



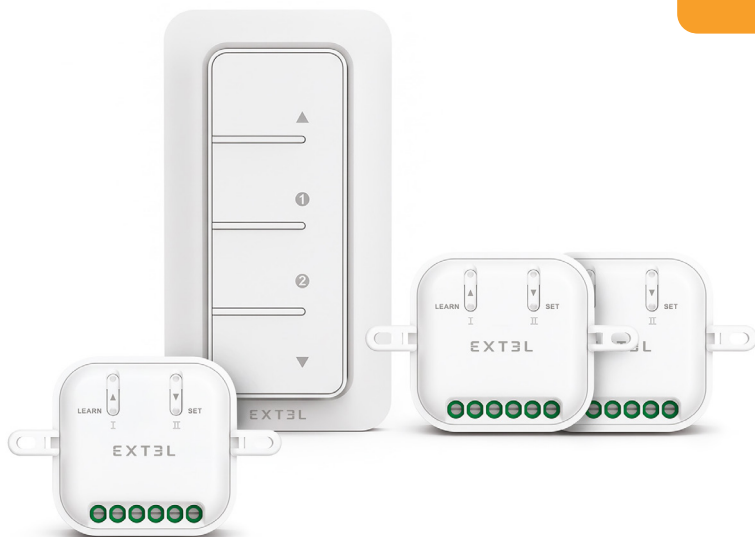
EXT3L

V1

Set of 3 modules for 433 MHz roller shutters with remote control

Ref. 701102

EN



433 MHz roller shutter module

Ref. 701101

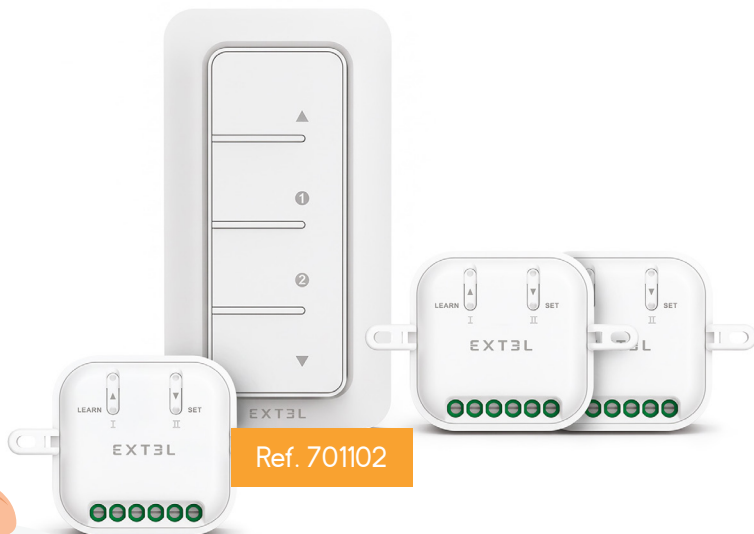
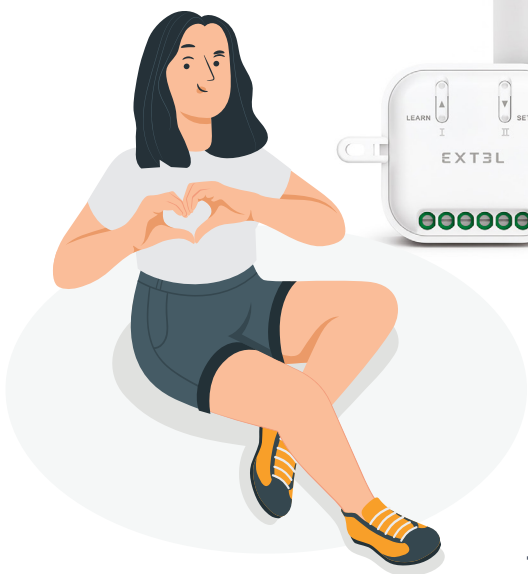


INSTALLATION AND USER MANUAL



HOTLINE

2
YEARS
WARRANTY



Ref. 701102

Ref. 701101

Thank you for
purchasing this
product from the
Extel CASA range.

A - SAFETY INSTRUCTIONS

1 - OPERATING PRECAUTIONS

- Do not allow children to handle the product.
- This product is designed exclusively for indoor use.
- This product is designed to be used with an EXTEL CASA remote control.
- Electrical installation must meet current standards (NFC 15-100) and should preferably be done by a qualified person.
- This product is designed to be placed in the flush-mounted box of a switch or ceiling fixture with a depth of at least 40 mm depending on the model of switch installed.
- Do not use this product to control an electrical socket.
- Do not install near acidic chemicals, ammonia or sources of toxic gases.
- Do not install near other electronic devices such as computers, televisions or video recorders.

2 - MAINTENANCE AND CLEANING

- Disconnect from the mains before carrying out any work on the device.
- Your product does not require any specific maintenance.
- Use a soft, slightly damp cloth to clean your product.
- Do not use abrasive or corrosive substances.
- Do not spray any products directly onto the unit.

