



EXT3L

V1

2-way lighting module kit 250 W - With transmitter module

Ref. 701201

EN



CASA



HOTLINE

2 YEARS
WARRANTY

INSTALLATION AND USER MANUAL



Thank you for
purchasing a **CASA**
2-way kit.

1 - OPERATING PRECAUTIONS

- Do not allow children to operate the product.
- This product is designed exclusively for indoor use.
- This product is designed for use with EXTEL CASA products.
- Electrical installation must meet current standards (NFC 15-100) and should preferably be done by a qualified person.
- 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!

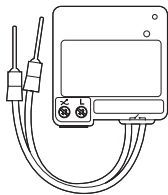


This symbol means that devices no longer in use should not be disposed of with household waste. The hazardous substances they may contain can be harmful to health and the environment. Return the equipment to your local distributor or use the recycling collection service provided by your local council.

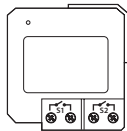


B - KIT CONTENTS

1 x1



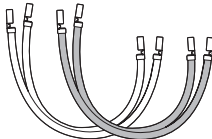
2 x1



3 x1



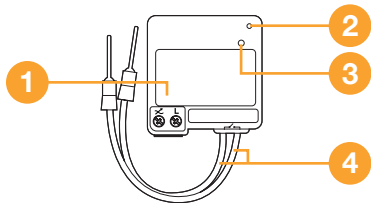
4 x2



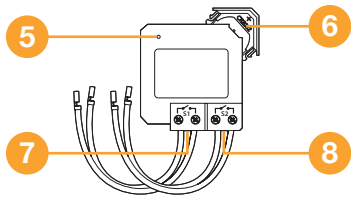
1	Receiver module
2	2-channel transmitter module
3	CR2032 battery
4	Connection wires for the transmitter module



C - PRODUCT DESCRIPTION



1	Power supply terminals
2	LED indicator
3	Button
4	Pilot wires



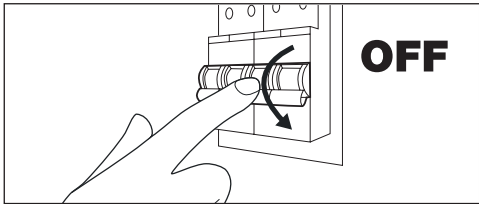
5	LED indicator
6	Battery housing
7	Channel 1
8	Channel 2

C - INSTALLING THE RECEIVER MODULE

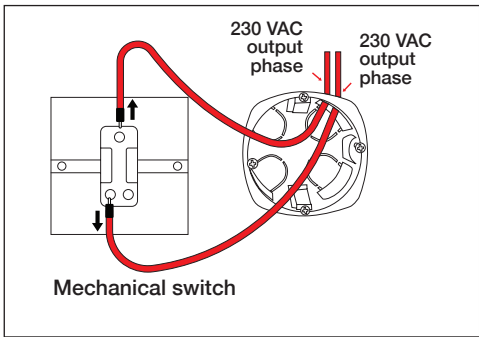
Warning: Risk of electric shock. If in doubt, or if you are not a qualified professional, please call upon a technician or expert before carrying out any work. Do not attempt to intervene unless you are fully familiar with the safety procedures.

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.

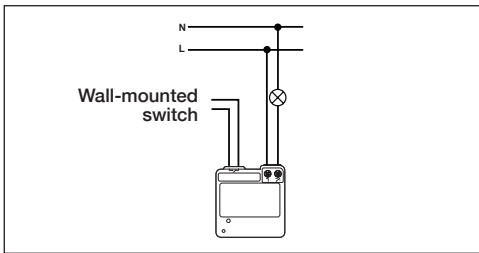
1. Before installing the module, switch off the power supply at the main electrical panel.



