REMOTE CONTROL

How to use the remote control

Visit website for available languages of this document.

KEYS



GENERAL KEYS

	Unlock
	Lock
	Check value
	Incremental increase
	Incremental decrease
0-9	Setup / Teach-in Factory values Presettings

FUNCTION KEYS

See pages 3 – 12 for button assignments per product.

COLOR KEYS

	LZR-FLATSCAN	LZR-WIDESCAN
	/	Virtual Pull Cord
	Safety	Safety
	Motion	Reopening
	/	Presence

GENERAL REMOTE USE



After unlocking, the red LED flashes and the sensor can be adjusted by remote control.



If the red LED flashes quickly after unlocking, you need to enter an access code from 1 to 4 digits.

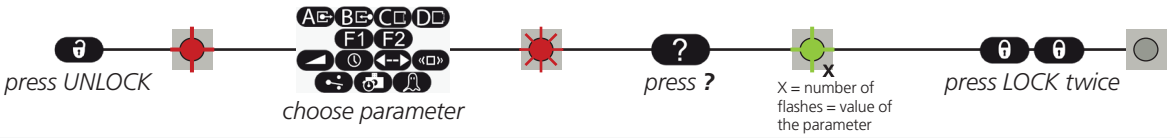


To end an adjustment session, always lock the sensor.

ADJUSTING ONE OR MORE PARAMETERS



CHECKING A VALUE



RESTORING TO FACTORY VALUES



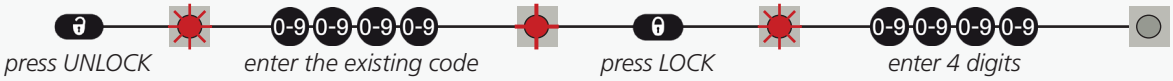
* When no green LED is available, the signal is red.

SAVING AN ACCESS CODE

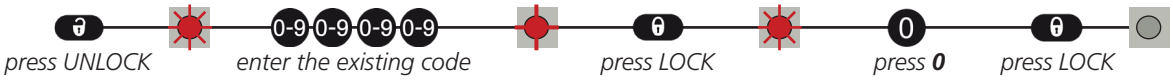


The access code (1 – 4 digits) is recommended to set sensors that are installed close to each other.

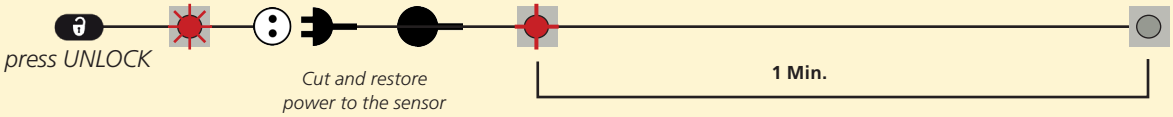
CHANGING AN ACCESS CODE



DELETING AN ACCESS CODE



If you forget the access code, proceed as follows:



During 1 minute, you can access the sensor without access code

LED flashes quickly
LED flashes
LED flashes slowly
LED flashes once
LED is off

A Halma company

©BEA | Original Instructions

APPENDIX: LZR-I30 / LZR-S600 FUNCTIONS

BUTTON	FUNCTION	0	1	2	3	4	5	6	7	8	9
«□»	MOUNTING SIDE		LEFT (background)	RIGHT (background)	LEFT (no background)	RIGHT (no background)	CENTER (no background)				
A	OPTIONAL FIELD WIDTH	**I30:** no field = 000 / minimum = 020 / maximum = 360 / default = 200 **S600:** no field = 000 / minimum = 020 / maximum = 984 / default = 400									
B	OPTIONAL FIELD HEIGHT	**I30:** no field = 000 / minimum = 020 / maximum = 360 / default = 200 **S600:** no field = 000 / minimum = 020 / maximum = 984 / default = 400									
C	SAFETY FIELD WIDTH	**I30:** no field = 000 / minimum = 020 / maximum = 360 / default = 200 **S600:** no field = 000 / minimum = 020 / maximum = 984 / default = 400									
D	SAFETY FIELD HEIGHT	**I30:** no field = 000 / minimum = 020 / maximum = 360 / default = 200 **S600:** minimum = 004 / maximum = 984 / default = 400									
◀--▶	ACTIVE DETECTION CURTAINS	deactivate curtain on both fields	activate curtain only on optional field	activate curtain only on safety field							activate curtains on both fields
F2	UNCOVERED ZONE	2 in (S600 default)	4 in (I30 default)	6 in	8 in	10 in					
	IMMUNITY FILTER		environment: indoor	environment: outdoor low	environment: outdoor med.	environment: outdoor high	objects: indoor	objects: outdoor low	objects: outdoor med.	objects: outdoor high	
	MIN. OBJECT SIZE	off	2 in	4 in	6 in	8 in					
	OUTPUT ACTIVATION DELAY	off	100 ms	200 ms	300 ms	400 ms	500 ms	600 ms	700 ms	800 ms	900 ms
F1	DETECTION FIELD REDIRECTION	R1: optional R2: safety	R1: optional or safety R2: safety								
	OUTPUT CONFIGURATION		R1: A - NO R2: P - NC	R1: P - NC R2: A - NO	R1: P - NC R2: P - NC	R1: A - NO R2: A - NO					

Click here for LZR-I30 User's Guide.

