# ROUND-1SP

Wireless motion sensor, rolling code 433.92 MHz, recessed with built-in light sensor. CR2450 battery.

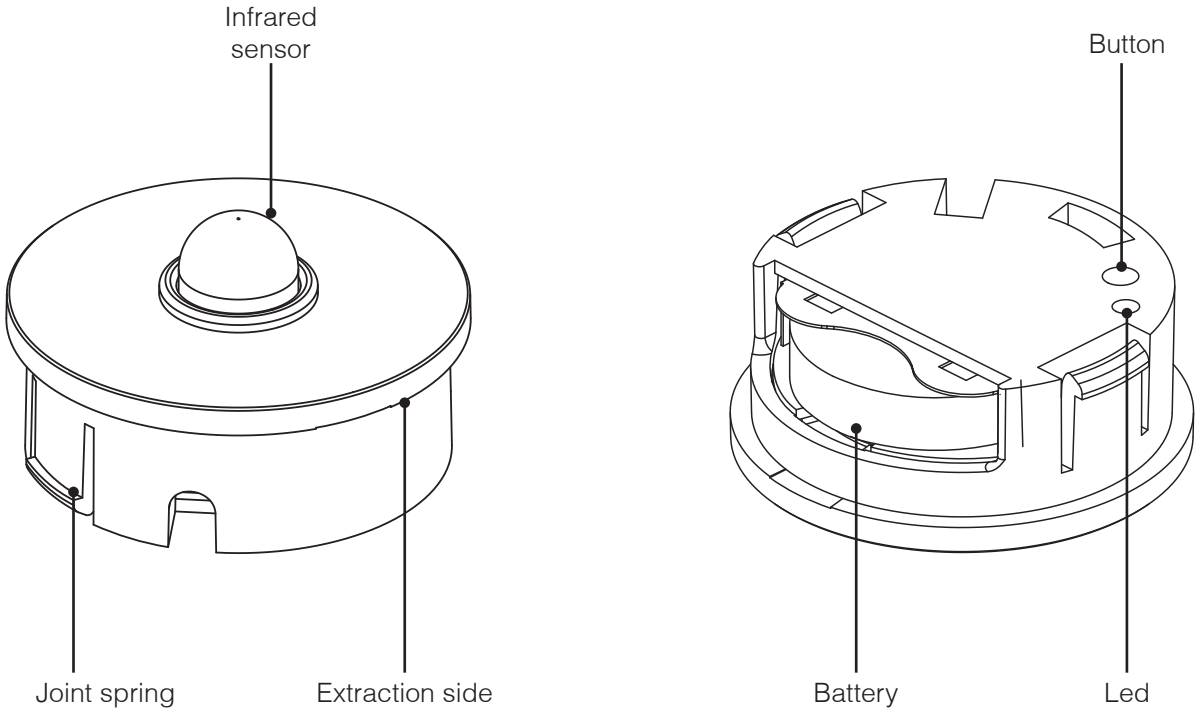
# INDEX

1 - PRODUCT FEATURES
    1.1 - TECHNICAL DATA
    1.2 - BATTERY CHANGE
2 - PREPARATION
    2.1 - SENSOR DIMENSIONS AND WORK
    2.2 - POSITION OF REED CONTACT FOR MAGNET
    2.3 - MAGNET INSTALLATION
3 - USE OF THE SENSOR
4 - RADIO PROGRAMMING
5 - SENSOR SETTING