3 - RECYCLING



The disposal of used batteries in household waste is strictly forbidden. Batteries/accumulators containing harmful substances are marked with symbols (shown opposite) which indicate that it is forbidden to discard them in the household waste. The corresponding heavy metals are referred to as follows: Cd = cadmium, Hg = mercury, Pb = lead. You can dispose of these used batteries/accumulators at local waste facilities (centres for sorting recyclable materials), which are required to accept them. Keep batteries/button cells/accumulators out of reach of children and store them in a safe place not accessible to them. They could be swallowed by children or pets. Risk of death! In the event that a battery is swallowed, consult a doctor or go to A&E immediately. Never short-circuit the batteries, and do not burn or recharge them, as they may explode!



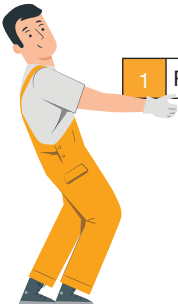
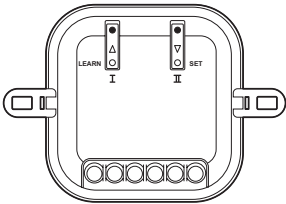
This symbol means that devices no longer in use should not be disposed of with household waste. The hazardous substances they may contain can be harmful to health and the environment. Return the equipment to your local distributor or use the recycling collection service provided by your local council.



B - KIT CONTENTS

REF. 701101

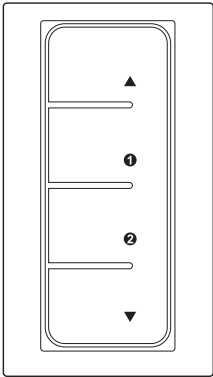
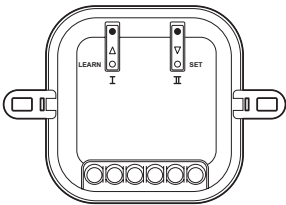
1 x1



1 Roller shutter module

REF. 701102

1 x3



2 x1

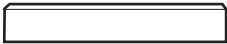
3 x1



4 x2

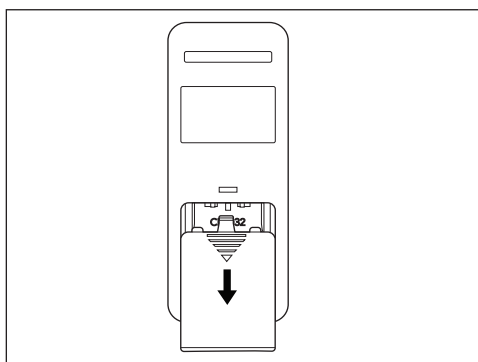
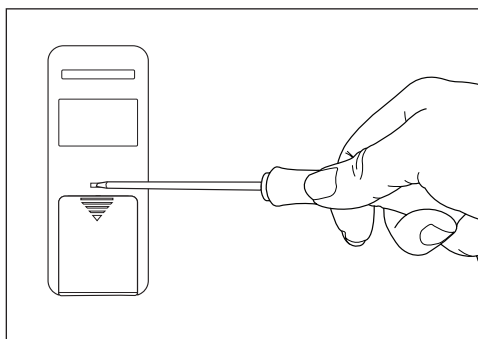
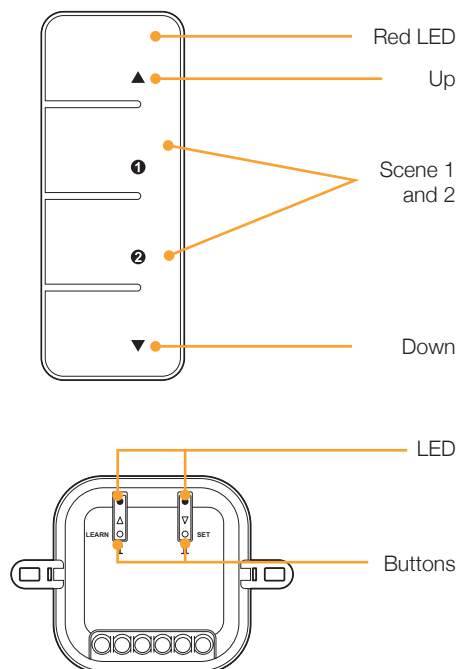


5 x2



1	Roller shutter modules
2	Remote control
3	CR2032 battery
4	Screw
5	Double-sided tape

C - PRODUCT DESCRIPTION



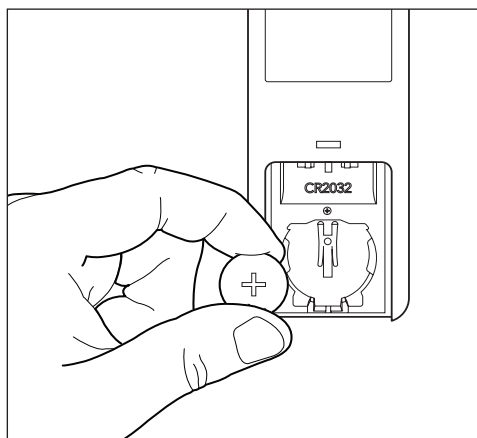
Insert a flat-head screwdriver and lift gently to remove the battery.

