

## Instructions GATE SENSE

The Gate Sense is our new detector with a inovative design and applications. With its new infrared sensor, its capacity for detection its amplified, making it ideal for detection on walls and corners.

### I. Specifications

Power Source	220-240 V/AC
Power Frequency	50Hz
Detection Range	180°
Detection Distance	12m (<24°C)
Ambient light	3-2000LUX (adj.)
Time Delay	Min. 10sec. $\pm$ 3sec. Max. 7min. $\pm$ min.
Rated Load	Max. 1200W $\odot$ 300W $\downarrow$
Working Temperature	-20~+40
Working Humidity	<93%RH
Power Consumption	approx.0.5W
Installation Heigh	1.8-2.5m
Detection Moving Speed	0.6-1.5m/s



### II. Functions

- The Gate Sense can be set on two diferent time modes: Day and Night (explained in detail further on).
- Time-Delay is added continually. When it receives the second induction signal within the time frame of the first, it will add up from the first signal.
- The timer the lamp stays on can be set manually, being the minimum 10s and the maximum 7 min.

**NOTE:** The installation must be done by a qualified professional, which follows this instructions rigorously. Before using, read this instructions carefully.

### III. Installation

- Switch off the power.
- Loosen the screw on the bottom, and remove the top cover (refer to figure 1).
- Loosen the screw on the back, folding the cover with the screw in the position displayed on figure 3.
- Put the cable trough the opening, according to the connection diagram (figure 6), and make sure the gap and the cable are pressed against each other, for guaranteed waterproof.



Fig 1

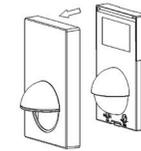


Fig 2

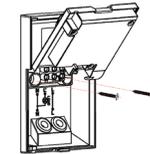


Fig 3

- The Gate Sense can be installed normally on a wall (figure 4). A installation on a corner, you will need an accessory (figure 5).

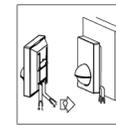


Fig 4.



Fig 5.

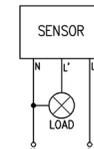
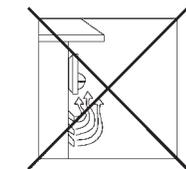
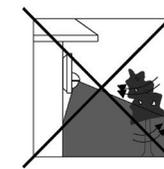
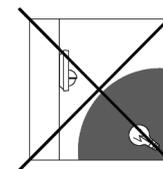
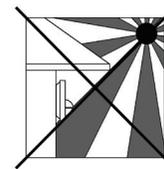


Fig 6.

### IV. Caution

- The Gate Sense reacts to changes in temperature, so to avoid complication please, try to avoide the following:
- Avoid pointing the Gate Sense towards objects with highly reflective surfaces, such as mirrors.
- Avoid installing the Gate Sense near heat sources, such as heat vents, air conditioning units, ligh.
- Avoid pointing the Gate Sense towards object that are susceptible to movement, by other sources.



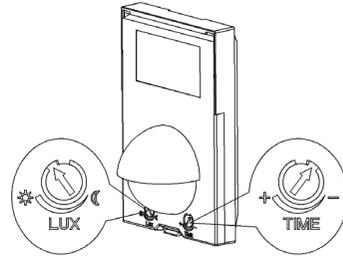
## V. Functions

- The Gate Sense allows the choice between Day and Night settings.

The sensor's response threshold can be set from 3- 2000 lux.  
Control dial set to: Daylight (sun symbol) operation at approx. 2000 lux  
Control dial set to: Night time (moon symbol) operation at approx 3 lux  
To adjust the detection zone in daylight, the control dial must be set to (daylight operation).

- The Gate Sense allows adjustments to the time frame the lamp stays on.

The time window can be set from 10sec to 7mins.  
Control dial set to = shortest time (10 sec).  
Control dial set to + = longest time (7 min).  
When setting the detection zone, we recommend choosing the shortest time.



## VI. Troubleshooting

No power / Faulty Fuse:

**Resolution:** New Fuse, Turn power switch ON, check the load.

Won't switch on / Surroundings still too bright:

**Resolution:** Wait until the response threshold is reached, or adjust the setting.

Won't switch off / Permanent movement in the detection zone:

**Resolution:** Check to see if there's continuous movement in the detection range, adjust the setting.

Keeps switching ON/OFF / There is a light in the detection zone:

**Resolution:** Change detection zone, increase distance.

Switches ON when unwanted:

**Resolution:** Change the detection zone.

Reach changing:

**Resolution:** Check the ambient temperature, make sure it doesn't surpass the maximum.