

System Sensor L-series indoor strobes

www.boschsecurity.com



BOSCH
Invented for life



- ▶ Plug-in design with minimal intrusion into the back box
- ▶ Tamper-resistant construction
- ▶ Automatic selection of 12 V or 24 V operation
- ▶ Wall and ceiling mount devices
- ▶ Mounting plate included

Certifications and approvals

Region	Regulatory compliance/quality marks	
USA	UL	ANSI/UL 1971, Signaling Devices for the Hearing Impaired
	FM	see the FM Approval Guide
	CSFM	see the Bosch website (www.boschsecurity.com)

Installation/configuration notes



Notice

For additional information on horn tone and volume settings, horn current and sound output ratings, and strobe current draw and light output ratings, see the System Sensor *Installation and Maintenance Instructions* shipped with the product.

Compatible devices

The following devices are compatible with the L-series strobes:

Category	Product ID	Product Description
Bezels	SS-BZR-PG	Bezel wall horn/strobe red, Portuguese
	SS-BZW-PG	Bezel wall horn/strobe white, Portuguese
	SS-BZRC-PG	Bezel ceiling horn/strobe red, Portuguese
	SS-BZWC-PG	Bezel ceiling horn/strobe white, Portuguese
	SS-BZR-SP	Bezel wall horn/strobe red, Spanish
	SS-BZW-SP	Bezel ceiling horn/strobe red, Spanish
	SS-BZRC-SP	Bezel ceiling horn/strobe red, Spanish
	SS-BZWC-SP	Bezel ceiling horn/strobe red, Spanish
Synchronization module	SS-MDL3R	System Sensor synchronization module, red

Mounting considerations

The L-series strobes mount on:

- Standard 4 in. x 4 in. x 1.5 in. back boxes
- 4 in. octagonal back boxes
- Double-gang back boxes
- Single-gang back boxes

Wiring considerations

The input terminals can accept solid wires between 12 AWG (ISO 4 mm²) and 18 AWG (ISO 0.75 mm²).

Technical specifications

Electrical

Strobe Current Draw (mA):

8-17.5 VDC	Ceiling-mount: 15 cd = 87, 30 cd = 153 Wall-mount: 15 cd = 88, 30 cd = 143
16-33 VDC	Ceiling-mount: 15 cd = 41, 30 cd = 63, 75 cd = 111, 95 cd = 134, 115 cd = 158, 150 cd = 189, 177 cd = 226 Wall-mount: 15 cd = 43, 30 cd = 63, 75 cd = 107, 95 cd = 121, 115 cd = 148, 150 cd = 172, 177 cd = 222
16-33 VFWR	Ceiling-mount: 15 cd = 60, 30 cd = 86, 75 cd = 142, 95 cd = 164, 115 cd = 191, 150 cd = 228, 177 cd = 264 Wall-mount: 15 cd = 60, 30 cd = 83, 75 cd = 136, 95 cd = 155, 115 cd = 179, 150 cd = 209, 177 cd = 257

Voltage:

Nominal voltage (regulated)	12 VDC or 24 VDC/FWR
Voltage range	8 to 17.5 VDC/ or 16 to 33 VDC/FWR
Voltage range with synch module	8.5 to 17.5 VDC or 16.5 to 33 VDC/FWR

Environmental

Humidity	10% to 93%, noncondensing
Temperature (operating)	+32°F to 120°F (0°C to +49°C)

Mechanical

Strobe dimensions	
Ceiling-mount (Diameter x Depth)	6.8 in. x 2.5 in. (173 mm x 64 mm)
Wall-mount (LxWxD, including lens)	5.6 in. x 4.7 in. x 1.25 in. (143 mm x 119 mm x 32 mm)

Visual

Light output					
For degrees (°), a tolerance of ± 1° is permitted					
Horizontal dispersion		Vertical dispersion wall to floor		Vertical dispersion ceiling to wall to floor	
Degree (°)	Percent (%)	Degree (°)	Percent (%)	Degree (°)	Percent (%)
0	100	0	100	0	100
5-25	90	5-30	90	5-25	90
30-45	75	35	65	30-45	75
50	55	40	46	50	55
55	45	45	34	60	45
60	40	50	27	65	35
65	35	55	22	70	35
70	35	60	18	75	30
75	30	65	16	80	30
80	30	70	15	85	25
85	25	75	13	90	25
90	25	80-90	12		

Trademarks

All hardware/software product names used in this document are likely to be registered trademarks and must be treated accordingly.

Ordering information

SS-SRL Wall strobe, 2-wire, red

Red wall-mount strobe for indoor applications, Designed for use in 12 VDC or 24 VDC/FWR systems. Offers seven candela settings. Order number **SS-SRL**

SS-SWL Wall strobe, 2-wire, white

White wall-mount strobe for indoor applications, Designed for use in 12 VDC or 24 VDC/FWR systems. Offers seven candela settings. Order number **SS-SWL**

SS-SCRL Ceiling strobe, 2-wire, red

Red ceiling-mount strobe for indoor applications, Designed for use in 12 VDC or 24 VDC/FWR systems. Offers seven candela settings. Order number **SS-SCRL**

SS-SCWL Ceiling strobe, 2-wire, white

White ceiling-mount strobe for indoor applications, Designed for use in 12 VDC or 24 VDC/FWR systems. Offers seven candela settings. Order number **SS-SCWL**

Accessories

SS-MDL3R System Sensor Synchronization, RD

The SS-MDL3R module allows synchronizing temporal-coded horns, synchronizing strobe flash time to 1 s, and silencing horns in horn/strobe combinations.

Order number **SS-MDL3R**

SS-BZRC-PG Bezel ceiling horn/strobe red, pt

Installs on SS-BZRC devices. Red with Portuguese (FOGO) text in white lettering. Ships 5 per package.

Order number **SS-BZRC-PG**

SS-BZRC-SP Bezel ceiling horn/strobe red, es

Installs on SS-BZRC devices. Red with Spanish (FUEGO) text in white lettering. Ships 5 per package.

Order number **SS-BZRC-SP**

SS-BZR-PG Bezel wall horn/strobe red, pt

Installs on SS-BZR devices. Red with Portuguese (FOGO) text in white lettering. Ships 5 per package.

Order number **SS-BZR-PG**

SS-BZR-SP Bezel wall horn/strobe red, es

Installs on SS-BZR devices. Red with Spanish (FUEGO) text in white lettering. Ships 5 per package.

Order number **SS-BZR-SP**

SS-BZWC-PG Bezel ceiling horn/strobe white, pt

Installs on SS-BZWC devices. White with Portuguese (FOGO) text in red lettering. Ships 5 per package.

Order number **SS-BZWC-PG**

SS-BZWC-SP Bezel ceiling horn/strobe white, es

Installs on SS-BZWC devices. White with Spanish (FUEGO) text in red lettering. Ships 5 per package.

Order number **SS-BZWC-SP**

SS-BZW-PG Bezel wall horn/strobe white, pt

Installs on SS-BZW devices. White with Portuguese (FOGO) text in red lettering. Ships 5 per package.

Order number **SS-BZW-PG**

SS-BZW-SP Bezel wall horn/strobe white, es

Installs on SS-BZW devices. White with Spanish (FUEGO) text in red lettering. Ships 5 per package.

Order number **SS-BZW-SP**

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