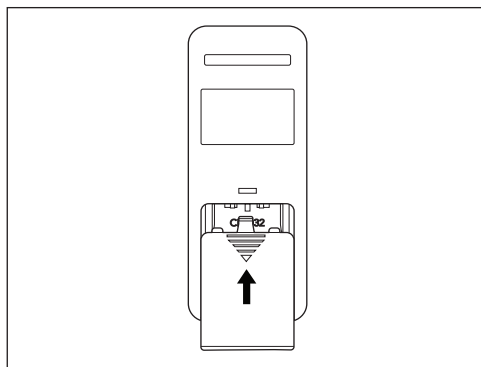
Insert a new 3 V CR2032 battery, making sure the positive terminal is facing upwards, then put the battery compartment cover back in place.

D - FITTING THE BATTERY INTO THE REMOTE CONTROL INCLUDED IN THE KIT (REF. 701102)

Before using the remote control for the first time, you need to remove the insulator pad from the battery.

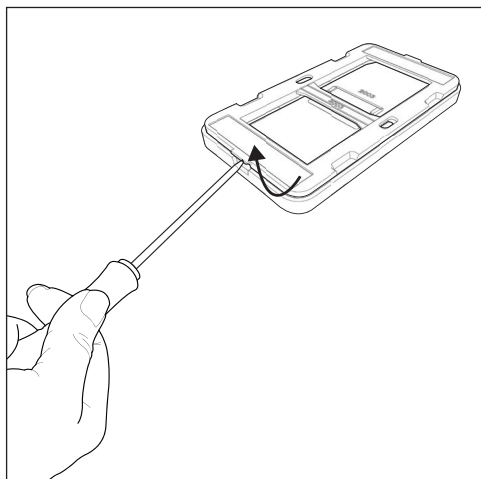
In all other cases, use a flat-head screwdriver: insert it into the slot provided and gently lift the battery compartment cover.



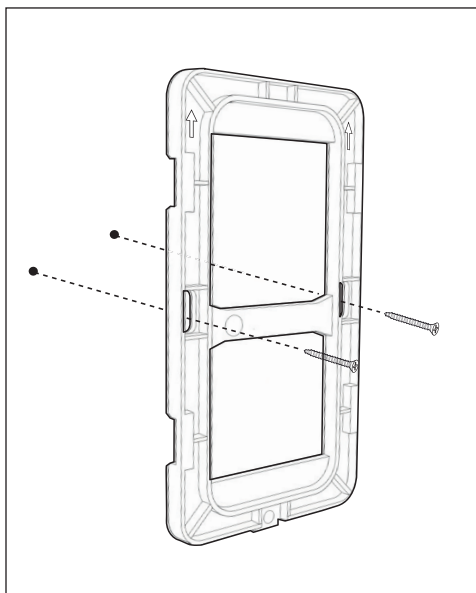


E- INSTALLING THE STAND OF THE REMOTE CONTROL INCLUDED IN THE KIT (REF. 701102)

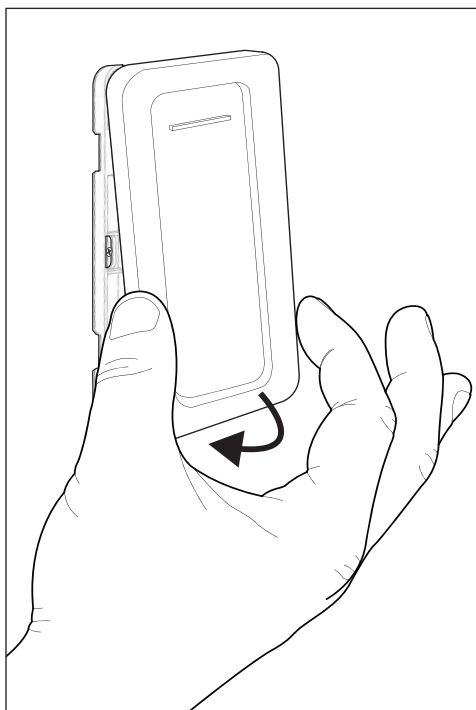
Insert a flat-head screwdriver into the slot in the stand and lift the front magnetic bracket to open it.



Place the rear magnetic bracket on the surface, making sure the arrows are pointing upwards, then secure it firmly with two screws.

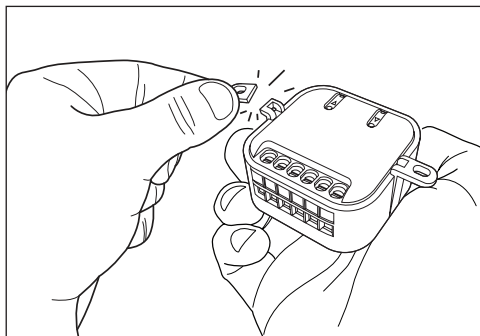


Align the front magnetic bracket with the 4 clips and press firmly forwards until you hear a **"click"**.