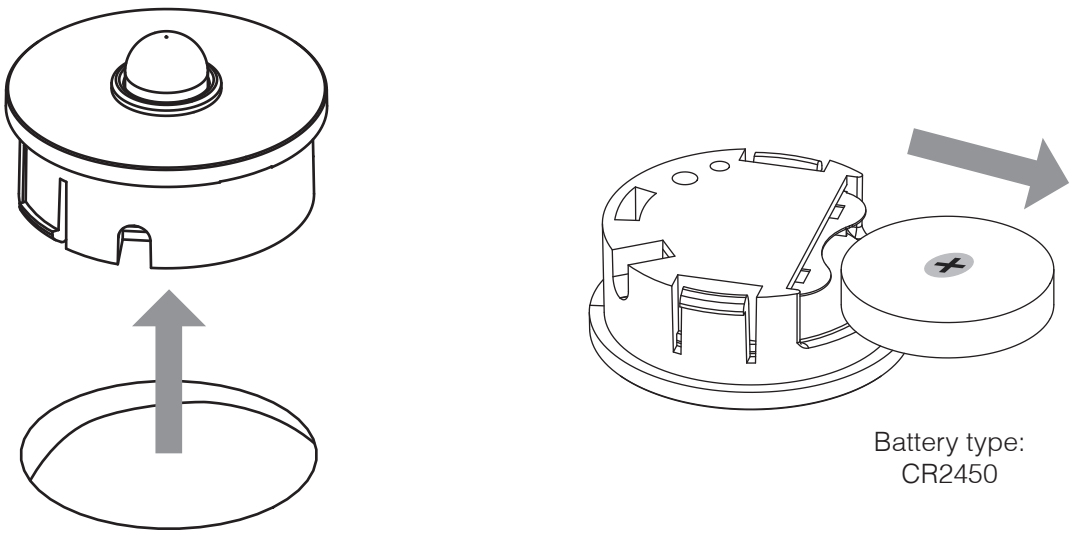
# 1 - PRODUCT FEATURES

## 1.1 TECHNICAL DATA

| | |
|---|---|
| Power supply | Battery CR 2450 |
| Battery life | About 2 years |
| Code | Rolling code |
| Radio frequency | 433,92 MHz ISM |
| Range | 10m |

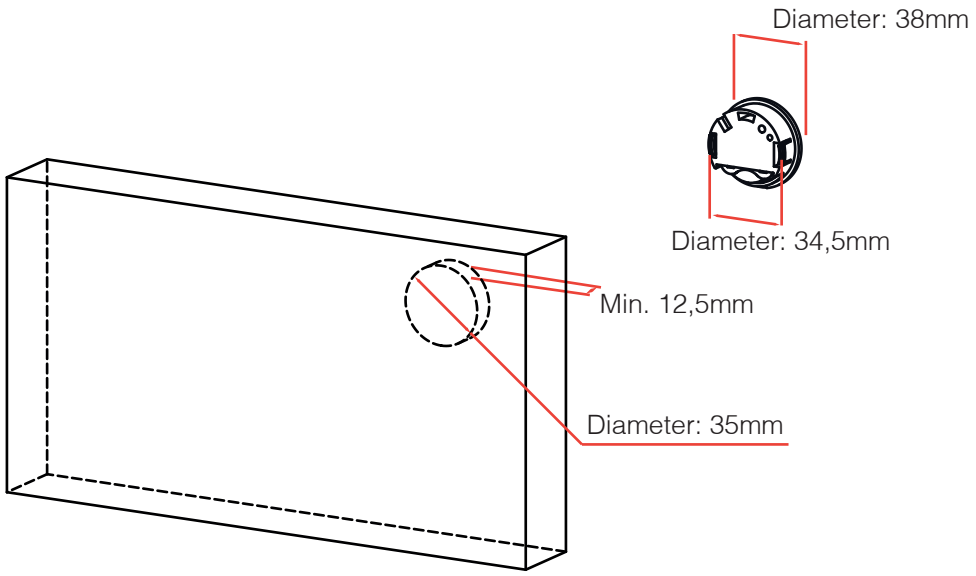



## 1.2 BATTERY CHANGE



## 2 - PREPARATION

### 2.1 CUTTING

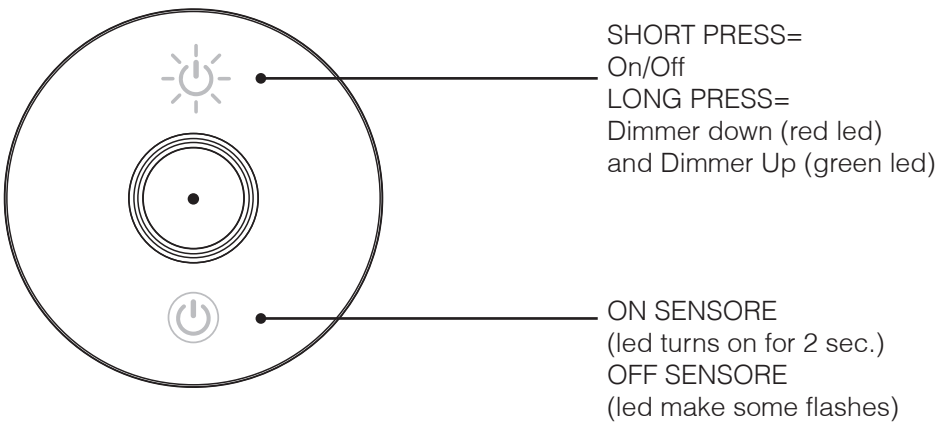



## 3 - USE OF THE SENSOR

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 enought. 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