2. Disconnect the live wires from the terminals on the mechanical switch.

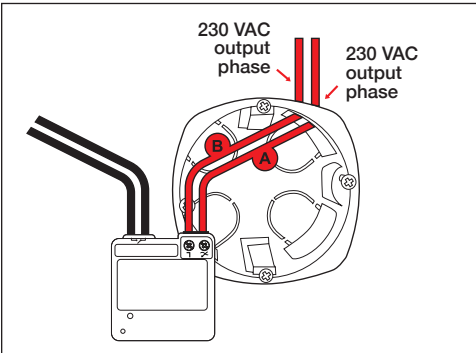


3. Connect the wires to the module as shown in the diagram below:

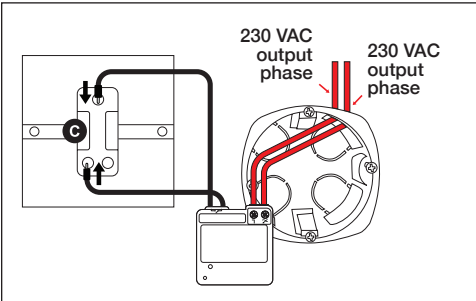


A - Connect the live wire from the load (lamp) to terminal $\times$.

B - Connect the 230 V AC live wire (mains supply) to terminal L on the module.



C - Connect the two wires from the module to the terminals on the mechanical switch. Do not connect any voltage (230 V or other) to the contacts between the mechanical switch and the module.



4. Tighten all the terminal screws securely.

Note: do not reinstall the wall-mounted switch or restore the power supply.

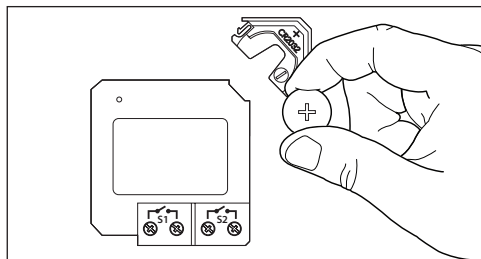
D - INSTALLING THE TRANSMITTER MODULE

This transmitter module can be used with any wall-mounted switch and fitted into a flush-mounting box (without 230 V mains connection).

It allows you to keep your existing wall-mounted switch. It has 2 independent channels. You can use one of the channels to control the module that controls the light fixture, and the other channel to control other products in the CASA range.

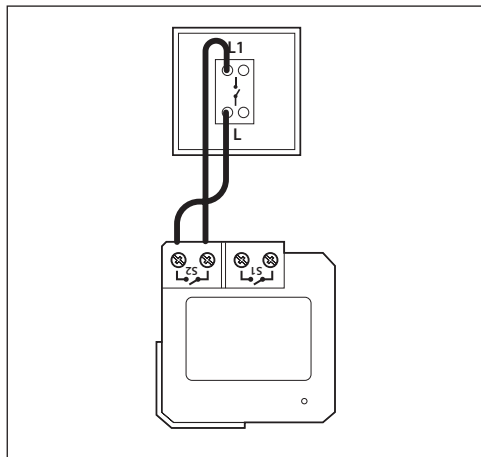
1 - CONNECTING 1 CHANNEL

Insert the CR2032 battery into the module.



Install the module behind the wall-mounted switch using the cables included in the kit.

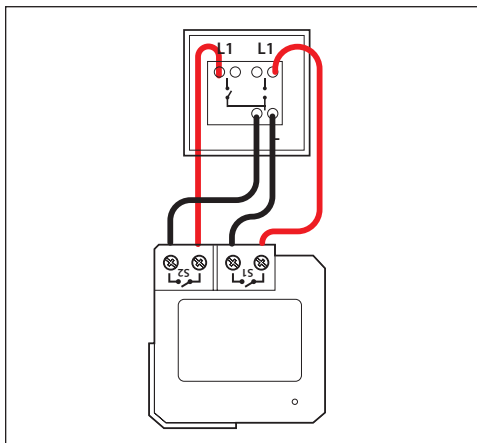
Note: Do not connect to the mains (230 V).



2 - 2-CHANNEL CONNECTION

The module has 2 independent channels, allowing the two buttons on a double switch to be used separately.

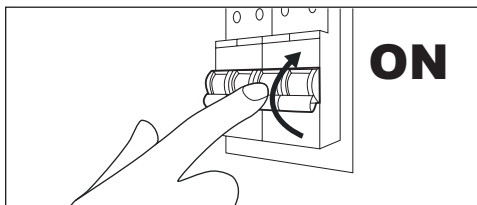
- Insert the CR2032 battery into the module.
- Fit the module behind the wall-mounted switch.
- Do not connect to the mains (230 V).
- Connect only the switch wires to the grey wires included in the kit.



