



EXT3L

V1

1000 W lighting module kit with switch

Ref. 701204

EN



CASA



HOTLINE

2 YEARS
WARRANTY

INSTALLATION AND USER MANUAL



Thank you for purchasing
the **Extel CASA 433
MHz** lighting module
with switch.

A - SAFETY INSTRUCTIONS

1 - OPERATING PRECAUTIONS

- Do not allow children to operate 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.
- 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!

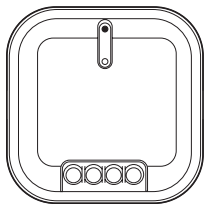


This symbol means that devices no longer in use should not be disposed of with household waste. The hazardous substances they may contain can be harmful to health and the environment. Return the equipment to your local distributor or use the recycling collection service provided by your local council.

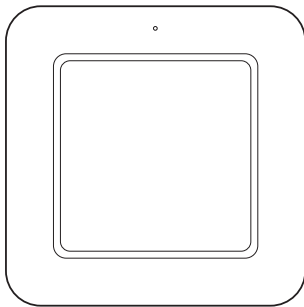


B - KIT CONTENTS

1 x1



2 x1



3 x2



4 x2



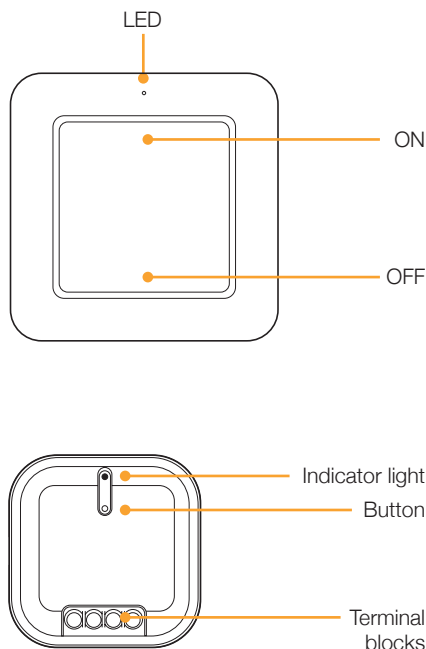
5 x1



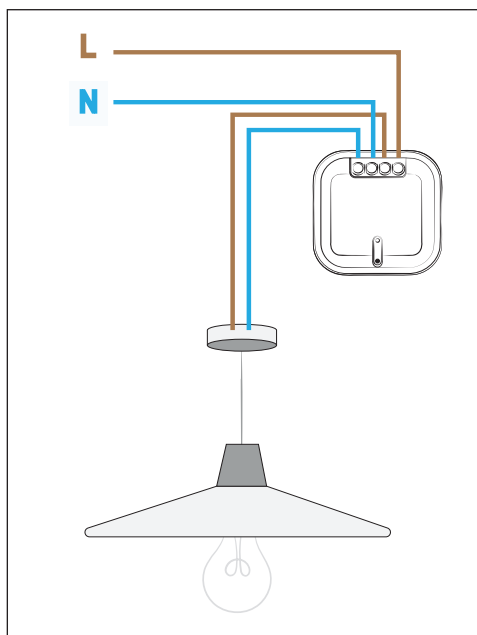
1	Lighting module
2	Wireless wall-mounted switch
3	Mounting screws
4	Double-sided tape
5	CR2032 battery



C - PRODUCT DESCRIPTION



2. Connect the wires: Connect the wiring as shown below.



D- INSTALLING THE MODULE

Warning: Risk of electric shock. If in doubt, or if you are not a qualified professional, please call upon a technician or expert before carrying out any work. Do not attempt to intervene unless you are fully familiar with the safety procedures.

Remember: The load on your lighting circuit must be compatible with the module's specifications. To check compatibility, please refer to the **"Technical Specifications"** section.

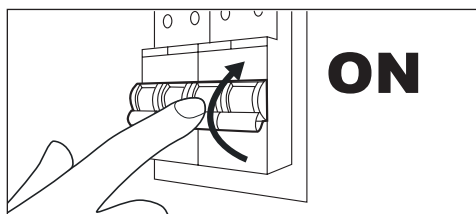
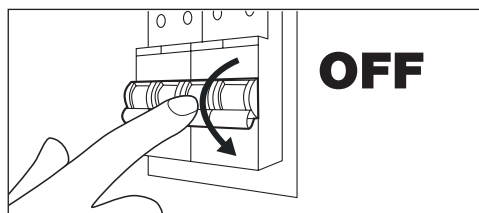
1 - Before installing the module, switch off the power supply at the main electrical panel.

