



Bidirectional Sound Projector

LBC 3430/03



BOSCH

en Installation Note

1 Installation

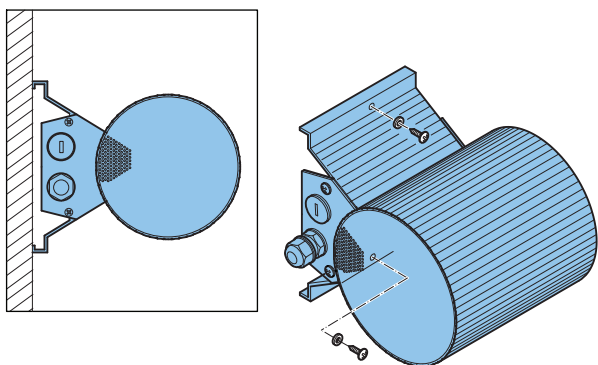


Fig. 1

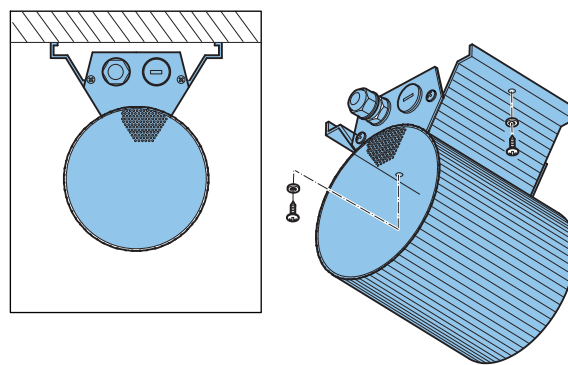


Fig. 2

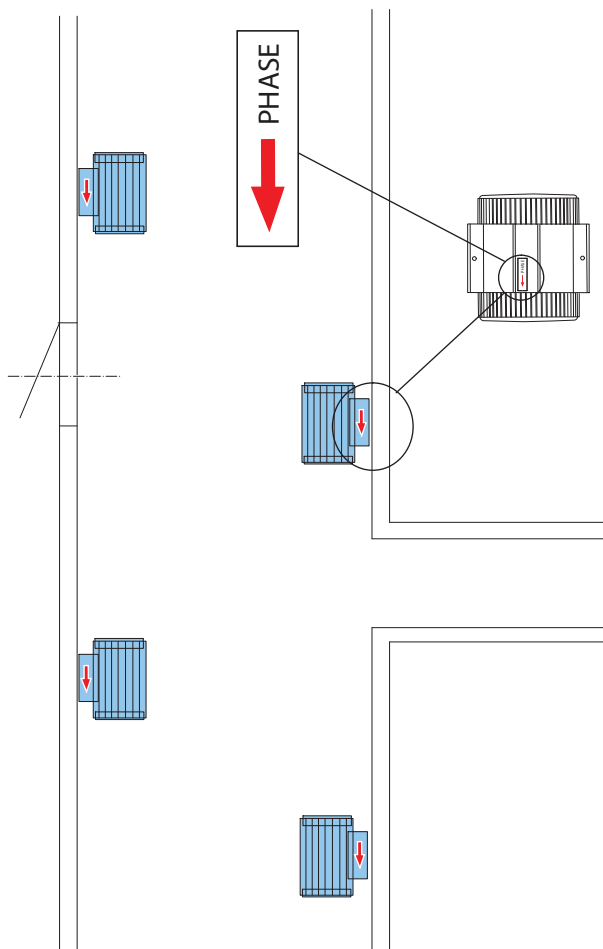


Fig. 3

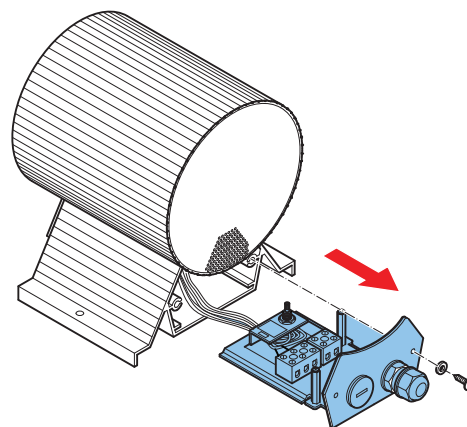


Fig. 4

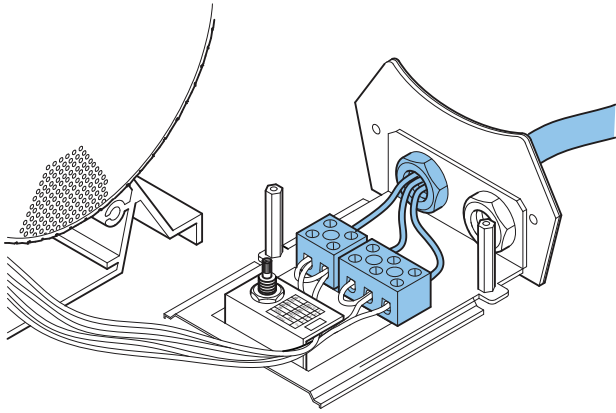


Fig. 5

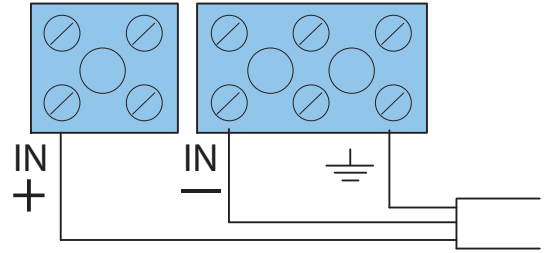


Fig. 6

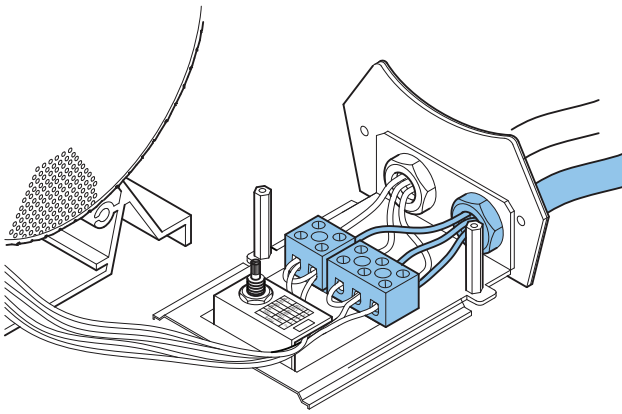


Fig. 7
Optional

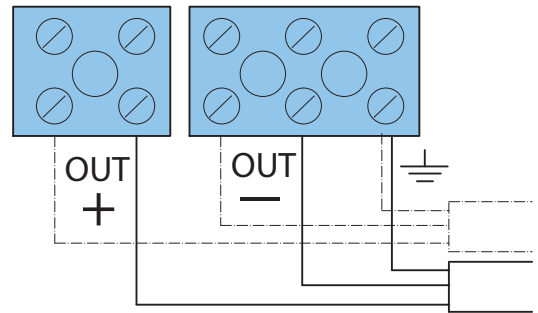


Fig. 8
Optional

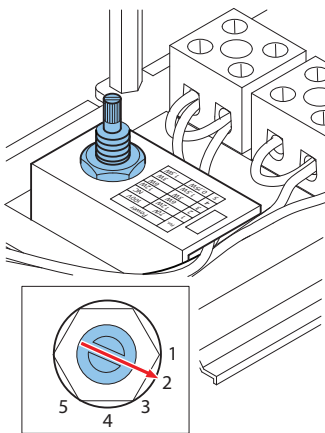


Fig. 9

Pos.	Power	
	70V	100V
1	12W	NC
2	6W	12W
3	3W	6W
