with LED only, included in the kit
Power output	To power the photocells. 3.3W maximum, 2 sets of photocells
Photocell input (PHO)	Input for dry contact that is normally closed
Wired inputs for complete opening and side gate	Input for dry contact that is normally open (closing the contact triggers a command to set the gate in motion or stop it)
The following can be controlled	The gate and pedestrian passage by remote control Or only by input for dry contact
Number of remote control buttons that can be memorised	15 with 1 gate command button and 1 pedestrian command button
Protection fuses	250V 1A time-delay fuse in the power supply connector
Operating temperature	-20 °C/+40 °C
Protection rating	IP44

Photocells	
Type	Modular infrared beam presence detector. D type safety system according to EN 12453
Contents	1 TX transmitter and 1 RX receiver
Power supply	12 VDC, 12 VAC, 24 VDC, 24 VAC
Maximum assigned power	0.7W for the pair
Output	- 1 output with normally closed dry contact (COM/NC) - 1 output with normally open dry contact (COM/NO)
Transmission angle/ Reception angle	10° approx. / 10° approx.
Range	15 m maximum (range may be reduced due to weather disruption)
Number of connectable photocells	It is possible to connect up to 5 RX receivers in a series
Operating temperature	-20 °C/+40 °C
Protection rating	IP44

Flashing light	
Type	LED lighting 8W max, ashing managed by the electronic card
Power supply	24V impulse relay
Operating temperature	-20 °C/+40 °C
Protection rating	IP44

Remote control	
Type	Type: AM On/Off Keying (OOK) modulation. 16-bit Rolling code encoder (i.e. 65,536 possible combinations)
Frequency	433.92 MHz
Power supply	3 V (CR2032 battery)
Touch	4 keys
Radiated power	< 10mW
Battery life	1 year at a rate of 10 x 2s uses per day
Operating temperature	-20 °C/+40 °C

EXTEL

HOTLINE

3 YEARS WARRANTY

XB250

REF. 761005

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