F- INSTALLING THE SHUTTER MODULE INCLUDED IN THE KIT (REF. 701102 - 701101)

To fit the module into a flush-mounted box, remove the mounting brackets.

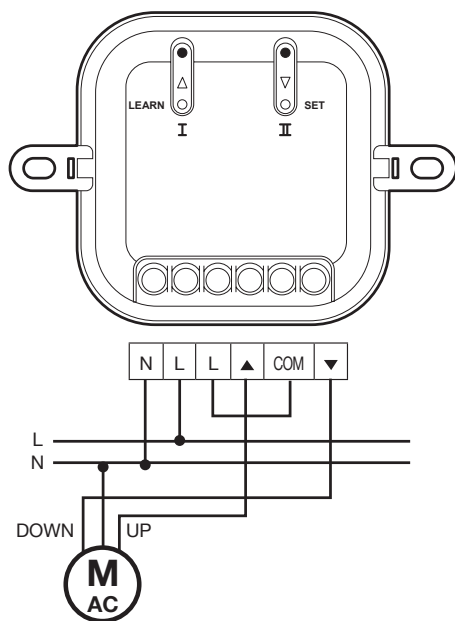


1. WIRING

Before carrying out any work on the electrical circuit, it is essential to switch off the main power supply at the property's main circuit breaker. Any work carried out on the electrical circuit carries a risk of electric shock and fire. If in doubt, consult a professional. Prepare the electrical conductors in accordance with standard NF C 15-100.

230 V motor

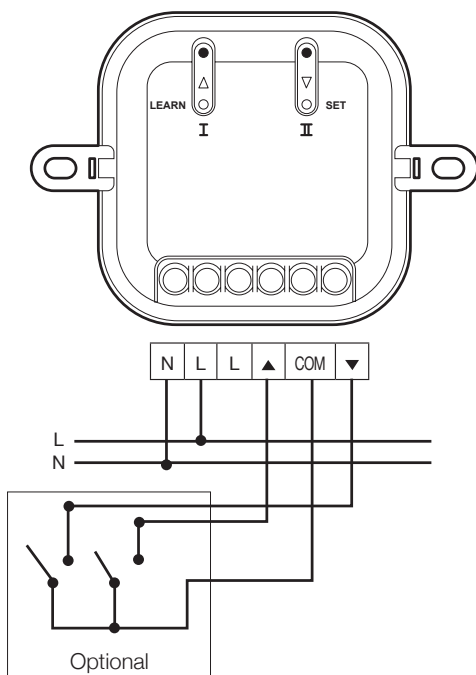
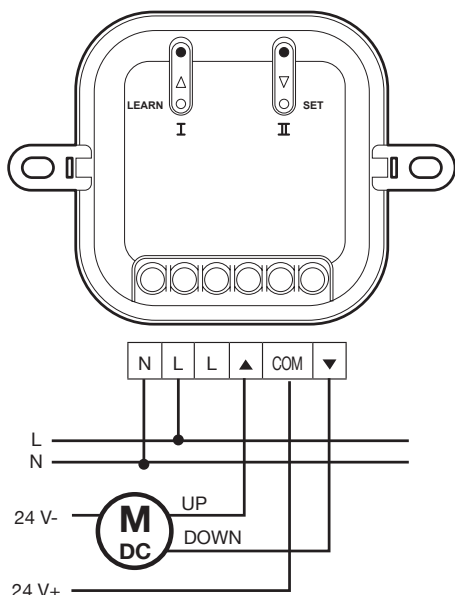
1. Connect the live wire to terminal **[L]** on the module.
2. Connect the neutral wire to terminal **[N]** on the module.
3. Fit a jumper between the **[Com]** and **[L]** terminals on the module.
4. Connect the motor's two live wires to terminals **[▲ ▼]** on the module:
 - ▲ for up
 - ▼ for down
5. Connect the neutral wire to the motor.
6. Tighten the terminal screws securely.
7. Restore the power supply, then pair the device with the remote control and programme the module.



24 V motor

1. Connect the live wire to terminal **[L]** on the module.
2. Connect the neutral wire to terminal **[N]** on the module.
3. Connect the two motor control wires to terminals **[▲ ▼]** on the module:
 - ▲ for up
 - ▼ for down
4. Connect the 24V+ wire to the **[COM]** terminal on the module.
5. Connect the 24V- wire to the motor.

6. Tighten the terminal screws securely.
7. Restore the power supply, then pair the device with the remote control and programme the module.

