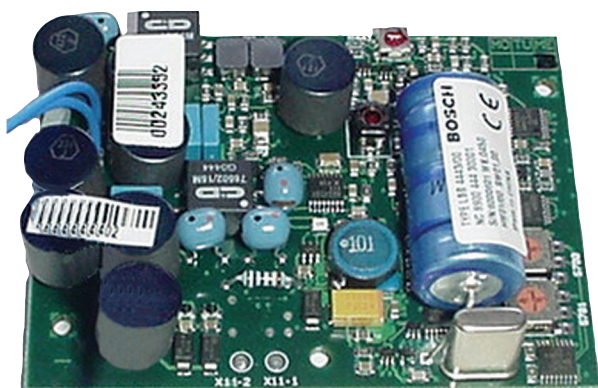


# LBB 4443/00 End of Line (EOL) Supervision Board

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Invented for life



- ▶ 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

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

Region	Certification	
Europe	CPR	EU_CPR
	CE	
	CE	COC
	CE	CertAlarm
	CE	DOP
	GL	
Poland	CNBOP	

### 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 3432/02
LC1-UM06E	LA1-UM20E-1	LS1-OC100E-1

LC1-UM12E	LA1-UM40E-1
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-1	LBC 3483/00
LBC 3018/01	LBC 3484/00
LB1-UM20E-D/L	LH1-UC30E
LB1-UM50E-D/L	
LB3-PC250	
LB3-PC350	

## 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

Line supervision slave PCB for connecting to the end of a loudspeaker line or the end of a spur, operates with LBB4440/00 to monitor the integrity of the line.  
Order number **LBB4443/00**

### Accessories

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

Line supervision slave PCB for connecting to the end of a loudspeaker line or the end of a spur, operates with LBB4440/00 to monitor the integrity of the line, Chinese version.  
Order number **LBB4443/00-CN**

### LBB 4440/00 Supervision Control Board

Line and loudspeaker supervision master PCB for mounting in a Praesideo network connected power amplifier, one board is needed per channel.  
Order number **LBB4440/00**

### LBB 4440/00-CN Supervision Control Board

Line and loudspeaker supervision master PCB for mounting in a Praesideo network connected power amplifier, one board is needed per channel, Chinese version.  
Order number **LBB4440/00-CN**

### LBB 4446/00 Set of Supervision Board Brackets (10 pcs)

Aluminum brackets for mounting supervision slave boards in a loudspeaker cabinet or cable box (set of 10 pieces).  
Order number **LBB4446/00**

### PRS-16MCI Multichannel Interface

Interface to Praesideo network, provides 16 audio outputs with control and supervision to non-network connected basic amplifiers, powered from the Praesideo network or the connected amplifiers, rack unit 2 RU.  
Order number **PRS-16MCI**

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