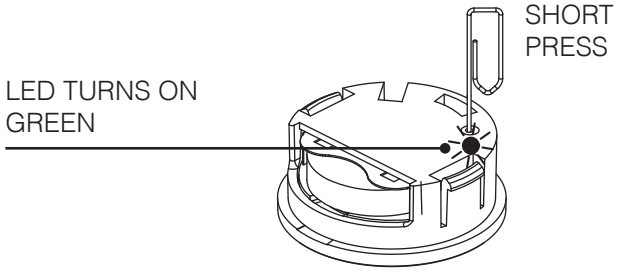


## 4 - SENSOR PROGRAMMING

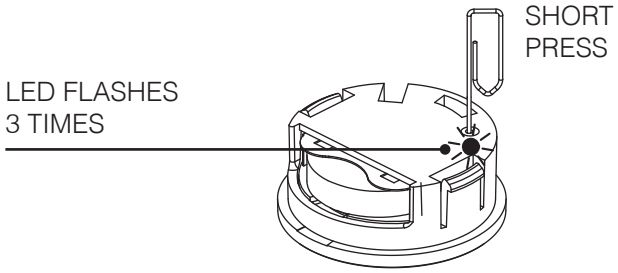
This procedure is used to programme a channel in order to then associate it with a compatible receiver.
Access to the receiver is required to carry out the following procedure.

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)



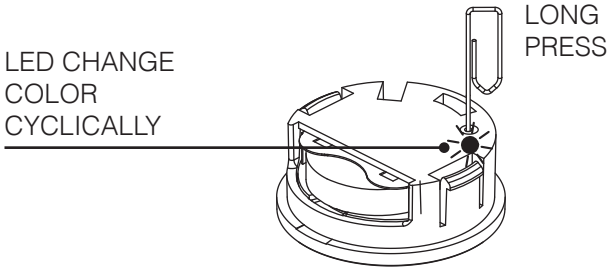

STEP2
With the help of a paper clip make a short press on the button in the back of the sensor (the led of the sensor flashes 3 times)



## 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:

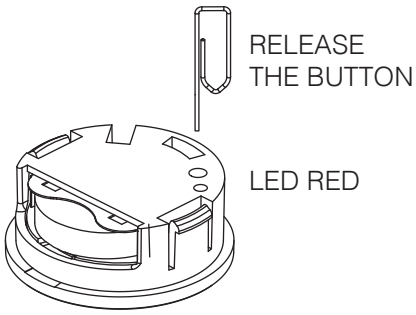
STEP1
With the help of a paper clip press and hold the button on the back of the sensor:
the led turns on and cyclically changes color




STEP2
Release the button when the led is on the color corresponding to the function that you want to modify:

RED= DETECTION AREA

STEP3a
Release the button when the led is red to set the detection area of the sensor

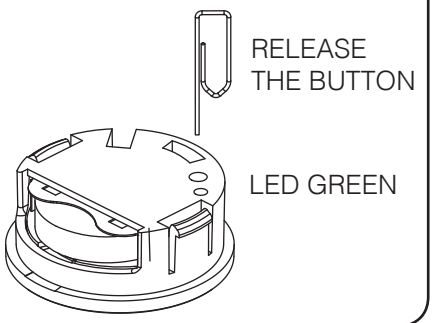



STEP5a
Make a short press on the button on the back of the sensor during the flash that correspond to the desired function
(default= n°1)

| N° | Function |
|---|---|
| 1 | Max detection area |
| 2 | Level 2 |
| 3 | Level 3 |
| 4 | Level 4 |
| 5 | Min detection area |

GREEN= LIGHT SENSOR

STEP3b
Release the button when the led is green to set the brightness threshold of the sensor

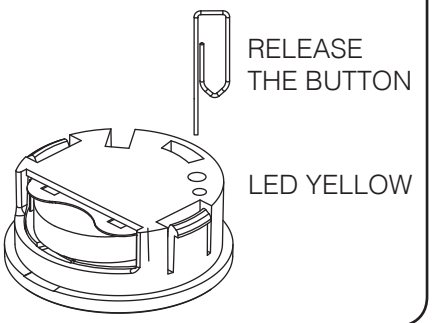



STEP5b
Make a short press on the button on the back of the sensor during the flash that correspond to the desired function
(default= n°1)

| 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) |

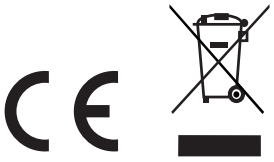
YELLOW= TIMED OFF

STEP3c
Release the button when the led is yellow to set the timed on off the light




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 |



MNLROUND-1SPENV1.0

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