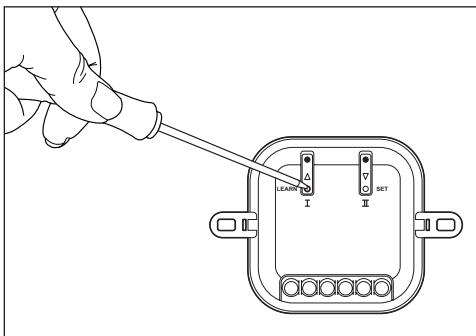


Dry contact (potential-free contact)

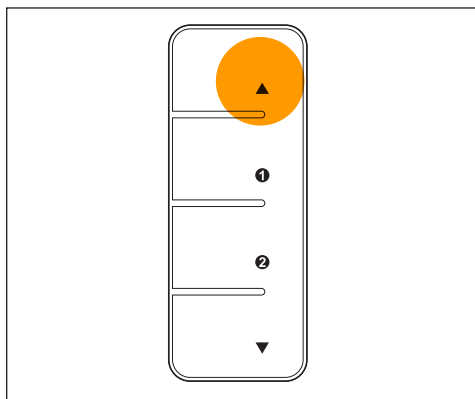
1. Connect the live wire to terminal **[L]** on the module.
2. Connect the neutral wire to terminal **[N]** on the module.
3. Connect the two control wires and the common (COM) wire from the device to the **[▲ ▼ and COM]** terminals on the module:
 - ▲ for up
 - ▼ for down
4. Tighten the terminal screws securely.
5. Restore the power supply, then pair the device with the remote control.

G - PROCEDURE FOR PAIRING THE MODULE WITH THE REMOTE CONTROL INCLUDED IN THE KIT (REF. 701102)

Press the **“Learn”** button on the receiver module once.
The module's LED indicator will start flashing, confirming it has entered learning mode.



Within the next 6 seconds, press the **UP** or **ON** button on your remote control.



The shutter module will receive the signal from the remote control and the LED indicator will flash rapidly to confirm pairing has been successful.

IMPORTANT:

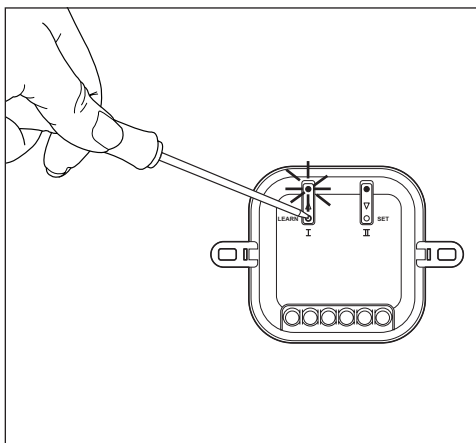
If no signal is received from the remote control within 12 seconds, the module will automatically exit learning mode.

To exit learning mode manually, press the **“Learn”** button again.

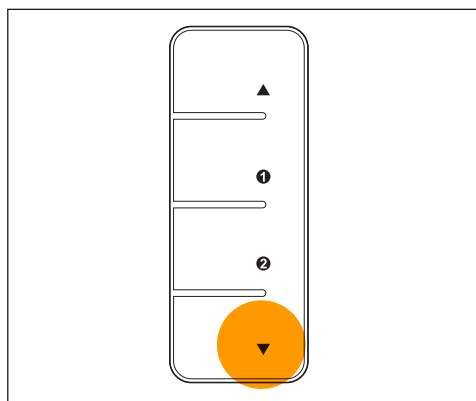
H - PROCEDURE FOR UNPAIRING THE MODULE FROM THE REMOTE CONTROL INCLUDED IN THE KIT (REF. 701102)

Press the **“Learn”** button on the receiver module once.

The module's LED indicator will start flashing, confirming it has entered learning mode.



Within the next 6 seconds, press the **DOWN** or **OFF** button on your remote control.



The shutter module will receive the signal from the remote control and the left LED indicator will flash rapidly to confirm deletion has been successful.

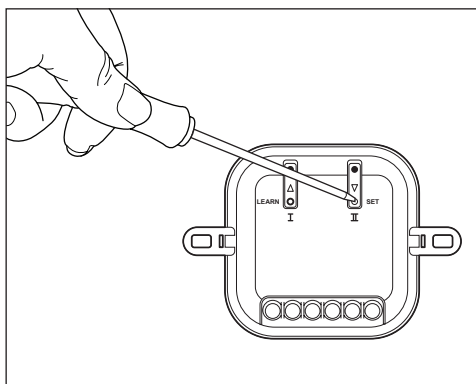
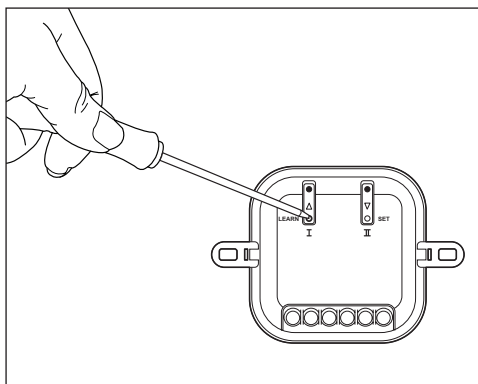
I - PROCEDURE FOR CLEARING THE ENTIRE MEMORY OF THE SHUTTER MODULE

Press and hold the **“Learn”** button on the receiver module for 6 seconds. The left LED indicator will flash during this time.