Click here for LZR-S600 User's Guide.

APPENDIX: FALCON, FALCON EX, PHOENIX EX FUNCTIONS

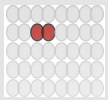
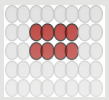
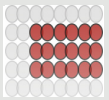
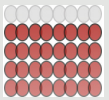
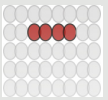
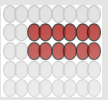
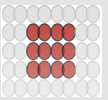
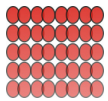
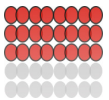
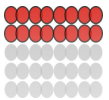
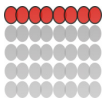
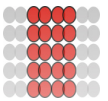
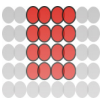
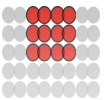
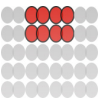
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	FIELD SIZE	XXS	XS	S	>	>	>	>	L	XL	XXL
	HOLD-OPEN TIME	0.5 s	1 s	2 s	3 s	4 s	5 s	6 s	7 s	8 s	9 s
	OUTPUT CONFIGURATION		active	passive							
	DETECTION MODE		BI	UNI	UNI AWAY						
	DETECTION FILTER		1	2	3	4	5	6			

Click here for FALCON Family User's Guide.

Click here for FALCON EX Family User's Guide.

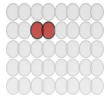
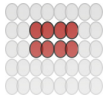
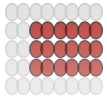
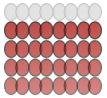
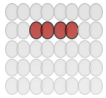
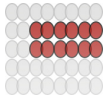
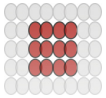
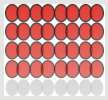
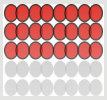
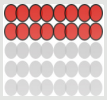
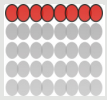
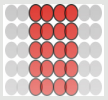
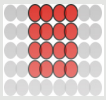
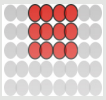
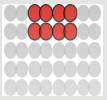
Click here for PHOENIX EX Family User's Guide.

APPENDIX: IS40 / IS40XL FUNCTIONS

BUTTON	FUNCTION	0	1	2	3	4	5	6	7	8	9
	FIELD SIZE (SENSITIVITY)	XXS	XS	S	>	>	>	>	L	XL	XXL
	HOLD-OPEN TIME	0.5 s	1 s	2 s	3 s	4 s	5 s	6 s	7 s	8 s	9 s
	DETECTION MODE		BI	UNI	UNI AWAY						
	DETECTION FILTER		All targets in motion	All targets in motion + interference immunity	Low 'Pedestrian/ Parallel traffic' Rejection + Interference Immunity	Medium 'Pedestrian/ Parallel traffic' Rejection + Interference Immunity	High 'Pedestrian/ Parallel traffic' Rejection + Interference Immunity	Extra High 'Pedestrian/ Parallel traffic' Rejection + Interference Immunity			
F1	OUTPUT CONFIGURATION	Presence + Activation: standard mode	Presence + Activation: pulse on entry	Presence + Activation: pulse on exit	Presence + Activation: pulse on entry first / last line	Presence + Activation: pulse on exit first / last line	Presence + Activation: remains active (when motion is detected) until presence zone in cleared	Presence + Activation: remains active (when motion and AIR are detected) until presence zone in cleared			
	FREQUENCY		A	B							
	MAX. PRESENCE DETECTION TIME	30 s	1 min	2 min	5 min	10 min	20 min	1 hr	1.5 hr	2 hr	no learn
	AIR CURTAIN IMMUNITY		low	normal	high						
F2	TARGET SIZE										
	AIR PATTERN SIZE										

Click here for IS40 / IS40XL User's Guide.

