

# LBD8355/10 Bidirectional sound projector 6 W

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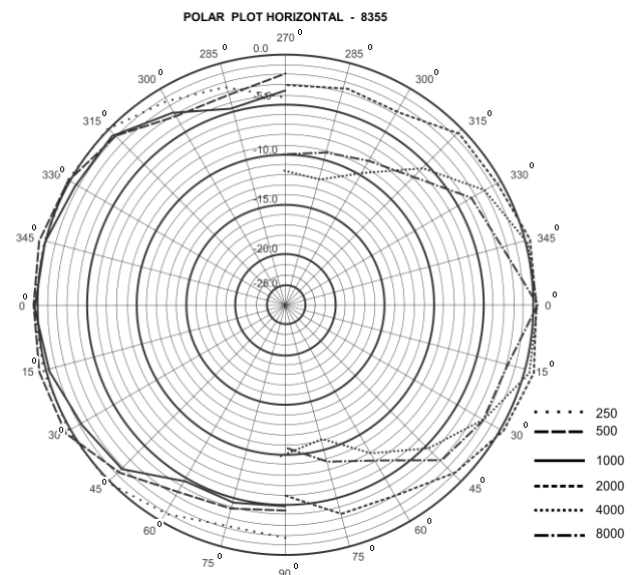


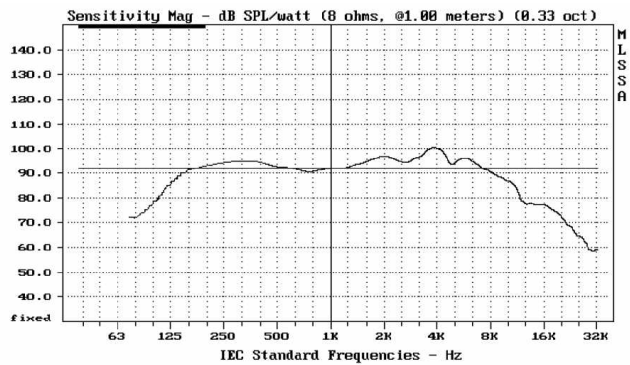
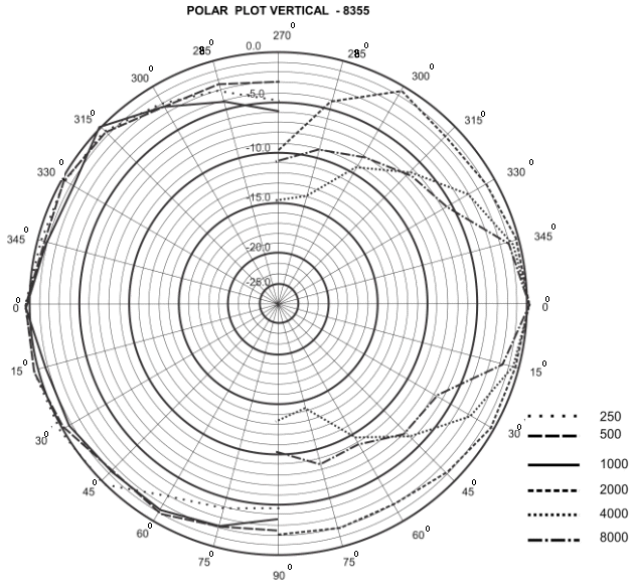
- ▶ Suitable for speech and music reproduction
- ▶ Simple power setting
- ▶ Option of mounting on ceiling or wall
- ▶ Robust self-extinguishing ABS enclosure

The LBD8355/10 is a sound projector for speech and music reproduction in indoor or outdoor applications such as shopping centers, factory grounds and sports fields.

## System overview

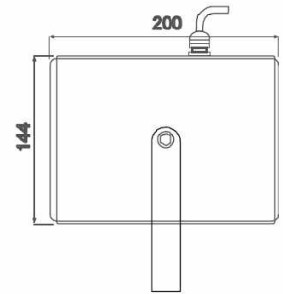
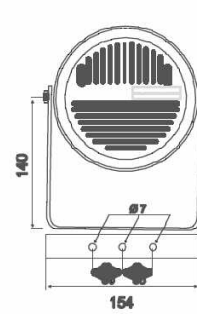
Sound projectors are intended for applications where directing the sound beam is desirable. Similar in concept to a spotlight, a sound projector can be used to provide localized sound reproduction. Typical examples include restaurants, exhibitions, factory grounds and shopping centers. The enclosures are made from high-impact self-extinguishing ABS. The units are supplied with the sufficient 1m of length two-core cable for easy connection.





Acoustical performance Specified per Octave

	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
SPL1.1	94.2	92.3	91.3	96.3	98.6	90.1
SPL Max	103.2	101.3	100.3	105.3	107.6	99.1
Q Factor	10.8	10.7	11.1	12.3	14.0	16.7
Efficiency (in %)	1.7	1.1	0.9	2.7	4.6	0.6
H. Angle	180	180	180	180	95	95
V. Angle	180	180	180	170	90	80



All dimensions in mm

**Parts included**

Quantity	Component
1	LBD8355/10 Bidirectional sound projector 6 W

**Technical specifications**

**Electrical**

Maximum Power	8W
Rated Power	6W
Sound Pressure level at 6 W / 1 W ( 1 KHz at 1m)	100.3 dB / 91.3 dB (SPL)
Effective frequency range (-10 dB)	150 Hz – 8kHz
Opening Angle at 1 KHz / 4 KHz (-6 dB)	180° / 95°
Rated Voltage	100 V
Rated impedance	1667 ohm

**Mechanical**

Dimension (Diameter x Length)	154 x 200(in mm)
Weight	2.1 kg

**Environmental**

Operating temperature	-25 °C to +55 °C
Storage temperature	-40 °C to +70 °C

**Ordering information**

**LBD8355/10 Bidirectional sound projector 6 W**  
 Bidirectional sound projector 6 W  
 Order number **LBD8355/10**

**Represented by:**

**Europe, Middle East, Africa:**  
Bosch Security Systems B.V.  
P.O. Box 80002  
5600 JB Eindhoven, The Netherlands  
Phone: + 31 40 2577 284  
emea.securitysystems@bosch.com  
emea.boschsecurity.com

**Germany:**  
Bosch Sicherheitssysteme GmbH  
Robert-Bosch-Ring 5  
85630 Grasbrunn  
Germany  
www.boschsecurity.com

**North America:**  
Bosch Security Systems, Inc.  
130 Perinton Parkway  
Fairport, New York, 14450, USA  
Phone: +1 800 289 0096  
Fax: +1 585 223 9180  
onlinehelp@us.bosch.com  
www.boschsecurity.us

**Asia-Pacific:**  
Robert Bosch (SEA) Pte Ltd, Security Systems  
11 Bishan Street 21  
Singapore 573943  
Phone: +65 6571 2808  
Fax: +65 6571 2699  
apr.securitysystems@bosch.com  
www.boschsecurity.asia