ROUND-1SP

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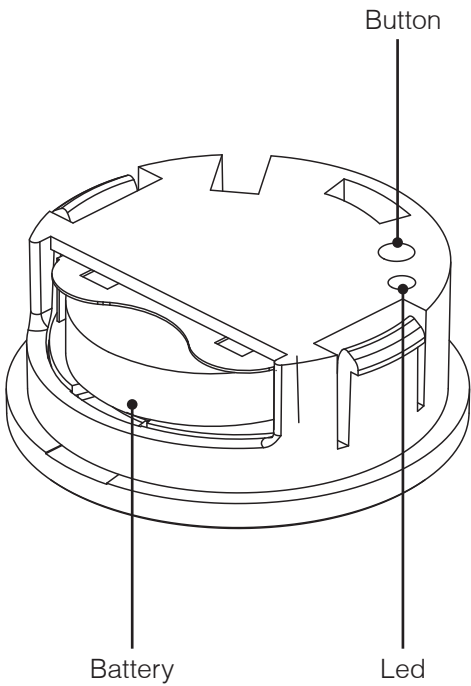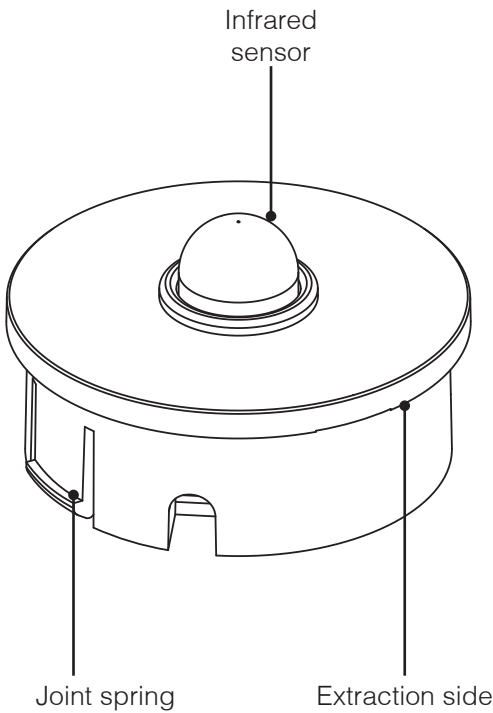
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INDEX

