LED-SIGNALS

The ORANGE LED flashes every second.	The sensor goes into security mode.	1 Cut and restore power supply.
The ORANGE LED flashes 1 x.	The sensor signals an internal fault.	1 Cut and restore power supply. 2 If orange LED flashes again, replace sensor.
The ORANGE LED flashes 2 x.	Irregularities in the power supply	1 Check power supply. 2 Check wiring.
The ORANGE LED flashes 4 x.	The sensor receives not enough IR-energy.	1 Use the 1 m prism if possible. 2 Check the angle of the IR-curtains.
The ORANGE LED flashes 5 x.	The sensor receives too much IR-energy.	1 Use a low energy prism if possible. 2 Check the angle of the IR-curtains.
The ORANGE LED is on.	The sensor encounters a memory problem.	1 Cut and restore power supply. 2 If orange LED lights up again, replace sensor.
The RED LED flashes quickly after an assisted setup.	The sensor sees the door during the assisted setup.	1 Change the angle of the IR-curtains. 2 Launch a new assisted setup. ***Attention: Do not stand in the detection field!***
The RED LED lights up sporadically.	The sensor vibrates.	1 Check if the sensor is fastened firmly. 2 Check position of prism and cover.
	The sensor sees the door.	1 Launch an assisted setup and adjust the IR angle.
	The sensor is disturbed by lamps or another sensor.	1 Choose a different frequency by remote control.
	The sensor is disturbed by the rain.	1 Increase the IR-immunity filter by remote control. 2 Select presetting 2 or 3 by push button.
The GREEN LED lights up sporadically.	The sensor is disturbed by rain and/or leaves.	1 Select presetting 2 or 3 by push button. 2 Increase radar-immunity filter by remote control.
	Ghosting	1 Change radar antenna angle.
	The sensor vibrates.	1 Check if the sensor is fastened firmly. 2 Check position of cable and cover.
	The sensor sees the door or other moving objects.	1 Remove the objects if possible. 2 Change radar antenna. 3 Change radar field size (sensitivity).
The LED is off.		1 Check connections to test output. 2 If your door controller is not tested, connect the red and blue cable to power supply.
The reaction of the door does not correspond to the LED-signal.		1 Check output configuration setting. 2 Switch value 1 (A-P) to 4 (A-A) or 4 to 1 by remote control.

Id. No. 112866 Modification level 03 Drawing No. 70705-9-9509 Printed in Germany Subject to change without notice

GEZE hereby declares that the GC 362 is in conformity with the basic requirements and the other relevant provisions of the standards 1999/5/EC, 2004/108/EC and 2006/42/EC.
Notified Body for EC inspection: 0044 - TÜV NORD CERT GmbH, Langemarckstr. 20, 45141 Essen

Leonberg, January 2010 Hermann Alber, Authorized representative

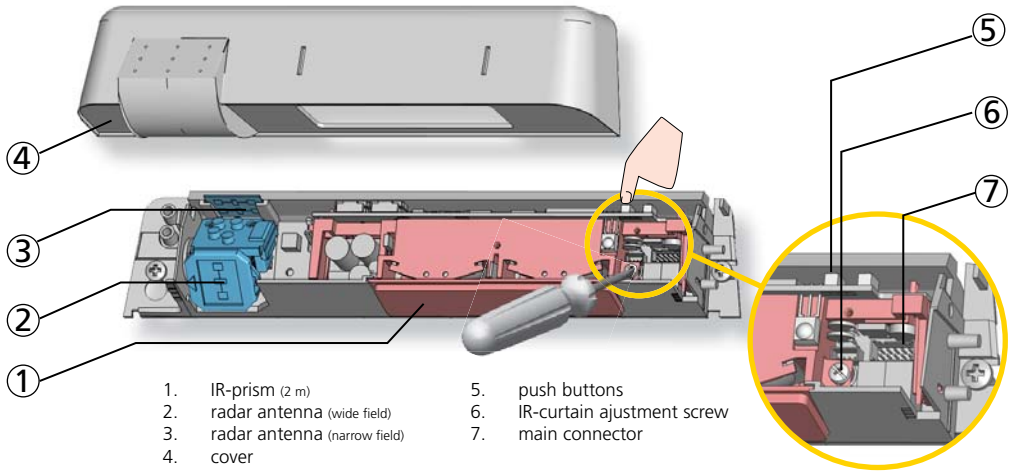
GEZE GmbH / Reinhold-Vöster-Straße 21-29 / 71229 Leonberg / Germany / Tel. ++49(0)7152-203-0 / Fax ++49(0)7152-203-310

