LUXION single RF433 touch switch with glass front and 1-channel RF433 remote control kit

Single RF433 touch switch with a 4 mm glass front and a 1-channel RF433 remote control, with a range of up to 30 m in open space.



CODES

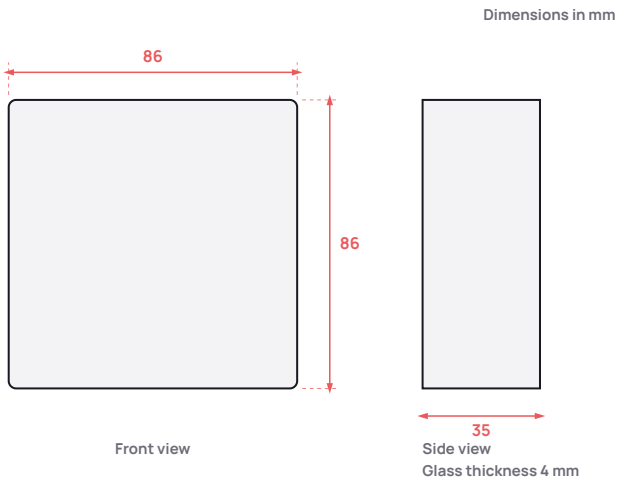
Colour	Code
White	LXD-MT-R101/WL1G-W

SPECIFICATIONS

Brand	LUXION
Category	Smart home › Remote controls
Connectivity	RF433
Product type	Kit: single RF433 touch switch with glass front + 1-channel RF433 remote control
Function	ON / OFF touch switch, RF433 remote control
Number of buttons	1
Operating voltage	110–240 V AC (maximum 250 V AC), tolerance -15% ~ +10%
Frequency	50/60 Hz
Maximum load	3–800 W/channel, 2000 W total
Suitable lamps	LED >5 W
Standby consumption	0.02 W
Protocol	RF433
RF frequency	433.92 MHz
Range	30 m in open space / 6 m in real-world conditions (reduced by every obstacle or electronic interference)
Compatibility	Luxion RF433 remote controls, LUXION RF key-fob remote control (sold separately)
LED indicator	Blue when the light is on, dim blue

Front material	Heat-resistant crystal safety glass
Glass thickness	4 mm
Base material	Flame-retardant PVC plastic
Front dimensions (W × H)	86 × 86 mm
Depth	35 mm
Mounting	Flush-mounted, screw fixing
Protection rating	IP20
Operating temperature	-20 °C ~ +70 °C
Operating humidity	10% ~ 93% (non-condensing)
Service life	100,000 operations
Remote control – dimensions	86 × 86 × 13 mm
Remote control – material	4 mm safety glass front
Remote control – power supply	CR2032 battery (not included)
Remote control – transmit power	10 dB
Package contents	Single RF433 touch switch, 1-channel RF433 remote control (without battery)
Colours	white

DIMENSION DRAWING



DESCRIPTION

LUXION switches stand out for their compact, elegant and minimalist design. They are versatile in use, and the touch sensor is extremely precise, the same as that of a smartphone. The construction is durable and

The single switch is controlled with the RF433 remote control, with a range of 30 metres in open space and 6 metres in real-world conditions (the range is reduced by every physical obstacle or electronic interference).

In addition, the switch can also be controlled with the LUXION RF key-fob remote control (not included in the kit).

- Blue LED indicator when the light is on and faint blue when it is off
- Front made of 4 mm heat-resistant safety glass
- The remote control runs on a CR2032 battery, which is not included

Features

Enjoy the flexibility of the new smart switches. The LUXION RF433 single touch switch combines an elegant glass front with a compact, minimalist look.

- Compact, elegant and minimalist design
- Extremely precise touch sensor, the same as a smartphone's sensor
- Moisture-resistant – can be used in humid areas
- LED indicator: blue when the light is on, faint blue when it is off
- ON / OFF operation with a simple touch

Control with RF remote

With the RF remote control you can switch Luxion switches on or off. The switch can also be controlled with the LUXION RF key-fob remote control, sold separately.

- Pairing – step 1: hold your finger on the RF switch for 5 seconds until a beep sounds
- Pairing – step 2: press the RF remote control once to synchronise
- Unpairing: hold your finger on the RF switch for 10 seconds until the beep sounds twice
- Range: 30 m in open space / 6 m in real-world conditions

Technical parameters

1-way capacitive touch switch.

- Rated operating voltage: 110V ~ 240V AC, maximum 250V AC
- Voltage tolerance: -15% ~ +10%
- Maximum load: 1000W/channel
- Operating frequency: 50/60 Hz
- Power consumption: 0.02W
- Service life: 100,000 operations
- Operating temperature: -20°C ~ +70°C

Structure / components

- Elegant glass front
- Switch mechanism
- Metal mounting frame
- Screw fixing, 60 mm between fixing points

Dimensions

- Switch: 86 x 86 x 35 mm
- Front thickness: 9 mm
- Mechanism depth: 26 mm
- Mechanism height: 49 mm
- Remote control: 86 x 86 x 13 mm

Installation / wiring diagram

Connect the live (L) to terminal L and the load (light fitting) to terminal L1; the neutral (N) is connected to the light fitting. Caution: switch off the power supply during installation and removal.

- Open the packaging
- Connect the wires and tighten the screws
- Fix the frame with the 2 screws
- Fit the front (it clips into place)