Live/ Neutral

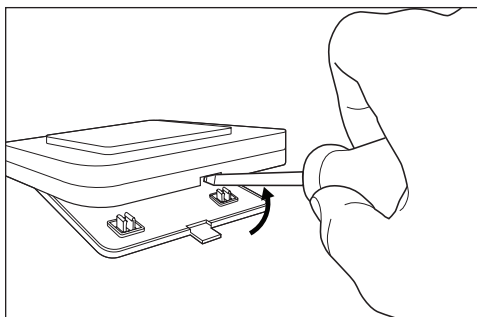
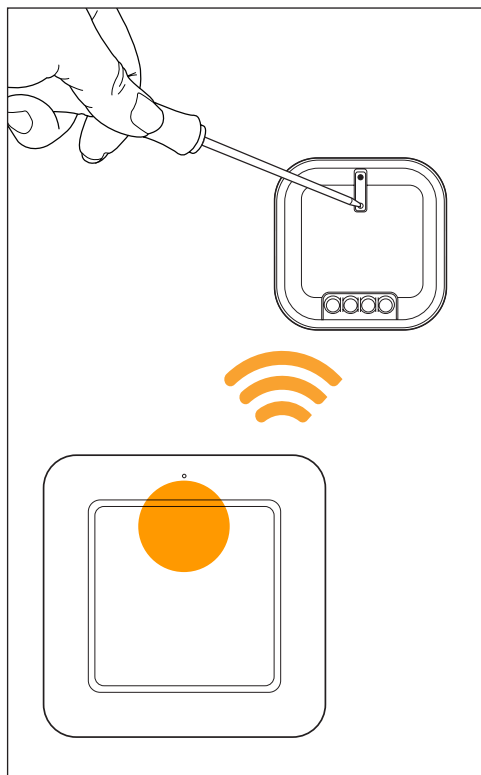
- Connect the live wire to terminal **L** on the module.
- Connect the neutral wire to terminal **N** on the module.
- Connect the load's live wire to terminal **L** on the module.
- Connect the load's neutral wire to terminal **N** on the module.
- Tighten the terminal screws.

3. Switch on the power (main electrical panel) to continue with the installation.

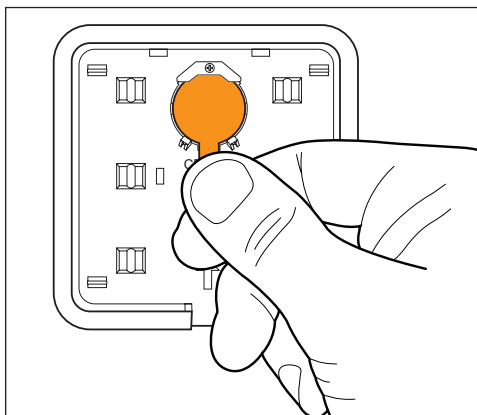
PLEASE NOTE: Risk of electric shock! Do not touch any bare wires or metal parts.



4. Pair the switch with the module. See the section below: **“PROCEDURE FOR PAIRING AND UNPAIRING THE SWITCH WITH/FROM THE MODULE”**.



Remove the battery insulating tape.
(To be done only on first use).



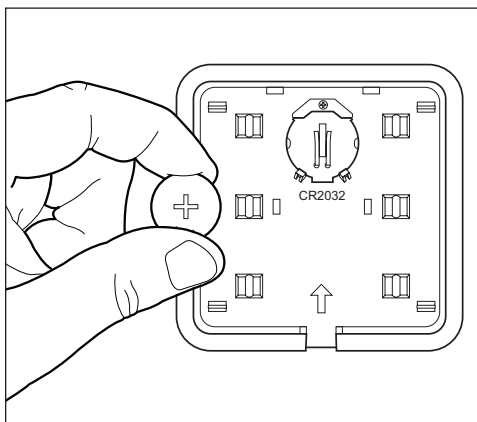
Or replace it with a new 3 V CR2032 battery, making sure the positive terminal is pointing up.

E - FITTING THE BATTERY INTO THE SWITCH

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

Note: The red LED will flash once every 4 seconds to indicate that the battery is low.