F - PAIRING THE MODULES

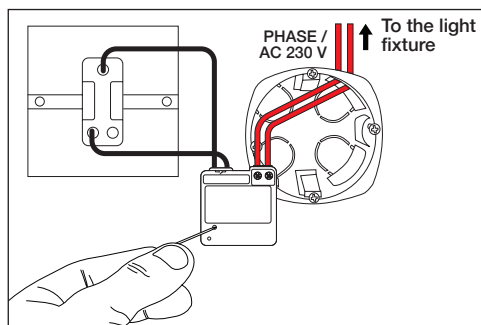
1. Restore the power supply to pair the module.

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

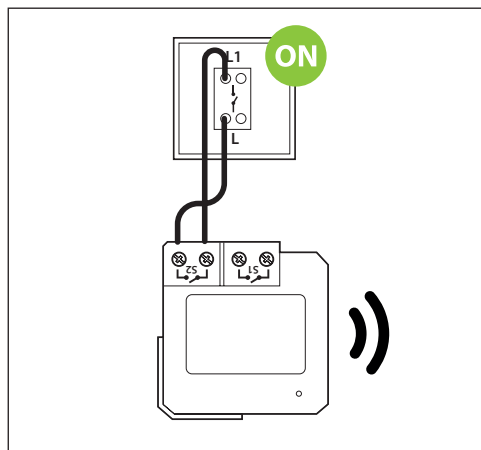


Important: The load (lamp) must be in the "OFF" position during "pairing" and "unpairing" operations.

2. Press the button on the lighting module once (the LED will flash) to enter learning mode.



On the wall-mounted switch, where the transmitter module (black) is located, press the “ON” button. The light fixture will flash twice to confirm that the modules have been paired.



NOTE: learning mode lasts for 12 seconds; if no signal is sent to the receiver, it will automatically exit learning mode without having paired the transmitter module.

Note: To exit learning mode manually, simply press the button on the receiver module again.

G - POSSIBLE OPERATION ON THE MECHANICAL SWITCH FITTED WITH THE RECEIVER MODULE

ON/OFF function:

Press the “ON” button on the mechanical switch fitted with the transmitter. The light fixture comes on gradually.

Press the “OFF” button on the mechanical switch fitted with the transmitter. The light fixture gradually goes out.

Note: When the load is first switched on by the transmitter module and then switched off by the receiver module. In order for the wall-mounted transmitter module to switch the light fixture back on (“ON”), you must first set the wall-mounted switch to OFF and back to ON again.

H - POSSIBLE OPERATION ON THE MECHANICAL SWITCH FITTED WITH THE RECEIVER MODULE

ON/OFF function:

Press the mechanical switch fitted with the receiver module once to switch the light fixture on; press it again to switch it off.

Example of use in conjunction with the transmitter module: If the lamp is switched on using the mechanical wall-mounted switch, it can then be switched off using the transmitter module. To switch the lamp back on, you can: Press the ON button on the wall-mounted switch fitted with the transmitter module OR press the button once on the mechanical wall-mounted switch fitted with the receiver module.

I - PROCEDURE FOR UNPAIRING THE TRANSMITTER MODULE FROM THE RECEIVER MODULE

Removing a device:

Important: The load (lamp) must be in the “OFF” position during “pairing” and “unpairing” operations.

1. On the receiver module (white), press the button once briefly (the LED on the module will flash) to enter learning mode.

2. On the wall-mounted switch, where the transmitter module is located, press the “OFF” button. The light fixture will flash twice to confirm that the modules have now been unpaired.

NOTE: learning mode lasts for 12 seconds; if no action is taken, it will automatically exit learning mode.

