



BOSCH

Sound projector 12W metal bi-directional

LBC3430/03



en

Installation Note

1 Installation

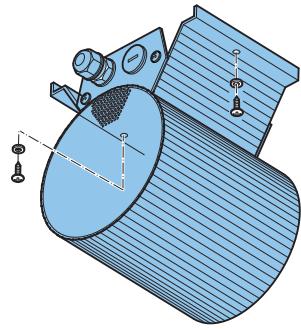
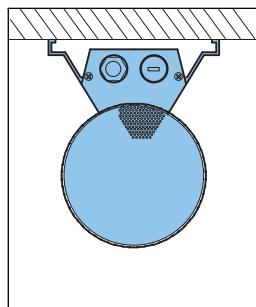
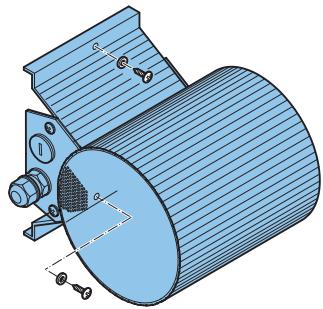
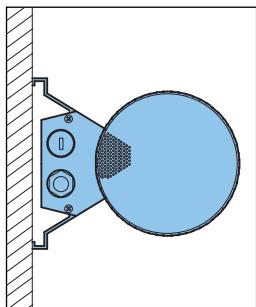