APPENDIX: IS40P FUNCTIONS

BUTTON	FUNCTION	0	1	2	3	4	5	6	7	8	9
	RELAY CONFIGURATION		Mot: active Pres: passive	Mot: passive Pres: active	Mot: passive Pres: passive	Mot: active Pres: active					
F1	OUTPUT REDIRECTION	ACT: presence PRES: presence	ACT: AIR entry pulse PRES: presence	ACT: AIR exit pulse PRES: presence	ACT: first/last line AIR entry pulse PRES: presence	ACT: first/last line AIR exit pulse PRES: presence	ACT: presence PRES: presence	ACT: presence PRES: presence			
DD	FREQUENCY		A	B							
	MAX. PRESENCE DETECTION TIME	3 s	1 min	2 min	5 min	10 min	20 min	1 hr	1.5 hr	2 hr	no learn
	AIR CURTAIN IMMUNITY		low	normal	high						
F2	TARGET SIZE										
BE	AIR PATTERN SIZE										

Click here for IS40P User's Guide.

APPENDIX: EAGLE FAMILY FUNCTIONS

BUTTON	FUNCTION	0	1	2	3	4	5	6	7	8	9
	ZONE SIZE	XXS	XS	S	>	>	>	>	L *	XL *	XXL
	IMMUNITY FILTER		low	normal	high	>	>	>	L	XL	highest
	DETECTION MODE		BI	UNI	UNI MTF	UNI AWAY	MTF & AWAY				
	OUTPUT CONFIGURATION		A	P							
	HOLD-OPEN TIME	0.5 s	1 s	2 s	3 s	4 s	5 s	6 s	7 s	8 s	9 s
	MOUNTING HEIGHT		< 10 ft **	> 10 ft **							
	DOOR CONTROL		auto	open	closed						

* EAGLE default = 8, EAGLEHM default = 7

** EAGLE default = 1, EAGLEHM default = 2

Click here for EAGLE Family User's Guide.

APPENDIX: BODYGUARD-T FUNCTIONS

BUTTON	FUNCTION	0	1	2	3	4	5	6	7	8	9
F1	INTERFACE		new style	old style (LO21)							
F2	DOOR CONTROL		normal	door permanently open	door permanently closed						
	MODES OF OPERATION	normal	MP mode	Record mode							
	INFRARED FREQUENCY		Mode: normal Freq: low	Mode: normal Freq: high	Mode: quiet Freq: low	Mode: quiet Freq: high					
	SENSITIVITY	min	>	>	>	>	>	> *	> *	>	>
	HOLD TIME	0.5 s	>	>	>	>	>	>	>	>	9 s
	OUTPUT CONFIGURATION		N.O.	N.C.							
	AUTO-LEARN TIME	30 s	1 m	2 m	3 m	5 m	7 m	10 m	15 m	10 s	infinite
	PATTERN WIDTH		wide (closed door)	middle (open door)	asymm. left narrow	asymm. right narrow	narrow left	narrow right	asymm. left wide	asymm. right wide	center narrow
	PATTERN DEPTH		deep (threshold on)	medium (threshold on, open)	limited (threshold on)	deep (threshold off)	medium (threshold off, closed)	limited (threshold off)			
	IMMUNITY		low (normal)	medium (rain)	high (snow)						

* default 6 = door closed, default 7 = door open

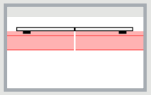
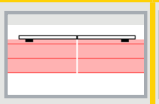
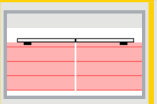
Click here for IS40 / IS40XL User's Guide.

APPENDIX: LZR-FLATSCAN SW FUNCTIONS

BUTTON	FUNCTION	0	1	2	3	4	5	6	7	8	9
A	PINCH ZONE WIDTH	no field = 000 / minimum = 001 / maximum = 040 / default = 015									
B	PINCH ZONE HEIGHT	no field = 000 / minimum = 001 / maximum = 157 / default = 157									
C	DOOR LEAF WIDTH	no field = 000 / minimum = 001 / maximum = 157 / default = 157									
D	DOOR LEAF HEIGHT	no field = 000 / minimum = 001 / maximum = 157 / default = 157									
	OUTPUT CONFIGURATION		R1: NO R2: NC	R1: NC R2: NO	R1: NC R2: NC	R1: NO R2: NO					
	IMMUNITY FILTER		low	>	>	>	>	>	>	>	high
F2	UNCOVERED ZONE		¾ in	1 ½ in	2 ¼ in	3 in	4 in	4 ¾ in	5 ½ in	6 ¼ in	7 in
	ANTIMASKING & BACKGROUND	OFF / OFF	OFF / ON	ON / OFF	ON / ON						

Click here for LZR-FLATSCAN SW User's Guide.