Release the **“Learn”** button and press the **“Learn”** button again.

All remote controls and data stored in the module will be deleted.

NOTE: This operation will completely clear the module's memory. You will need to re-pair all your remote controls after doing this.



Setting the Lower Limit:

To set the lowest position for your roller shutter, start by pressing the **DOWN** (or **OFF**) button once – on the remote control or directly on the shutter module ▼. This initial press will activate the motor and lower the shutters to their lowest position.

J - MOTOR CALIBRATION

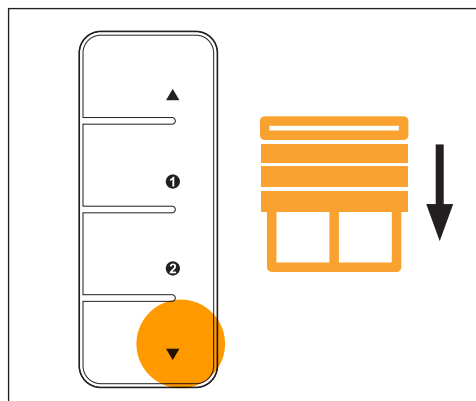
There is a wide variety of motorised shutters, curtains and fittings available on the market. To ensure optimum performance, the shutter module is equipped with a calibration function.

To ensure the shutters are positioned correctly, you must first set the maximum and minimum levels for the shutters.

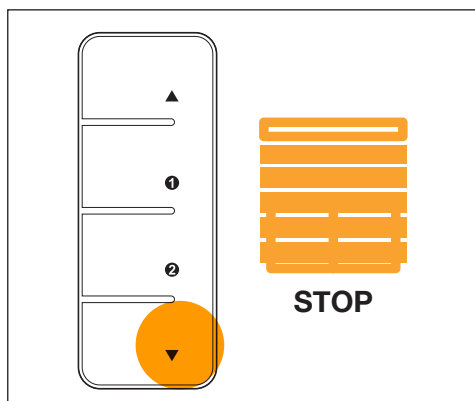
IMPORTANT: Before starting to calibrate the motor, make sure the shutters are in the fully open position (top position).

The first step is to activate calibration mode. To do this, please press and hold the **SET** button on the shutter module for 3 seconds.

Both LED indicators flash rapidly, indicating that the system has entered Manual Calibration Mode.



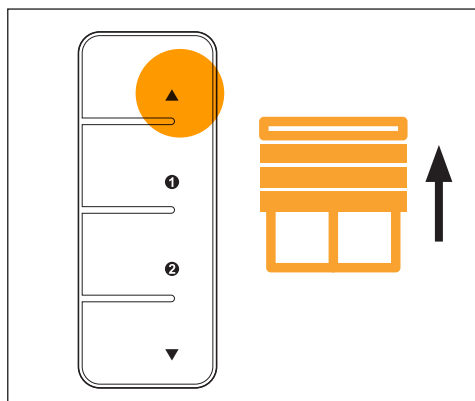
Wait until the shutters have come to a complete stop. Once the shutters have reached their end position and come to a complete stop, you must immediately press the **DOWN** (or **OFF**) button again on the remote control or directly on the shutter module ▼.



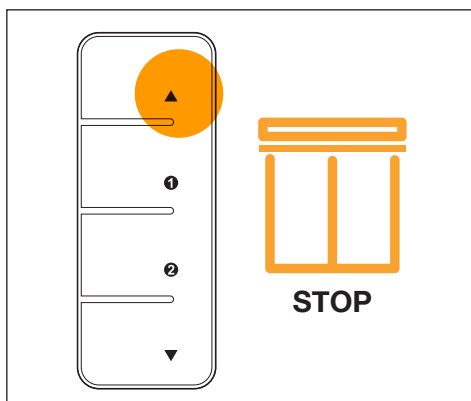
This second press will enable the system to record the exact time taken for the motor to move to this lower position.

Setting the Upper Limit:

To set the highest position for your roller shutter, follow the same procedure by pressing the **UP** (or **ON**) button on the remote control or shutter module once ▲. The motor will then activate the shutters and raise them to their highest position. Wait until the shutters have come to a complete stop and reached their final position.



As soon as the movement has stopped, press the **UP** (or **ON**) button again without delay, on the remote control or directly on the shutter module ▲.



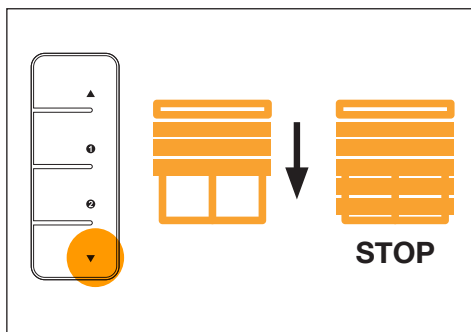
This second press will enable the system to record the exact time taken for the motor to travel to this upper position.