Fig. 1

Fig. 2

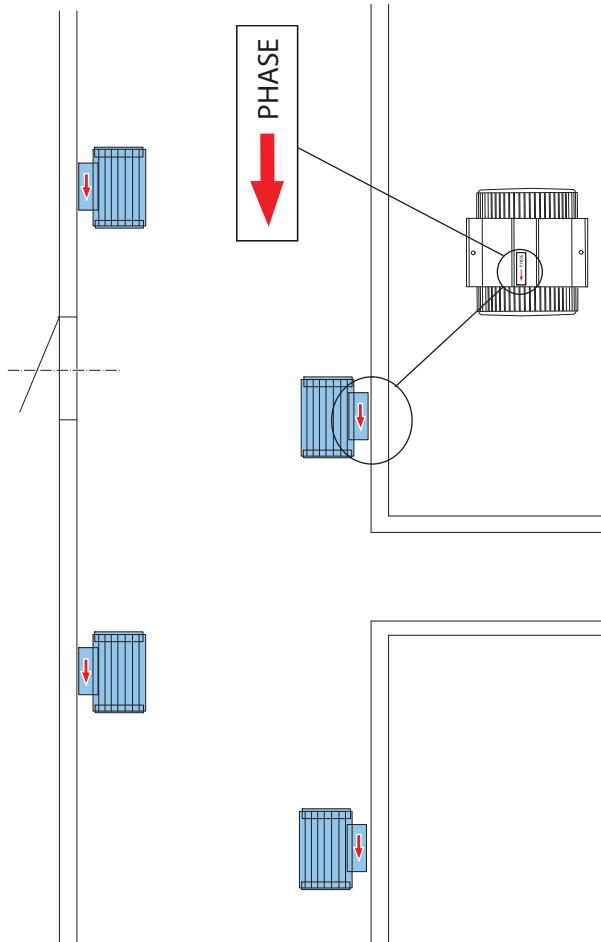


Fig. 3

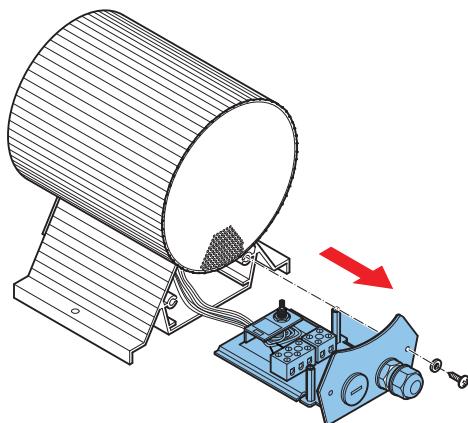


Fig. 4

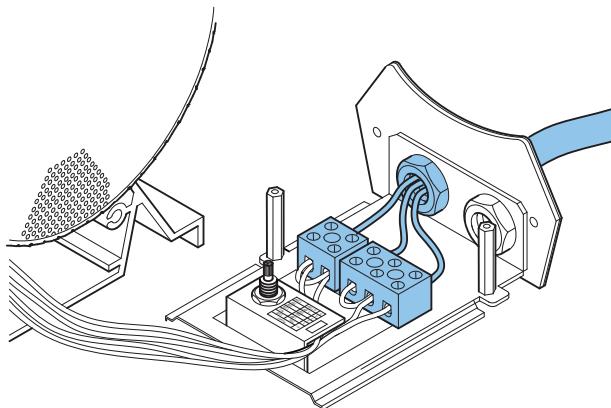
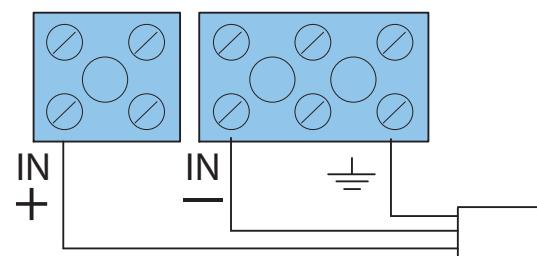
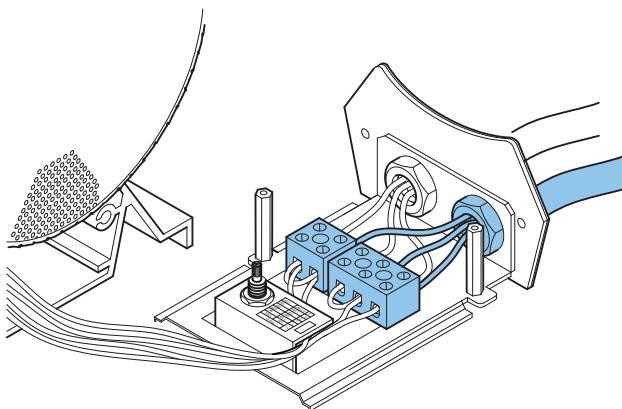
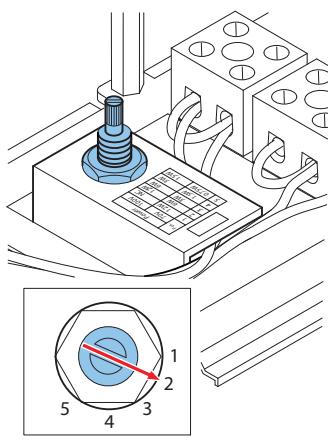
**Fig. 5****Fig. 6**

Fig. 7
Optional



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

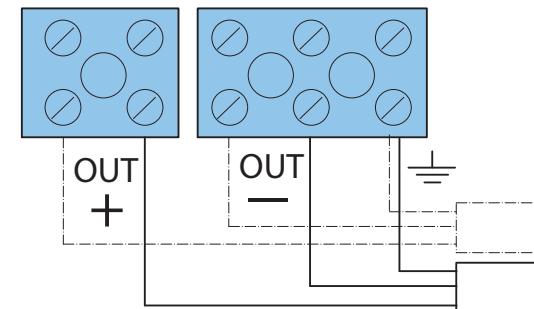


Fig. 8
Optional

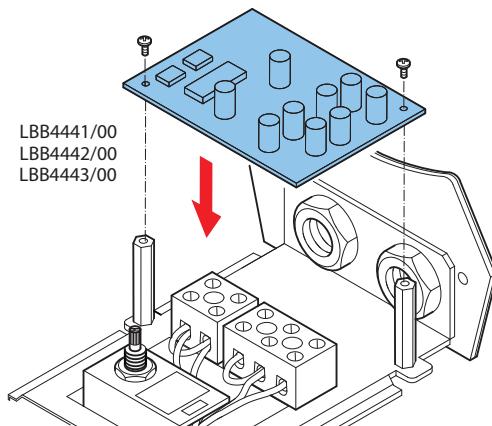
**Fig. 9**

Fig. 10
Optional

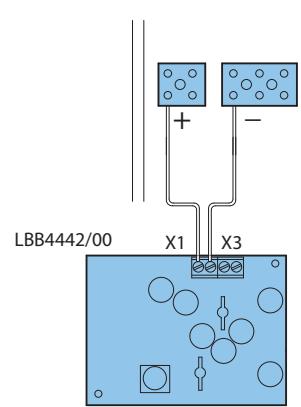
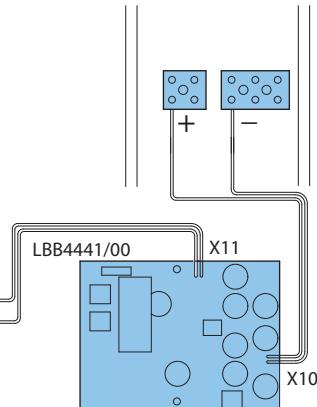
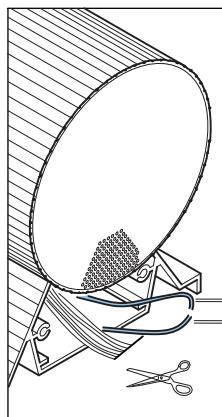


Fig. 11
Optional

Fig. 12
Optional

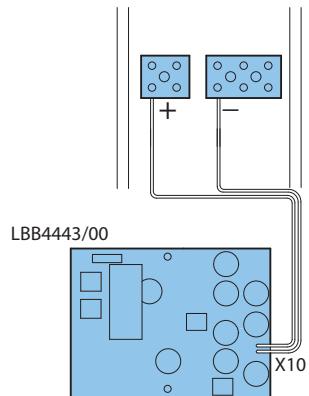


Fig. 13
Optional

2 Technical data

2.1 Electrical

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)		
Sound pressure level at 12 W / 1 W (1kHz, 4 m)	87 dB / 78 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 Rated impedance		70 V	100 V
	12 W	416 Ohm	833 Ohm
	6 W	835 Ohm	1667 Ohm
	3 W	1670 Ohm	3333 Ohm
	1.5 W	3340 Ohm	6667 Ohm
	0.75 W	6682 Ohm	N.A.

