

# LBD3902-x 6W Cabinet Loudspeaker

www.boschsecurity.com



**BOSCH**  
Invented for life



- ▶ Good speech intelligibility and background music reproduction.
- ▶ Available in black or white.
- ▶ MDF construction.

The LBD3902-x is a 6 W, general-purpose, cost effective loudspeaker for indoor use. Keyholes at the rear are provided for quick and easy wall mounting. The angled front baffle results in a better sound in the listening area. The cabinet is available in black or white.

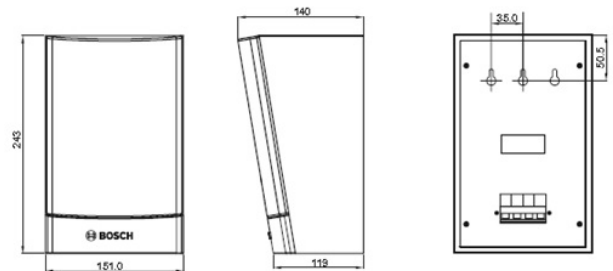
## Functions

The robust, solid MDF (Medium Density Fiber board) enclosures are covered with a durable, easy-to-clean vinyl in white or black. The ABS fronts are covered with fine woven cloth in matching color.

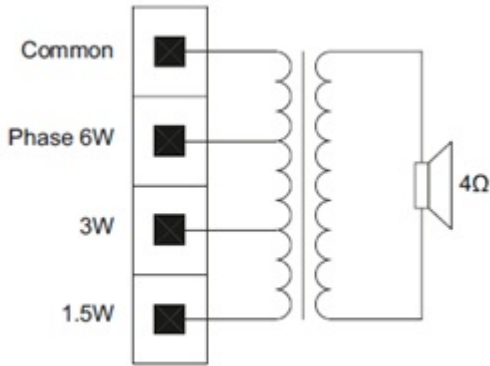
The loudspeaker has been tested for operation at rated power for 100 hours in accordance with IEC 268-5 Power Handling Capacity (PHC) standards.

## Installation/configuration notes

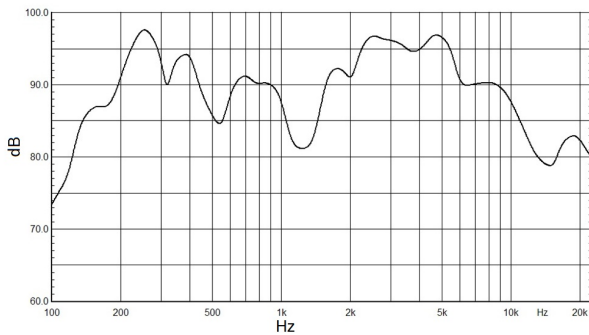
Three keyholes in the rear panel provide easy and quick wall mounting. A convenient, easy-to-use, 4-pole push-in terminal block is on the rear panel for on-site wiring. This terminal block has provision for power tapping on the 100-volt, matching transformer in the cabinet. It allows selection of nominal full-power, half-power or quarter power radiation (in 3 dB steps).



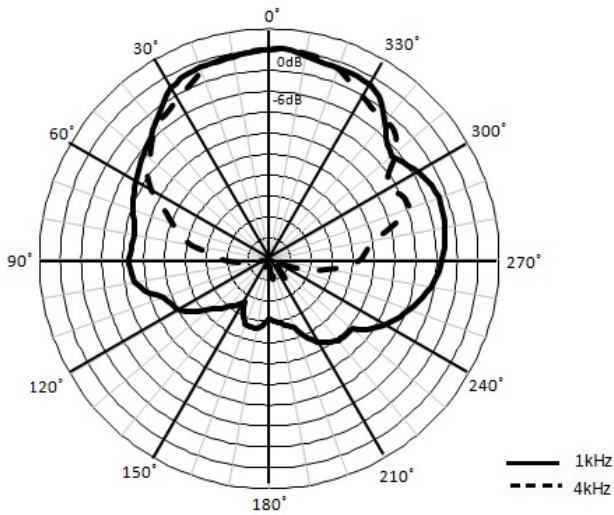
Dimensions in mm



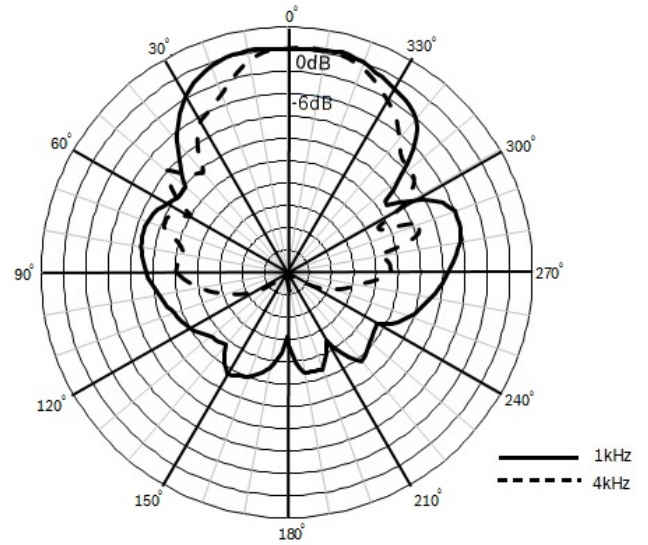
Circuit Diagram



Frequency Response



Horizontal Polar Diagram



Vertical Polar Diagram

**Technical specifications**

**Electrical**

Rated Power	6W
Sound Pressure Level at 6W/1 W (1 kHz, 1 m)	96dB/88dB
Effective frequency range	150Hz to 15kHz
Opening angle horizontal(1kHz/4kHz,-6dB)	165°/95°
Opening angle vertical(1kHz/4kHz,-6dB)	160°/70°
Rated Impedance	1667 Ohm
Rated input voltage	100V
Connector	4 Pole Push In Terminal

**Mechanical**

Dimensions (H x W x D)	243x151x140/119 (in mm)
Weight	1.3 kg
Color	LBD3902-L(White) , LBD3902-D(Dark)

**Environmental**

Operating temperature	-5 °C to +55 °C
Storage temperature	-40 °C to +70 °C

**Ordering information**

**6W Wooden Box Cabinet Speaker-Dark**  
Order number **LBD3902-D**

**6W Wooden Box Cabinet Speaker-White**  
Order number **LBD3902-L**

**Represented by:**

**Americas:**

Bosch Security Systems, Inc.  
12000 Portland Avenue South  
Burnsville MN 55337, USA  
Phone: +1-800-392-3497  
Fax: +1-800-955-6831  
audiosupport@us.bosch.com  
www.boschsecurity.com

**Europe, Middle East, Africa:**

Bosch Security Systems B.V.  
P.O. Box 80002  
5617 BA Eindhoven, The Netherlands  
Phone: + 31 40 2577 284  
Fax: +31 40 2577 330  
emea.securitysystems@bosch.com  
www.boschsecurity.com

**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

**China:**

Bosch (Shanghai) Security Systems Ltd.  
201 Building, No. 333 Fuquan Road  
North IBP  
Changning District, Shanghai  
200335 China  
Phone +86 21 22181111  
Fax: +86 21 22182398  
www.boschsecurity.com.cn

**America Latina:**

Robert Bosch Ltda Security Systems Division  
Via Anhanguera, Km 98  
CEP 13065-900  
Campinas, Sao Paulo, Brazil  
Phone: +55 19 2103 2860  
Fax: +55 19 2103 2862  
latam.boschsecurity@bosch.com  
www.boschsecurity.com