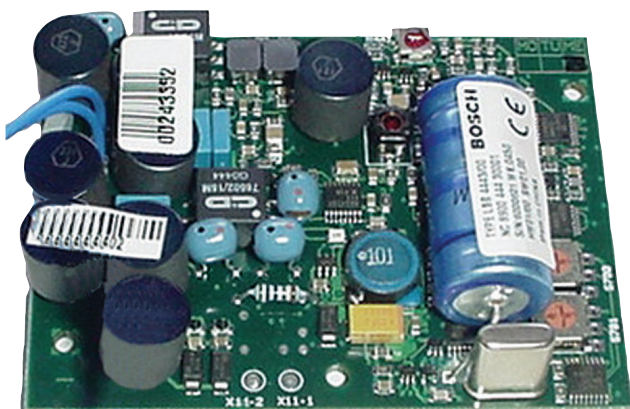




# LBB 4443/00 End of Line (EOL) Supervision Board



- ▶ Loudspeaker line monitoring without additional cabling
- ▶ Open-circuit fault detection
- ▶ Compatible with 100 V and 70 V loudspeaker lines
- ▶ Powering of the supervision-board from the power amplifier
- ▶ Communication is not affected by the audio signals on the line

The board monitors the integrity of a loudspeaker line. The boards work together with the LBB 4440/00 Supervision Control Board to monitor the status of the loudspeaker line and all of its branches. The line status is communicated to the LBB 4440/00 via the existing loudspeaker cable.

## Functions

The board is mounted inside the case of the last loudspeaker on the loudspeaker line, or inside a separate case. Supervision of branched lines is possible. If a loudspeaker line has multiple branches, a separate LBB 4443/00 is required for the last loudspeaker in each branch. The board detects and reports line faults within 100 s.

## Interconnections

- Two 30 cm flying leads
- Two faston connectors

## Certifications and Approvals

Region	Certification	
Europe	CE	Declaration of Conformity Traction
	TUEV-SUED	TUV Certificate IEC60849
	GL	GL-SOLAS
Poland	CNBOP	
Safety	acc. to IEC 60065 / EN 60065	
Immunity	acc. to EN 55103-2 / EN 50130-4 / EN 50121-4	
Emissions	acc. to EN 55103-1 / FCC-47 part 15B	
Emergency	acc. to EN 60849 / EN 54-16 / ISO 7240-16	
Maritime	acc. to IEC 60945	

## Installation/Configuration Notes

The following loudspeakers have a provision for installing a supervision board:

Ceiling loudspeakers	Column loudspeakers	Sound projectors
LC1-WM06E	LBC 3210/00	LBC 3432/01
LC1-UM06E	LA1-UM20E	LS1-OC100E
LC1-UM12E	LA1-UM40E	
LC1-UM24E	<b>Horn loudspeakers</b>	
LBC 3510/40	LBC 3403/16	
LBC 3520/40	LBC 3404/16	
LBC 3530/40	LBC 3405/16	
<b>Cabinet loudspeakers</b>		LBC 3406/16
LBC 3011/41	LH1-10M10E	
LBC 3011/51	LBC 3482/00	
LB1-UM06E	LBC 3483/00	
LBC 3018/00	LBC 3484/00	

## Technical Specifications

### Mechanical

Dimensions (H x W x D) 78 x 60 x 22 mm (3.0 x 2.3 x 0.8 in)

Weight 70 g (2.4 ounces)

Mounting Internally in the loudspeaker  
An optional mounting bracket,  
LBB 4446/00 is available

### Environmental

Operating temperature -5 °C to +55 °C (+23 °F to +131 °F)

Storage temperature -20 °C to +70 °C (-4 °F to +158 °F)

Humidity 15% to 90%

Air pressure 600 to 1100 hPa

## Ordering Information

**LBB 4443/00 End of Line (EOL) Supervision Board** **LBB4443/00**  
monitors the integrity of a loudspeaker line

### Accessories

**LBB 4443/00-CN End of Line (EOL) Supervision Board** **LBB4443/00-CN**  
China version, monitors the integrity of a loudspeaker line

**LBB 4440/00 Supervision Control Board** **LBB4440/00**  
for use in the power amplifier on each amplifier channel

**LBB 4440/00-CN Supervision Control Board** **LBB4440/00-CN**  
China version, for use in the power amplifier on each amplifier channel

## Ordering Information

**LBB 4446/00 Set of Supervision Board Brackets (10 pcs)** **LBB 4446/00**  
intended for mounting supervision boards.

**PRS-16MCI Multichannel Interface** **PRS-16MCI**  
a network interface to the Praesideo basic amplifiers.

**Americas:**  
Bosch Communications Systems  
12000 Portland Avenue South  
Burnsville, Minnesota 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  
5600 JB 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  
11 Bishan Street 21  
Singapore 573943  
Phone: +65 6571 2600  
Fax: +65 6571 2698  
apr.securitysystems@bosch.com  
www.boschsecurity.com

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