Original instructions | 42.0319 / V3 - 01.10

GC 362 R

Opening & safety sensor
for automatic sliding doors*

DESCRIPTION



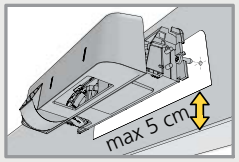
1. IR-prism (2 m)
2. radar antenna (wide field)
3. radar antenna (narrow field)
4. cover
5. push buttons
6. IR-curtain ajustment screw
7. main connector

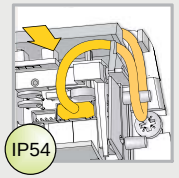
TECHNICAL SPECIFICATIONS

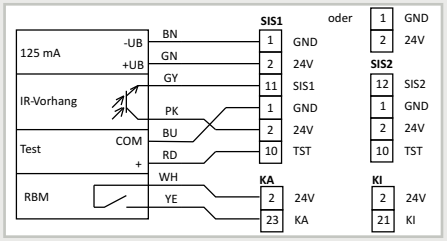
Supply voltage:	12 V - 24 V AC -5% / +10%; 12 V - 30 V DC -5% / +10%	
Power consumption:	< 3 W	
Mounting height:	1.8 m to 4 m	
Sensitivity of the test input:	< 1 V : Log. L; > 10 V: Log. H (max. 30 V)	
Temperature range:	-25 °C to +55 °C	
Degree of protection:	IP54	
Norm conformity:	R&TTE 1999/5/EC; EMC 2004/108/EC; MD 2006/42/EC EN ISO 13849-1:2008 Performance Level «c» CAT 2; EN 12978	
	GREEN LED	RED LED
Detection mode:	Motion Min. detection speed: 5 cm/s (in axis)	Presence Typical response time: <128 ms (max. 500 ms)
Technology:	Microwave and microprocessor Transmitter frequency: 24.150 GHz Transmitter radiated power: < 20 dBm EIRP Transmitter power density: < 5 mW/cm2	Active IR and self-monitored microprocessor Spot diameter: 0.1 m max. Number of spots: 24 or 12 by curtain Number of curtains: 2
Angle:	From 15 ° to 50 ° in elevation (adjustable)	From -4 ° to +4 ° (adjustable)
Output:	Relay (free of potential contact) Max. contact voltage: 42 V AC/DC Max. contact current: 1 A (resistive) Max. switching power: 30 W (DC)/60 VA (AC)	Electronic relay Max. contact current: 100 mA Max. contact voltage: 42 V AC/DC
Hold-open time:	0.5 s to 9 s (adjustable)	0.3 s or 1 s (not adjustable)
Response time on test request:		Typical: < 15 ms (max. 25 ms)

Specifications are subject to changes without prior notice.
* Other use of the device is outside the permitted purpose and can not be guaranteed by the manufacturer.