Once you have finished setting both limits, you need to save all the settings you have just configured. To do this, press and hold the **SET** button on the shutter module for 3 seconds. This action will save all calibration data to the system memory and will allow you to exit configuration mode.

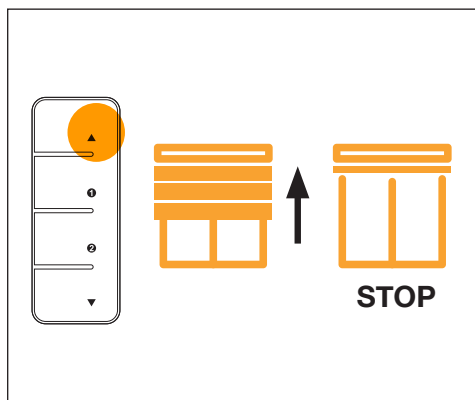
NOTE: Please note that if no signal is sent to the receiver within 30 seconds, the system will automatically exit configuration mode, even if you have not completed all the steps.

K- OPENING/CLOSING OPERATION

By pressing the **DOWN** (or **OFF**) button on the remote control once. The motor will then activate the shutters and lower them to their lowest position. Wait until the shutters have come to a complete stop and reached their final position.



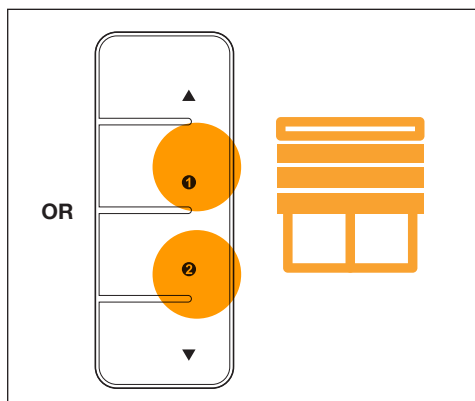
By pressing the **UP** (or **ON**) button on the remote control once. The motor will then activate the shutters and raise them to their highest position. Wait until the shutters have come to a complete stop and reached their final position.



NOTE: You can stop the motor by pressing the same button again.

L- SETTING UP AND USING SCENES

To configure a scene on your module – for example, if you want to create a scene with a halfway up position. Start by using control buttons [▲ ▼] to adjust your roller shutters to the desired position.

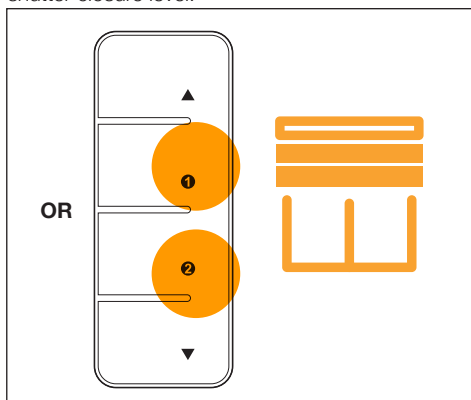


Once you have reached the desired position, press and hold **button 1** or **button 2** for three consecutive seconds. This action saves the scene to the module's memory. You will know that configuration has been successful when the LED indicator on the

remote control flashes rapidly, confirming that the scene has been correctly saved to the system. If you want to edit a scene you've already saved, the process is very simple. You simply need to repeat the same steps: first, reposition your roller shutters to the new desired position.

Then press and hold **button 1** or **button 2** again for three seconds. The new configuration will automatically replace the previously saved scene.

Example: To change the position saved under button 1 (previous scene set to 90% shutter closure), move the shutters to the new desired position first, e.g. 50%. Next, press and hold **button 1** for 3 seconds. The remote control will flash to confirm that the new scene has been saved. The new scene saved under **button 1** is 50% shutter closure level.

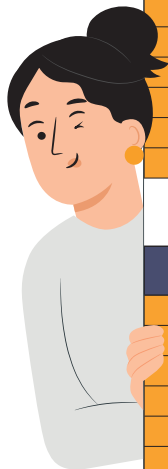


To recall a scene you have previously configured, simply press **button 1** or **button 2** once. A single press of this button will immediately activate the roller shutter position you saved when configuring the scene.

NOTE: If, after using your roller shutters several times, you notice that they are not positioned correctly when you recall a scene, they may need to be recalibrated. To do this, open your roller shutters fully until they reach the highest possible position, then close them completely to the lowest position. This procedure will enable the system to reset the reference points and correctly recalibrate the roller shutters' positions.