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

Infrared
sensor

Button

Joint spring

Extraction side

Battery

Led

1.2 BATTERY CHANGE
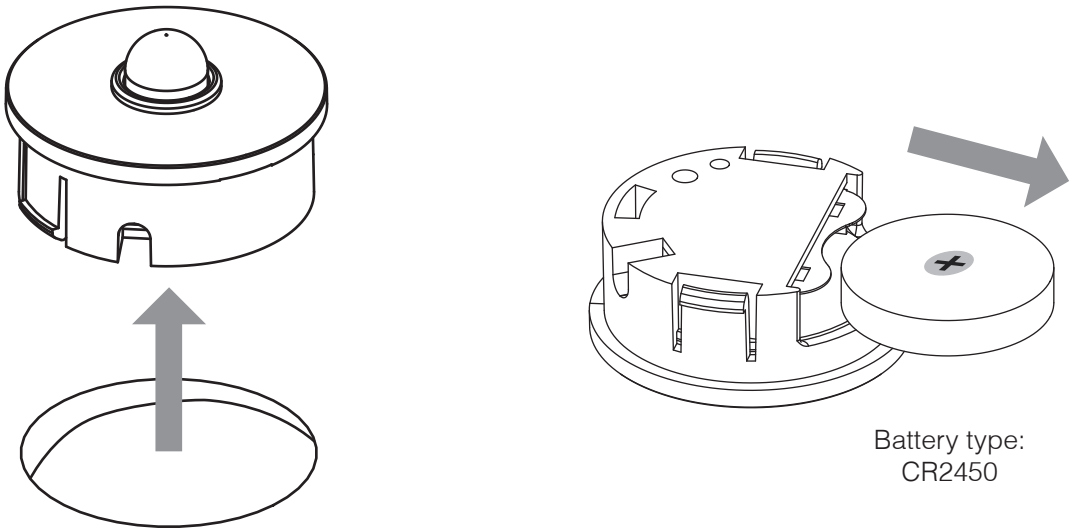
Battery type:
CR2450

2 - PREPARATION

2.1 CUTTING

Diameter: 38mm

Diameter: 34,5mm

Min. 12,5mm

Diameter: 35mm
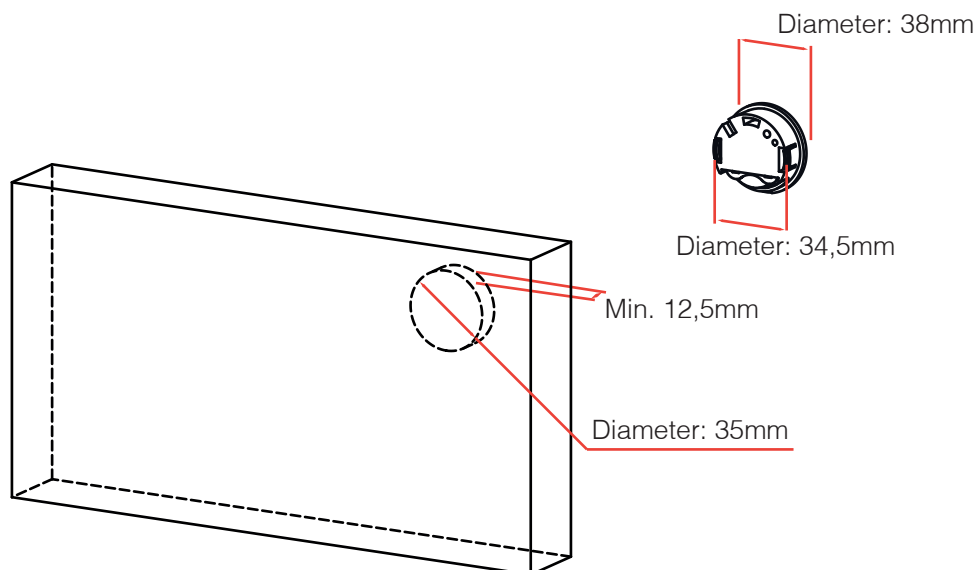
3 - USE OF THE SENSOR

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.
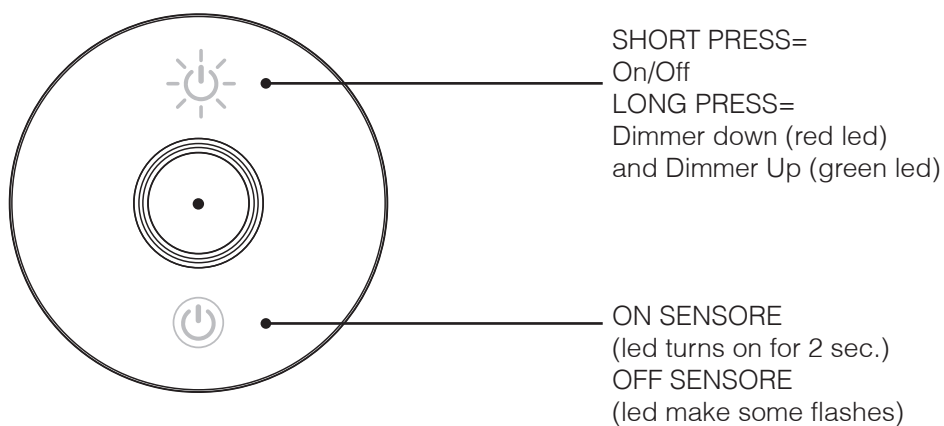It's possible to set a brightness threshold to avoid the turn on of the light if the environmental light is enought. The detection area, the timed on and the ebrightness threshold can be set with the procedure explained in paragraph 5.