APPENDIX: LZR-FLATSCAN 3D SW FUNCTIONS

BUTTON	FUNCTION	0	1	2	3	4	5	6	7	8	9
A	PINCH ZONE WIDTH	no field = 000 / minimum = 001 / maximum = 040 / default = 015									
C	DOOR LEAF WIDTH	no field = 000 / minimum = 001 / maximum = 157 / default = 157									
D	DOOR LEAF HEIGHT	no field = 000 / minimum = 001 / maximum = 157 / default = 157									
	OUTPUT CONFIGURATION		N.O.	N.C.							
F2	UNCOVERED ZONE		¾ in	1 ½ in	2 ⅜ in	3 ¼ in	4 in	4 ¾ in	5 ½ in		
	ANTIMASKING / BACKGROUND	OFF / OFF	OFF / ON	ON / OFF	ON / ON						
	DETECTION FIELD DEPTH		 1 curtain	 2 curtains	 3 curtains	 4 curtains					

Click here for LZR-FLATSCAN 3D SW User's Guide.

APPENDIX: ULTIMO FUNCTIONS

BUTTON	FUNCTION	0	1	2	3	4	5	6	7	8	9
CD	IR:Width		wide	<	narrow						
BE	IR:Curtains	0	1	2	3	4	5	6	7		
	IR:Immunity			normal	outdoor	enhanced					
	IR:PresTime			30 sec	1 min	2 min	5 min	10 min	20 min	60 min	infinite
	Rad:Fieldsize	small	>	>	>	>	>	>	>	>	large
	Rad:Direction	off	BI <>|	UNI >|	MTF <|						
«□»	Rad:Immunity		low	>	>	>	>	>	>	>	high
F1	Out1Funct *	off	RAD or IR					RAD			
	Out1Logic		N.O.	N.C.							
	Out1HoldTime	0.5 sec	1 sec	2 sec	3 sec	4 sec	5 sec	6 sec	7 sec	8 sec	9 sec
AE	InTestMode	off	on **								
	FactoryRst									full	partial **

* The sensor LED will briefly flash RED during monitoring communication with the door control. This indicates that external monitoring is functional. Monitoring functionality must be active on the sensor and door control, and monitoring wires must be properly connected to the door control.

** Partial reset is only available via remote control. Partial restores all adjustable settings except Out1Logic and Out2Logic.

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APPENDIX: IXIO FAMILY FUNCTIONS

BUTTON	FUNCTION		0	1	2	3	4	5	6	7	8	9
	RAD: FIELDSIZE	(DT)	small	>	>	>	>	>	>	>	>	large
	RAD: IMMUNITY	(DT)		low	>	>	>	>	>	>	>	high
	RAD: DIRECTION [1]	(DT)	off	BI	UNI	UNI MTF						
	RAD: HOLDTIME	(DT) (ST)	0.5 sec	1 sec	2 sec	3 sec	4 sec	5 sec	6 sec	7 sec	8 sec	9 sec
	RAD: REENTRY	(DT)	small	>	>	>	>	>	>	>	>	large
	RAD: OUTPUT [2]	(DT) (ST)		DeEner/N.O. Ener/N.C.	Ener/N.C. DeEner/N.O.	Ener/N.C. Ener/N.C.	DeEner/N.O. DeEner/N.O.					
	AIR: OUTPUT	(DT) (ST)		DeEner/N.O. Ener/N.C.	Ener/N.C. DeEner/N.O.	Ener/N.C. Ener/N.C.	DeEner/N.O. DeEner/N.O.					
	AIR: IMMUNITY	(DT) (ST)		normal	enhanced					mode B		
	AIR: NUMBER	(DT) (ST)		1	2							
	AIR: PRESENCE TIME	(DT) (ST)			30 sec	1 min	2 min	5 min	10 min	20 min	60 min	infinite
	AIR: FREQ	(DT) (ST)		A	B							
	TEST [3]	(DT) (ST)	off	on								
	REDIRECTION [4]	(DT)	motion	motion or presence								
	REDIRECTION [5]	(ST)	presence	aux + presence								
	FACTORY RESET [6]	(DT) (ST)									full	partial

1 MTF = motion tracking feature

2 **DeEner** = de-energized relay, **Energ** = energized relay, **N.O.** = normally open, **N.C.** = normally closed

3 The sensor LED will briefly flash RED during monitoring communication with door control. This indicates that external monitoring is functional. Monitoring functionality must be active on the sensor and door control, and monitoring wires must be properly connected to the door control.

4 active opening output: 0 = motion detection, 1 = motion or presence detection

5 0 = presence detection on safety input, 1 = presence detection on safety + auxilary inputs

6 partial: outputs are not reset

Click here for IXIO-DT1 User's Guide.

Click here for IXIO-DT1 INDUSTRIAL User's Guide.

Click here for IXIO-ST User's Guide.

Click here for IXIO-ST INDUSTRIAL User's Guide.

Click here for IXIO-DT1V User's Guide.