4	1.5W	3W
5	0.75W	1.5W

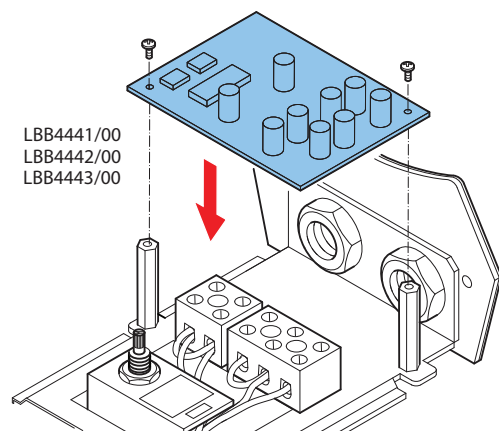


Fig. 10
Optional

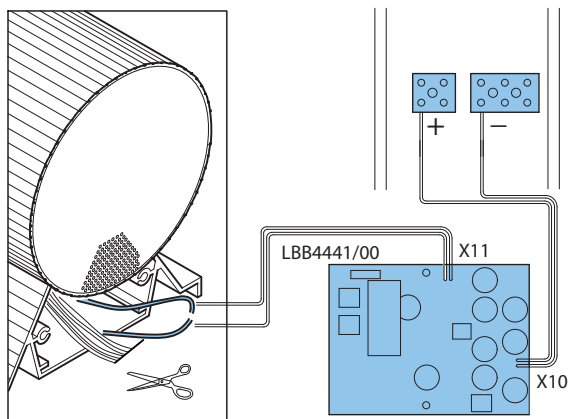


Fig. 11
Optional

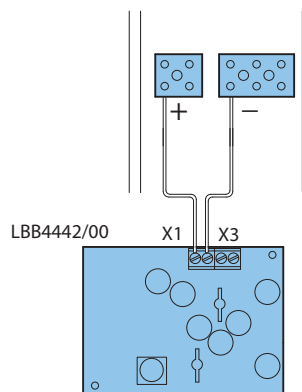


Fig. 12
Optional

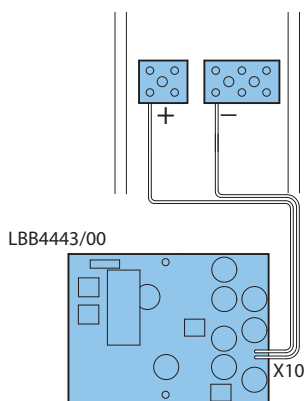


Fig. 13
Optional

2 Technical data

2.1 Electrical

Maximum power	18 W
Rated power (PHC)	12 W
Power tapping	12 / 6 / 3 / 1.5 W (0.75 W, 70 V only)
Sound pressure level at 12 W / 1 W (1kHz, 1 m)	104 dB / 93 dB (SPL)
Opening angle at 1 kHz / 4 kHz (-6 dB)	158 ° / 58 °
Effective frequency range (-10 dB)	190 Hz to 20 kHz
Rated voltage	70 V / 100 V
Rated impedance	416 / 833 ohm