1 MOUNTING & WIRING

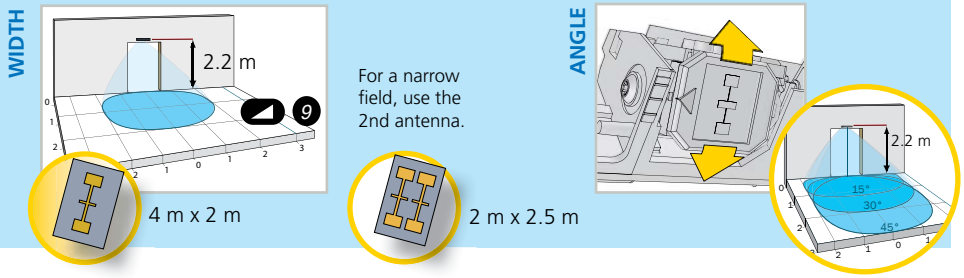






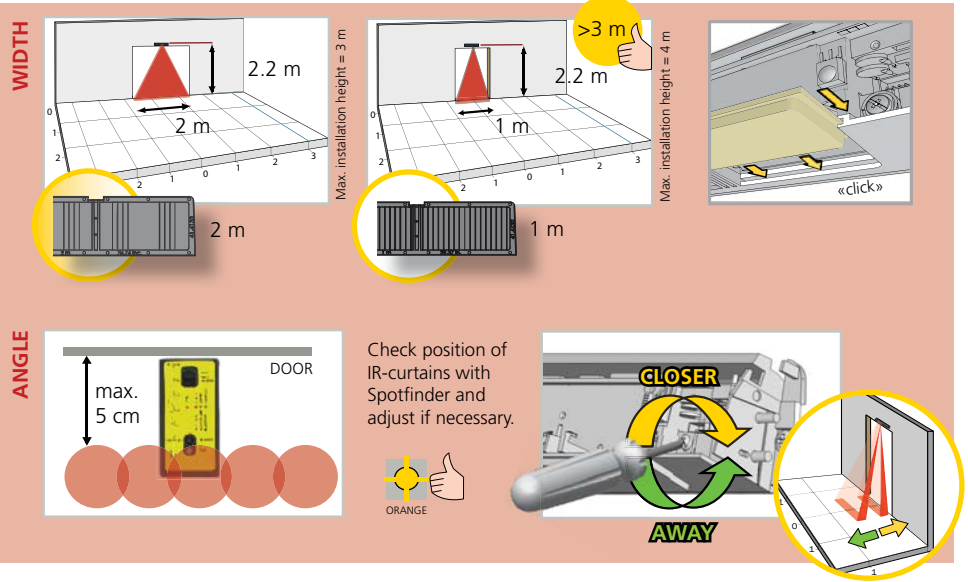
2 RADAR FIELD

GREEN LED



3 INFRARED FIELD

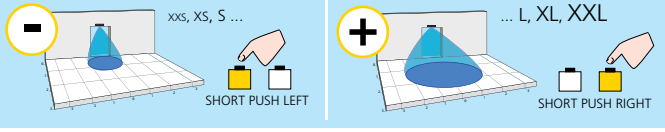
RED LED



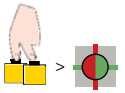
TIP: Launch an **ASSISTED SETUP** to verify wiring, position of the curtains and correct functioning of the sensor.

4 SETTINGS (by push buttons and/or remote control)

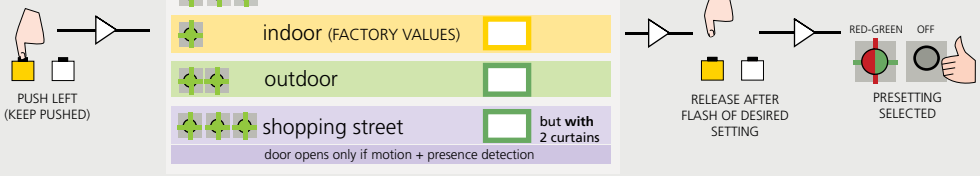
RADAR FIELD SIZE (SENSITIVITY)

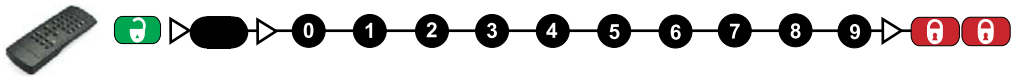


FACTORY VALUES



PRESETTINGS





FIELD SIZE (SENSITIVITY)	XXS	XS	S	>	>	>	>	L	XL	XXL	L= 3.20 m x 1.40 m (at 2.2 m)
IMMUNITY FILTER		low	normal	high	>	>	>	>	>	>	
DETECTION MODE		bi	uni	uni SLOW	uni AWAY	bi = two-way detection uni = one-way detection towards sensor					SLOW = slow motion detection AWAY = away from sensor
HOLD-OPEN TIME	0.5 s	1 s	2 s	3 s	4 s	5 s	6 s	7 s	8 s	9 s	
TEST (MONITORING)	off	on	auto			auto = the sensor will automatically adapt to the door controller: on if testable, off if not testable					
OUTPUT CONFIGURATION		A-P	P-A	P-P	A-A	A = active output (NO-contact) P = passive output (NC-contact)					
NUMBER OF CURTAINS	service mode	1	2	dynamic mode	service mode = no curtain is active during 15 minutes (maintenance). dynamic mode = 2nd curtain is active or not, depending on level of disturbances.						
IMMUNITY FILTER		normal	high	rain	snow	heavy snow					
PULSE FREQUENCY		freq 1				freq 1		freq 2			
MAX. PRESENCE TIME	30 s	1 min	2 min	5 min	10 min	20 min	60 min				

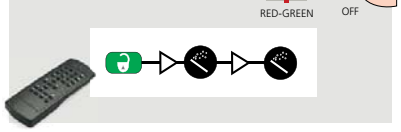
Presetting 1 : indoor (FACTORY VALUES)

Presetting 2 : outdoor

Not conform to DIN18650

5 SETUP (by push button or remote control)

QUICK SETUP =



ASSISTED SETUP =