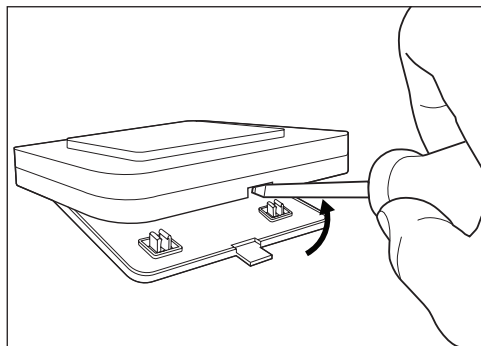
Using a flat-head screwdriver, gently insert it into the slot at the bottom, then lift the rear panel to open it. And remove the rear panel.



F- FITTING THE SWITCH BRACKET

The wireless wall-mounted switch can be installed in two different ways.

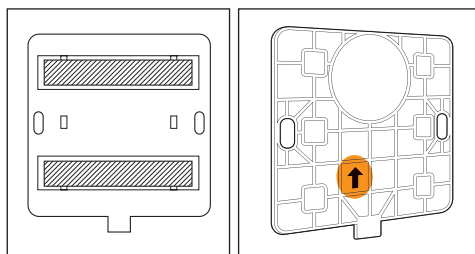
Using a flat-head screwdriver, gently insert it into the slot at the bottom, then lift the rear panel to open it. And remove the rear panel.



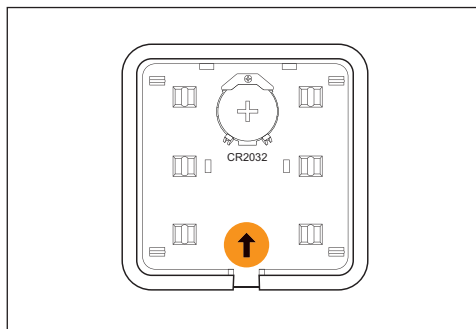
Method 1: Using the double-sided tape included in the accessory kit.

1. Position the adhesive tape correctly on the back.
2. Stick the double-sided tape to the back of the bracket and attach the rear cover to the desired position in your home. The contact surface must be clean and flat.

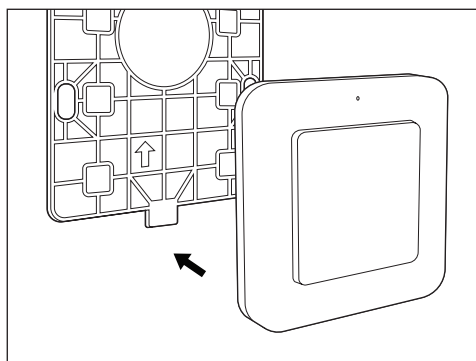
Note: Please make sure the arrow engraved on the bracket is pointing up.



There is also an arrow behind the switch. Make sure both arrows are pointing up.

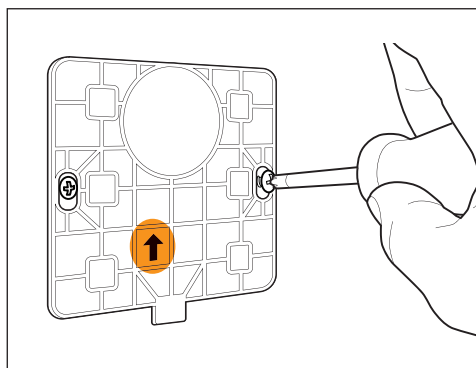


Align the switch with the bracket and apply gentle pressure until you hear several clicks.

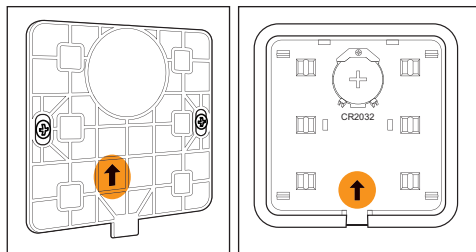


Method 2: Secure using the 2 screws included in the accessory kit

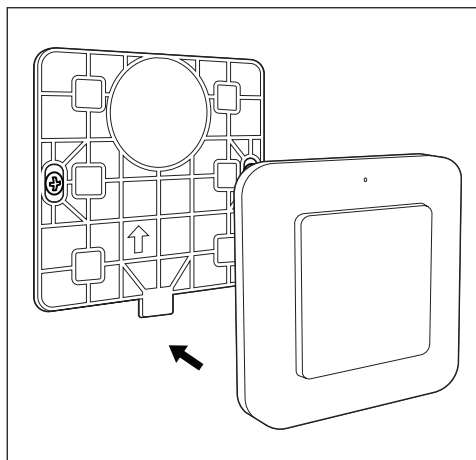
Position the rear bracket on your wall, making sure the arrow is pointing up, then secure it firmly using the 2 screws.



