

LBB 1946/00 Plena Six-zone Call Station

www.boschsecurity.com



BOSCH
Invented for life



- ▶ Stylish six-zone call station, intended for LBB 1925/10 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

The Plena Six-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 can make calls to selected zones (one to six and all-call) in a public address system built around the LBB 1925/10 system pre-amplifier. In addition to tabletop use, the special design enables the unit to be neatly flush-mounted in desktops.

Functions

This call station features selectable gain, a selectable speech filter, and a limiter for improved intelligibility. The call station has a balanced line level output, making it possible to position it up to 100 m away from the LBB 1925/10, using extension cables.

Dipswitches on the bottom of the call station configure different pre and post-call chimes, as well as the priority level. LEDs on the call station indicate selected zones, and an additional, two-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).

Controls and indicators

- PTT-key
- PTT status LED
- Six zone selection keys
- Six zone selection LEDs
- All-call key
- All-call status LED
- Eight DIP switches

Interconnections

- Cable with DIN connector

Certifications and approvals

Safety	acc. to EN 60065
Immunity	acc. to EN 55103-2
Emission	acc. to EN 55103-1

Region	Certification
Europe	CE

Parts included

Quantity	Component
1	LBB 1946/00 Plena Six-zone Call Station

- 1 5 m cable terminated with a lockable 8-pin DIN connector
- 1 Loop through 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 to 24 V (24 V supplied by LBB 1925/10)
Current consumption	<30 mA

Performance

Nominal sensitivity	85 dB SPL (gain preset 0 dB)
Nominal output level	700 mV
Maximum input sound level	110 dB SPL
Gain preset	+6 / 0 / -15 dB
Limiter threshold	2 V
Compression ratio limiter	1:20
Distortion	<0.6% (maximum input)
Input noise level (equiv.)	25 dB SPLA
Frequency response	100 Hz to 16 kHz
Speech filter	-3dB @ 315 Hz, high-pass, 6 dB/oct
Output impedance	200 ohm

Selections

Chimes	18 different combinations
Priorities	2 different priorities

Mechanical

Base dimensions (H x W x D)	40 x 100 x 235 mm (1.57 x 3.97 x 9.25 in)
Weight	Approx. 1 kg (2.2 lb)
Color	Charcoal with silver
Stem length with mic	390 mm (15.35 in)
Cable length	5 m (16.4 ft)

Environmental

Operating temperature	-10 °C to +55 °C (14 °F to +131 °F)
Storage temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Relative humidity	<95%

Ordering information

LBB 1946/00 Plena Six-zone Call Station

metal base design, a flexible microphone stem, and a unidirectional condenser microphone. It can make calls to selected zones (one to six and all-call).

Order number **LBB1946/00**

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
al.securitysystems@bosch.com
www.boschsecurity.com