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

SHORT PRESS=
On/Off
LONG PRESS=
Dimmer down (red led)
and Dimmer Up (green led)

ON SENSORE
(led turns on for 2 sec.)
OFF SENSORE
(led make some flashes)

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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.
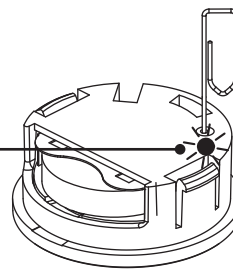
STEP1
Activate the receiver on which you want to use the transmitter in "multifunctional remote control radio programming" (see receiver manual).

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)
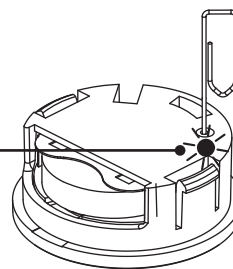
LED TURNS ON GREEN

SHORT PRESS

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)

LED FLASHES 3 TIMES

SHORT PRESS

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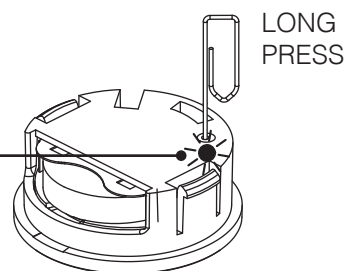
The sensor is supplied with pre-set parameters:
DETECTION AREA= max ; BRIGHTNESS THRESHOLD= off ; TIMED ON= 5 minutes.
These parameters can be modify with following procedure:

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

LED CHANGE COLOR CYCLICALLY

LONG PRESS

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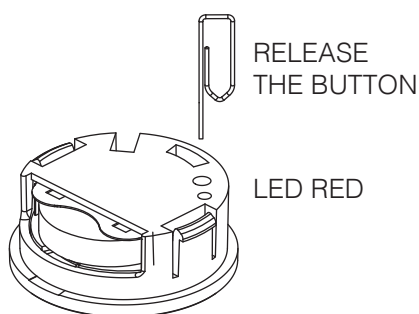Release the button when the led is on the color corresponding to the function that you want to modify:

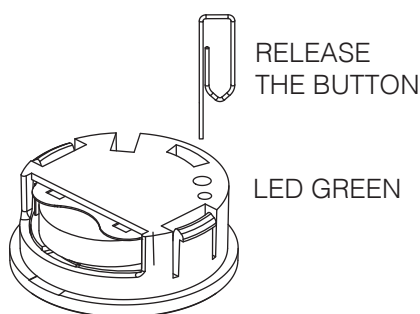RED= DETECTION AREA

GREEN= LIGHT SENSOR

YELLOW= TIMED OFF

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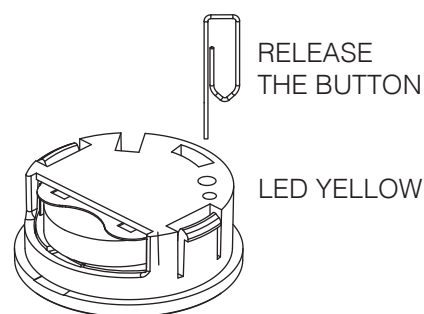Release the button when the led is red to set the detection area of the sensor

RELEASE THE BUTTON

LED RED

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

RELEASE THE BUTTON

LED GREEN

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

RELEASE THE BUTTON

LED YELLOW

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

FCC NOTE

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: THE GRANTEE IS NOT RESPONSIBLE FOR ANY CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.
-- Increase the separation between the equipment and receiver.
-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure environment. To maintain compliance with FCC's RF exposure guidelines, the distance must be at least 20cm between the radiator and your body, and fully supported by the operating and installation configurations of the transmitter and its antenna.

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