There is also an arrow behind the switch. Make sure both arrows are pointing up.



Align the switch with the bracket and apply gentle pressure until you hear several clicks.

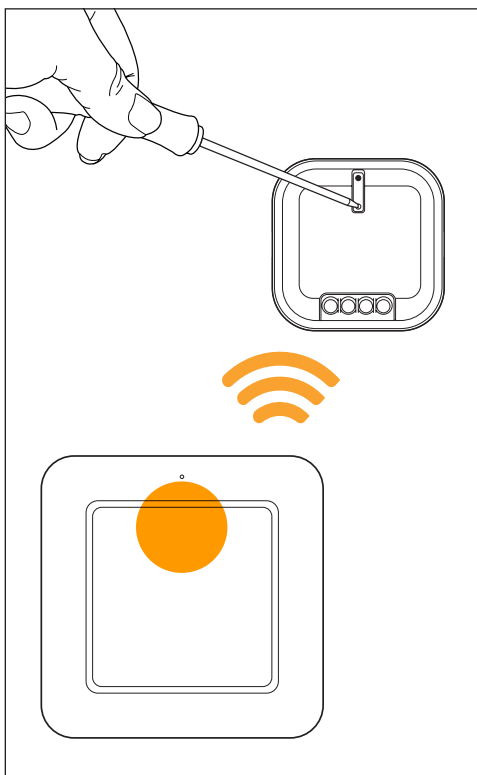


G - PROCEDURE FOR PAIRING AND UNPAIRING THE SWITCH WITH/FROM THE MODULE

1. To pair the switch with the module:

1. On the module, press the button once (the LED on the module will flash). This will enable learning mode.

2. On the wireless wall-mounted switch, press the **“ON”** button once to pair it; the green LED will flash once and the LED on the module will flash twice to confirm that pairing has been successfully completed.



2. To unpair the switch from the module:

1. On the module, press the button once (the LED on the module will flash). This will take you into learning mode.

2. On the wireless wall-mounted switch, press the **“OFF”** button once to unpair the module and the switch. The red LED will flash twice and the LED on the module will flash twice to confirm that the switch has been deleted from the module's memory.

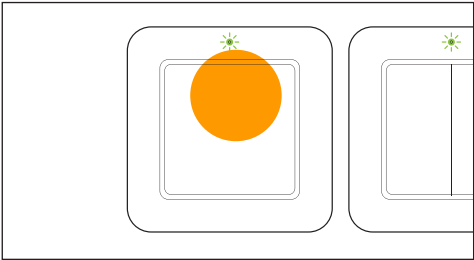
H - SWITCH OPERATION

1. Meaning of the LED colours on the switch.

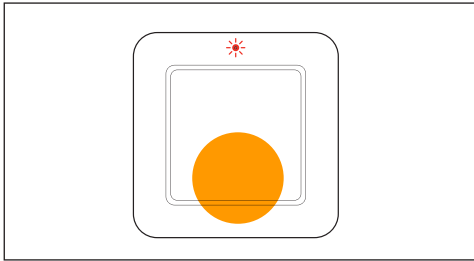
LED STATUS	MEANING
The LED flashes once every 4 seconds.	Low battery
The LED flashes red twice	Off
The LED flashes green once	On
The LED flashes green quickly	Setting the timer

2. On/off operation

Switching on the paired module: Press the **ON** button once. The green LED flashes once.



Switching off the paired module: Press the **OFF** button once. The red LED flashes twice.



2. Timer function

The delay timer allows the connected module to switch off automatically after a predetermined period. When the module is switched on, the countdown starts immediately and the module switches off automatically when the selected time reaches zero. You can switch this function off at any time by pressing the **OFF** button. In this case, the next time the power is switched on, the timer will restart from the beginning according to the selected setting.

There are six time delays available: no delay (0), 5 seconds, 1 minute, 10 minutes, 30 minutes and 60 minutes.