* Technical performance data acc. to IEC 60268-5


2.2 Mechanical

Dimensions (D x L)	146 x 186 mm (5.7 x 7.3 in)
Weight	3.5 kg (7.72 lb)
Color	White (RAL 9010)
Material	Aluminum
Connection	Screw terminal block
Cable diameter	6-12 mm (0.24-0.47 in)

2.3 Environmental conditions

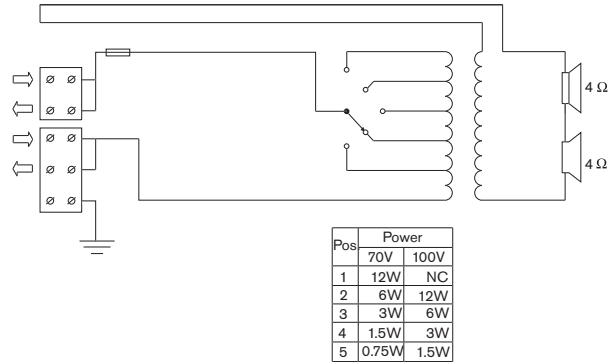
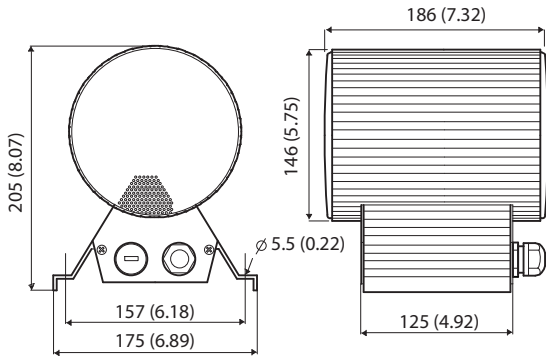
Operating temperature	-25 °C to +55 °C (-13 °F to +131 °F)
Storage temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Relative humidity	<95%
Water/dust protected	According to EN 60529 IP55

2.4 Certification and approvals

 1438
Bosch Security Systems BV Torenallee 49, 5617 BA Eindhoven, The Netherlands 10 1438-CPD-0326
EN 54-24:2008 Loudspeaker for voice alarm systems for fire detection and fire alarm systems for buildings Sound Projector 12W LBC 3430/03 Type B

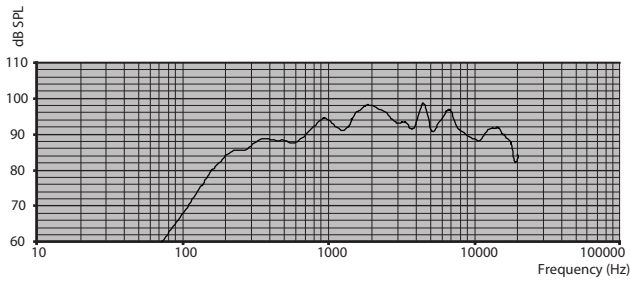
CE Declaration of Conformity

2.5 Additional technical data

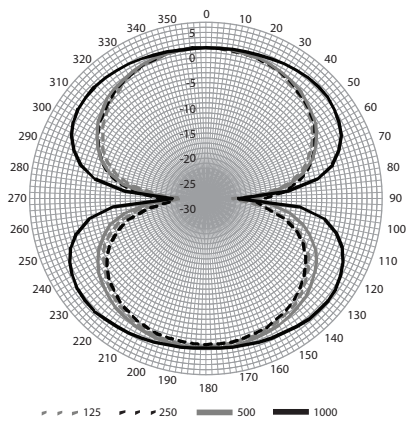


Dimensions

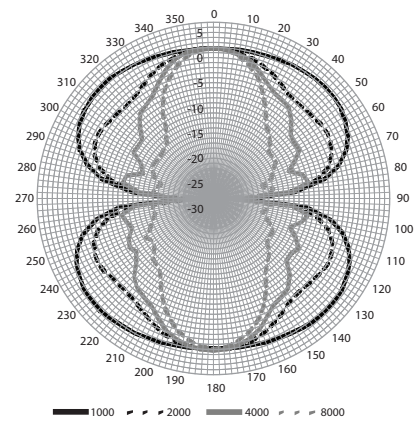
Circuit diagram



Frequency response



Polar diagram (measured with pink noise)



Polar diagram (measured with pink noise)

Bosch Security Systems B.V.

Torenallee 49

5617 BA Eindhoven

The Netherlands

www.boschsecurity.com

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