

TOUCH-1SP

LEF LIGHTING S.R.L.

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1.1 PRODUCT FEATURES

Motion sensor with daylight function and settable detection area.
Two functions: sensor or wireless push button.

1.2 TECHNICAL DATA

Power supply	Battery CR 2450
Battery life	About 2 years
Code	Rolling code
Radio frequency	433.92 MHz ISM
Range	100 m (40 m inside buildings)
Dimensions	40 mm x 40 mm h 10 mm

2 BATTERY CHANGE

3 TRANSMITTER PROGRAMMING

This procedure is used to programme a channel in order to then associate it with a compatible receiver. Access to the receiver is required to carry out the following procedure.

STEP1

Activate the receiver on which you want to use the transmitter in "multifunctional remote control radio programming" (see receiver manual).

STEP2

With the help of a paper clip make a short press on the button in the back of the sensor (the led of the sensor turn on green)

STEP3

With the help of a paper clip make a short press on the button in the back of the sensor (the led of the sensor flashes 3 times)

4 USE OF THE SENSOR

There is two selectionable functioning mode:
AUTOMATIC: when the sensor is turn on, the light turn on automatically while it detects a movement and turn the light off after a pre-set time.
It's possible to set a brightness threshold to avoid the turn on of the light if the environmental light is enough. The detection area, the timed on and the ebrightness threshold can be set with the procedure explained in paragraph 5.
MANUAL: if the sensor is off, the central button can be used to send a command:
SHORT PRESS= On/Off
LONG PRESS= Dimmer Down and Dimmer Up

ATTENTION: to send manual command the sensor must be switch off

5 SENSOR SETTING

The sensor is supplied with pre-set parameters: DETECTION AREA= max ; BRIGHTNESS THRESHOLD= off ; TIMED ON= 5 minutes.
These parameters can be modify with following procedure:

STEP1

With the help of a paper clip press and hold the button on the back of the sensor:
the led turns on and cyclically changes color

STEP2

Release the button when the led is on the color corresponding to the function that you want to modify:

RED=
DETECTION AREA

GREEN=
LIGHT SENSOR

YELLOW=
TIMED OFF

STEP3a

Release the button when the led is red to set the detection area of the sensor

STEP3b

Release the button when the led is green to set the brightness threshold of the sensor

STEP3c

Release the button when the led is yellow to set the timed on off the light

STEP4a

Make a short press on the button on the back of the sensor, the led starts to flash, count the flashes

STEP4b

Make a short press on the button on the back of the sensor, the led starts to flash, count the flashes

STEP4c

Make a short press on the button on the back of the sensor, the led starts to flash, count the flashes

STEP5a

Make a short press on the button on the back of the sensor during the flash that correspond to the desired function (default= n°1)

n°	Function
1	Max detection area
2	Level 2
3	Level 3
4	Level 4
5	Min detection area

STEP5b

Make a short press on the button on the back of the sensor during the flash that correspond to the desired function (default= n°1)

n°	Function
1	No threshold (the sensor always turns on the light)
2	Level 2
3	Level 3
4	Level 4
5	Level 5
6	Level 6
7	Level 7
8	High level (the light turns on only when in deep darkness)

STEP5c

Make a short press on the button on the back of the sensor during the flash that correspond to the desired function (default= n°3)

n°	Function
1	5 seconds
2	1 minute
3	5 minutes
4	20 minutes
5	30 minutes
6	1 hour
7	2 hours
8	4 hours

ATTENTION: The life of the battery depends to the set "timed on" and to the number of actions of the sensor.
"5 seconds" setting must be use only for demonstrative purpose: the life of the battery severely decreases.
"1 minute" setting must be use only for not intensive application (exaple: wardrobe)