The selected mode is indicated by the LED. When the timer is set to 0s, the LED flashes once at each interval. For 5 seconds, it flashes twice; for 1 minute, three times; for 10 minutes, four times; for 30 minutes, five times; and for 60 minutes, six times. The number of flashes therefore makes it easy to identify the active duration.

Accessing timer configuration mode

To access timer configuration mode, press and hold the **ON** and **OFF** buttons simultaneously for three seconds. The green LED will start to flash, with the number of flashes indicating the currently selected delay mode. To change this setting, press the **ON** button to increase the duration in successive increments, or the **OFF** button to decrease it. Once you have selected the desired duration, press and hold the **ON** and **OFF** buttons again for three seconds. The green LED flashes quickly to confirm that the setting has been saved.

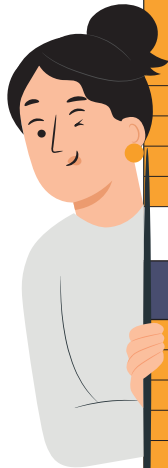
Note: If no action is taken for 16 seconds, configuration mode will close automatically and the change will not be saved.

Example configuration for a timer with a 1-minute delay (0 to 1 minute)

1. Press and hold the **ON** and **OFF** buttons for 3 seconds. The green LED will flash once between each interval
2. Press the **ON** button once to move on to the next step (5 s). The green LED will flash twice between each interval. Press the **ON** button again to move to the next timer setting (1 min); the green LED will flash three times.
3. Press and hold the **ON** and **OFF** buttons for 3 seconds to save the 1-minute delay timer; the LED will flash quickly to confirm that the timer has been set.



I - TECHNICAL SPECIFICATIONS



TECHNICAL SPECIFICATIONS OF THE MODULE	
INSTALLATION	Flush-mounted
FREQUENCY	Receiver: 433.92 MHZ
MAX. POWER	1000 W (resistive load)
USE	Indoor
MAX. POWER	Incandescent: 1000 W LED: 200 W Halogen: 1000 W Compact fluorescent: 100 W Not compatible with dimmable bulbs/lamps.
DIMENSIONS	Height 47 mm x Width 47 mm x Thickness 24.5 mm
WEIGHT	20 g
OPERATING TEMPERATURE RANGE	0 to 35°C:
STANDARD AND CERTIFICATION	CE, RoHS

TECHNICAL SPECIFICATIONS OF THE SWITCH	
DISTANCE	50 m in open space
FREQUENCY	433.92 MHZ
MAX RADIO POWER	ERP 10 dBm
USE	Indoor
OPERATION	ON/OFF or with a delayed OFF function of 5 seconds, 1 minute, 10 minutes, 30 minutes or 60 minutes. Red and green LED indicators show the various operating states. The switch has a low-battery indicator.
POWER SUPPLY	Runs on one 3 V CR2032 battery (included).
INSTALLATION	Surface mounted
DIMENSIONS	Height 80 mm x Width 80 mm x Thickness 15 mm
WEIGHT	60 g
OPERATING TEMPERATURE RANGE	0 to 35°C:
STANDARD AND CERTIFICATION	CE, RoHS

J - 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

K - DECLARATION OF CONFORMITY



Avidsen, undersigned, states that radio equipment such as the EXTEL CASA 701204 is compliant with Directive 2014/53/EU

Standards:

Module

EN IEC 55015:2019+A11:2020
EN IEC 61000-3-2:2019+A2:2024
EN 61000-3-3:2013+A2:2021
EN IEC 61547:2023
ETSI EN 300 220-1 V3.1.1 (2017-02)
ETSI EN 300 220-2 V3.2.1 (2018-06)
ETSI EN 301 489-1 V2.2.3 (2019-11)
ETSI EN 301 489-3 V2.3.2 (2023-01)
EN 50663:2017
EN 62479:2010
EN 60669-1:2018/AC:2020-02
EN IEC 60669-2-1:2022/A11:2022

Switch

EN IEC 62368-1:2020+A11:2020
EN 50663:2017
EN 62479:2010
ETSI EN 301 489-1 V2.2.3 (2019-11)
ETSI EN 301 489-3 V2.3.2 (2023-01)
ETSI EN 300 220-1 V3.1.1 (2017-02)
ETSI EN 300 220-2 V3.2.1 (2018-06)

Tours, 15/07/2026
Alexandre Chaverot, CEO



EXT3L

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