* 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 and transport temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Relative humidity	<95%
Water/dust protected	According to EN 60529 IP55

Note:

- The specification data is measured in an anechoic chamber, free field
- The reference axis is perpendicular to the center point of the front grille
- The reference plane is perpendicular to the center of the reference axis
- The horizontal plane is perpendicular to the center of the reference plane

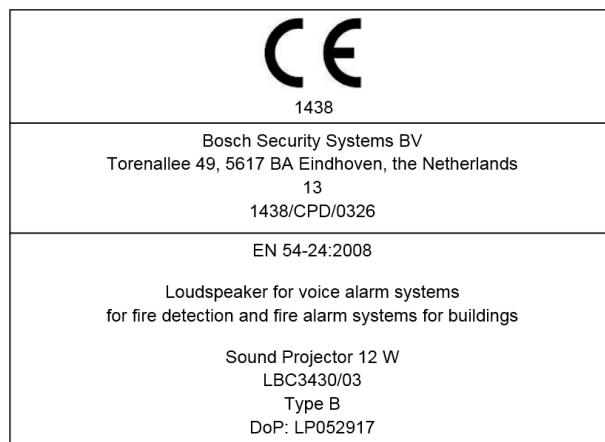
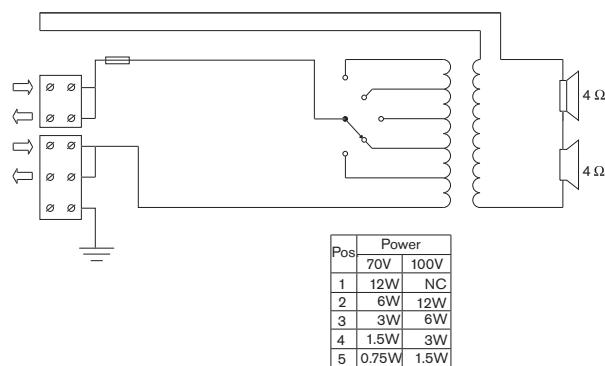
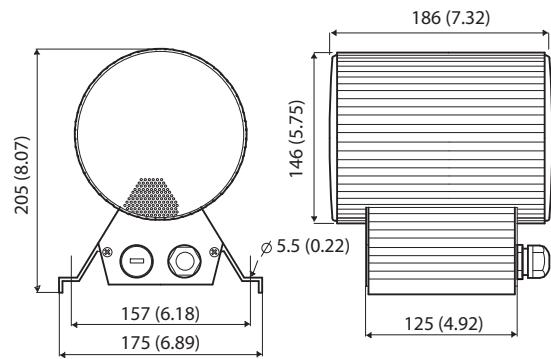
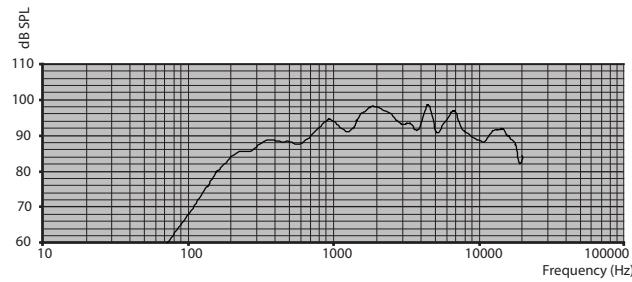
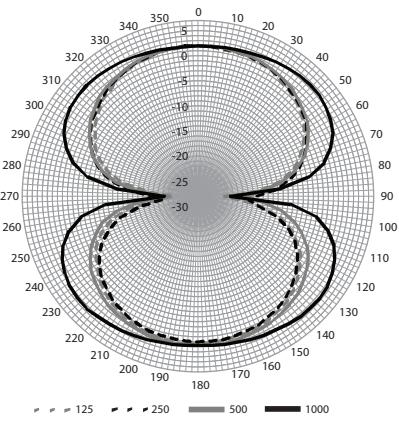
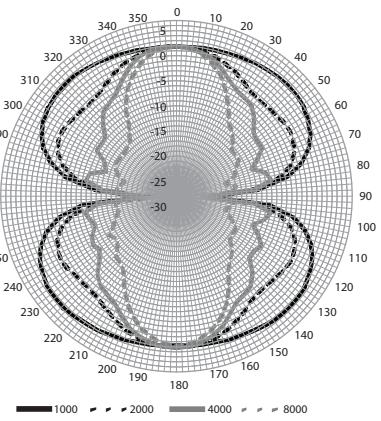


Figure 2.1: CE label

2.4**Additional technical data****Dimensions mm (in)****Circuit diagram****Frequency response****Polar diagram (measured with pink noise)****Polar diagram (measured with pink noise)**

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