M - TECHNICAL SPECIFICATIONS



TECHNICAL SPECIFICATIONS OF THE MODULE	
INSTALLATION	230 V-50 Hz
FREQUENCY	Receiver: 433.92 MHz
MAX. POWER	1000W *2 (resistive load)
USE	Indoor
DIMENSIONS	Height: 48 mm x Length 48 mm x Thickness: 24 mm
WEIGHT	40 g
OPERATING TEMPERATURE RANGE	0 to 35°C
STANDBY CONSUMPTION	<1 W
STANDARD AND CERTIFICATION	CE, RoHS

TECHNICAL SPECIFICATIONS OF THE REMOTE CONTROL	
DISTANCE	50 m in open space
FREQUENCY	433.92 MHz
MAX RADIO POWER	ERP 10 dBm
USE	Indoor
INSTALLATION	Wall
CONTROL	1 Up button, 1 Down button and 2 scene buttons
POWER SUPPLY	Runs on one 3 V CR2032 battery (included).
REMOTE CONTROL DIMENSIONS	Height 110 mm x Width 60 mm x Thickness 14 mm
WEIGHT	60 g
OPERATING TEMPERATURE RANGE	0 to 35°C
STANDARD AND CERTIFICATION	CE, RoHS

N - FAQ

THE SHUTTERS HAVE STOPPED MOVING OR WON'T MOVE AT ALL.	Power supply	Make sure the module is properly plugged into the mains.
	Remote control	Check the battery for signs of wear and ensure that the correct polarity (+/-) is observed when inserting it.
	Safety distance	To avoid any interference, keep a minimum distance of 1 to 2 metres between two devices operating at 433 MHz.
	Signal range	The maximum range between the remote control and the socket may be reduced by thick walls or other wireless equipment (WiFi, Bluetooth) nearby.

O - WARRANTY

1 - WARRANTY

- The warranty is void if parts have been dismantled. Clean the outside with a soft, dry cloth only. Before cleaning, disconnect or switch off the device.

PLEASE NOTE

- Do not use any carboxylic acid, alcohol, or similar chemicals on the product. In addition to damaging your device, the fumes are also hazardous to your health and are explosive.
 - Do not use any tool that can conduct voltage (wire brush, sharp tool, etc.) for cleaning.
- If needed, visit our technical website: [**www.avidsen.com**](http://www.avidsen.com)

Download the latest version of the instructions in colour from: [**www.avidsen.com**](http://www.avidsen.com)

2 - WARRANTY CONDITIONS

- This product is guaranteed for parts and labour in our workshops.
- The warranty does not cover: consumables (batteries, etc.) and damage caused by misuse, improper use, improper installation, external intervention, damage due to physical or electrical shocks, dropping or atmospheric phenomena.
- Do not open the device, as this will void the warranty.
- Clean with a soft cloth only, no solvents. The warranty is void if parts have been dismantled. Clean the outside with a soft dry cloth only. Before cleaning, disconnect the equipment or switch it off at the mains.
- The receipt or invoice is proof of purchase date.

If you experience any issues, please visit:
www.avidsen.com — Support section

P - DECLARATION OF CONFORMITY



Avidsen, undersigned, states that radio equipment
such as the EXTEL CASA 701101 - 701102 is
compliant with Directive 2014/53/EU

Standards:

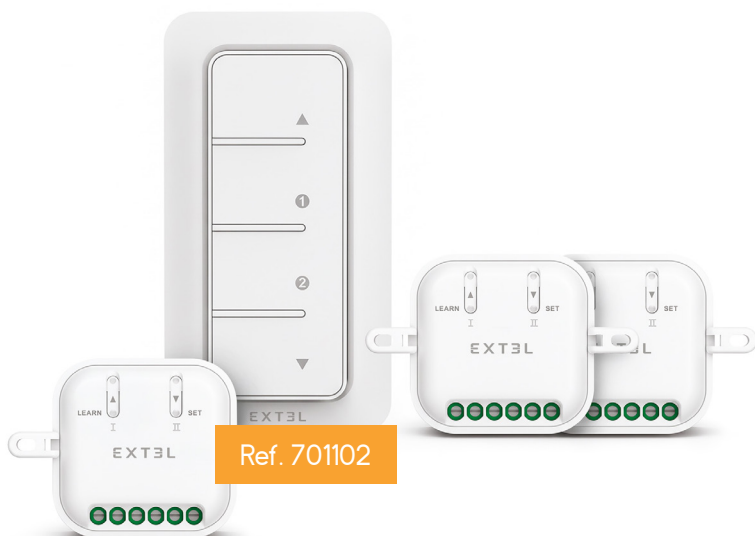
Roller shutter module

EN 62479:2010
EN 50663:2017
EN 60669-1:1999+A1:2002+A2:2008
EN 60669-2-1:2004+A1:2009+A12:2010
EN 301 489-1 V2.2.3 (2019-11)
EN 301 489-3 v2.1.1 (2019-03)
EN 55015:2019
EN 61000-3-2:2019
EN 61000-3-3:2013+A1:2019
EN 61547:2009
EN 300 220-1 V3.1.1 (2017-02)
EN 300 220-2 V3.2.1 (2018-06)

Remote control

EN 62479:2010
EN 62368-1:2014+A11:2017
EN 301 489-1 V2.2.3 (2019-11)
EN 301 489-3 V2.1.1 (2019-03)
EN 300 220-1 V3.1.1 (2017-02)
EN 300 220-2 V3.2.1 (2018-06)

Tours, 18/06/2026
Alexandre Chaverot, CEO



Ref. 701102



Ref. 701101

EXTEL

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