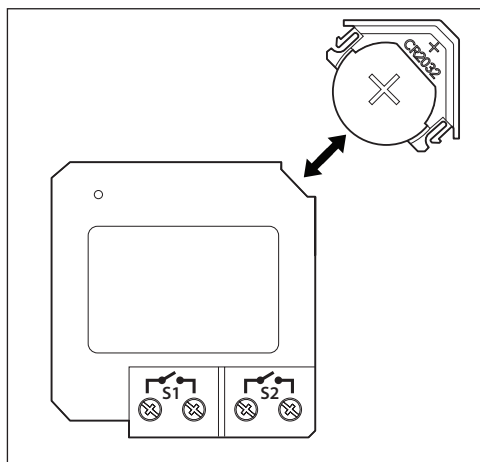
J - PROCEDURE FOR CLEARING THE RECEIVER MODULE'S MEMORY

On the receiver module, press and hold the button for 6 seconds (the LED on the module will flash quickly), release it, then press it once more. The lamp(s) will flash twice to confirm that all transmitters have been deleted from memory.

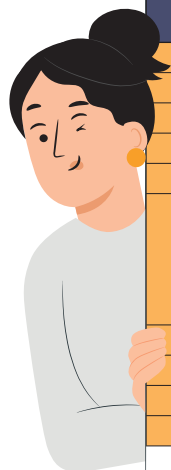
K - REPLACING THE BATTERY IN THE TRANSMITTER MODULE

When the battery is low, the transmission range decreases accordingly.

Remove the battery compartment and replace the battery with a new CR2032 battery.







LIGHTING MODULE	
INSTALLATION	Flush-mounted
FREQUENCY	Receiver: 433.92 MHz
MAX. POWER	250 W (resistive load)
POWER SUPPLY	230 V-50 Hz
USE	Indoor
MAX. POWER	Incandescent/halogen light (230 V): 3 W -250 W Non-dimmable LED lamp (230 V): 3 W -200 W 230 V non-dimmable energy-saving lamp: 3 W -200 W Electronic transformers (12 V-): 20 W -250 W Inductive transformers (12 V-): 40 W -250 W Not compatible with fluorescent lamps
DIMENSIONS	Height 42 mm x Width 45 mm x Thickness 14 mm
WEIGHT	29.5 g
OPERATING TEMPERATURE RANGE	0 to 35°C:
STANDARD AND CERTIFICATION	CE, RoHS

TRANSMITTER MODULE	
INSTALLATION	Flush-mounted
FREQUENCY	Receiver: 433.92 MHz
RADIO POWER	MAX ERP 10 dBm
DISTANCE	50 m in open space
POWER SUPPLY	3V CR2032 battery - battery included
USE	Indoor
INPUT	2 channels
DIMENSIONS	Height 46.5 mm x Width 44.5 mm x Thickness 14 mm
WEIGHT	20 g
OPERATING TEMPERATURE RANGE	0 to 35°C:
STANDARD AND CERTIFICATION	CE, RoHS

Important: Reduction in the connected load due to the power factor.

When calculating the connected load for LED bulbs (or compact fluorescent bulbs) at the module connected to the light fixture, take into account the power factor of non-dimmable LED lighting (or non-dimmable compact fluorescent bulbs). Please refer to the general calculation below for this purpose.

Rated power = number of LED light sources * (rated power of the LED bulb / power factor)

Example: 10 bulbs * (5 W per bulb / power factor of 0.8) = 62.5 watts

For non-dimmable compact fluorescent lamps, use the same calculation, taking into account the power factor when the lamp is operating at its rated power.

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

Download the latest version of the instructions in colour from: 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



Avidsen, undersigned, states that radio equipment
such as the EXTEL CASA 701201 is compliant with
Directive 2014/53/EU

Standards:

Lighting control module:

ETSI EN 300 220-1 V3.1.1 (2017-02)
ETSI EN 300 220-2 V3.3.1 (2025-03)
EN 301 489-1 V2.2.3 (2019-11)
EN 301 489-3 V2.3.2 (2023-01)
EN IEC 62311:2020
EN 50665:2017
EN IEC 55015: 2019+A11:2020
EN IEC 61547:2023
EN IEC 61000-3-2:2019/A2:2024
EN 61000-3-3:2013+A1:2019+A2:2021
EN IEC 60669-2-1:2022 used in
conjunction with EN 60669-1:2018

2-channel control module

EN IEC 62368-1:2024 + A11:2024
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 62479:2010
EN 50663:2017

Tours, 23/07/2026
Alexandre Chaverot, CEO



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