



# LBB 1946/00 Plena 6-zone Call Station



The Plena 6-zone call station is a stylish high-quality call station with a stable metal base design, a flexible microphone stem and a unidirectional condenser microphone. It is intended for making calls to selected zones (1 to 6 and all-call) in a PA system built around the LBB 1925/00 system pre-amplifier. In addition to table-top use, the special design enables the unit to be neatly flush-mounted in desk tops.

## Functions

This call station features selectable gain, a selectable speech filter and a limiter for improved intelligibility, even if the speaker moves in front of the microphone. Because the call station provides a balanced line level output, it can be positioned up to 100 m away from the amplifier, using CAT-5 extension cables.

Dipswitches on the bottom of the call station can be used to select different pre- and post-call chimes, as well as the priority level. Selected zones are indicated with LEDs on the call station, and an additional bi-color LED gives visible feedback on the active state of the microphone and the system. Green indicates microphone on or chime active (flashing LED); amber indicates that the system is occupied by a source with a higher priority or operation error (flashing LED).

- ▶ Stylish 6-zone call station, intended for LBB 1925/00 system pre-amplifier
- ▶ Unidirectional condenser microphone on flexible stem
- ▶ Six zone selection keys, all-call key and momentary PTT-key for calls
- ▶ Selectable gain, speech filter and limiter for improved intelligibility
- ▶ Selectable priority levels and different pre- and post-call chimes
- ▶ LED indications for zone selection, system occupation and call station status

## Parts Included

Quantity	Component
1	LBB 1946/00 Plena Call Station
1	5m cable terminated with a lockable 8-pin DIN connector
1	Loopthrough 8-pin DIN socket to add an additional call station LBB 1941/00 or LBB 1946/00

## Technical Specifications

### Electrical

#### Power Supply

Voltage Range	18 – 24 V (24 V by LBB 1925/00)
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Current Consumption	<30 mA
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#### Performance

Nominal Sensitivity	85 dB SPL (gain preset 0 dB)
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Nominal Output Level	700 mV
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Maximum Input Sound Level	110 dB SPL
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Gain Preset	+6 / 0 / -15 dB
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Limiter Threshold	2 V
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Compression Ratio Limiter	1:20
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Distortion	<0.6% (maximum input)
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Equivalent Input Noise Level	25 dB SPLA
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Frequency Response	100 Hz – 16 kHz
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Speech Filter	-3 dB @ 315Hz, high-pass, 6 dB / oct
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Output Impedance	200 ohm
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#### Selections

Chimes	18 different combinations
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Priorities	2 different priorities
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### Environmental

Operating Temperature	-10°C to +55°C
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Storage Temperature	-40°C to +70°C
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Relative Humidity	<95%
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EMC Emission	acc. to EN 55103-1
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EMC Immunity	acc. to EN 55103-2
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#### Dimensions

Base	40 x 100 x 235 mm (1.57 x 3.97 x 9.25 inch)
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Stem Length with Microphone	390 mm (15.35 inch)
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Cable Length	5 m (196.85 inch)
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Weight	approx. 1 kg
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## Ordering Information

### Model | Description

LBB 1946/00 Plena 6-zone Call Station

**Americas:**  
Bosch Security Systems  
130 Perinton Parkway  
Fairport, New York, 14450, USA  
Phone: +1 585 223 4060  
Fax: +1 800 289 0096  
security.sales@us.bosch.com  
www.boschsecurity.us

**Europe, Middle East, Africa:**  
Bosch Security Systems B.V.  
P.O. Box 80002  
5600 JB Eindhoven, The Netherlands  
Phone: +31 (0) 40 27 83955  
Fax: +31 (0) 40 27 86668  
emea.securitysystems@bosch.com  
www.boschsecurity.com

**Asia-Pacific:**  
Bosch Security Systems Pte Ltd  
38C Jalan Pemimpin  
Singapore 577180  
Phone: +65 6319 3450  
Fax: +65 6319 3499  
apr.securitysystems@bosch.com  
www.boschsecurity.com

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