



**BOSCH**  
Invented for life

# LBB 1941/00 Plena Call Station



- ▶ Stylish all-call call station, intended for LBB 1925/10 system pre-amplifier
- ▶ Unidirectional condenser microphone on flexible stem
- ▶ Momentary PTT-key for calls
- ▶ Selectable gain, speech filter, and limiter for improved intelligibility
- ▶ Stable metal base design
- ▶ Fixed 5 m cable and loop-through connector for additional call stations

The Plena Call Station is a stylish, high-quality call station with a stable metal base design, a flexible microphone stem, and a unidirectional condenser microphone. Its purpose is to make calls to all zones (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

A green LED on the call station gives visible feedback on the active state of the microphone.

This call station features selectable gain, a selectable speech filter, and a limiter for improved intelligibility, even when the speaker moves in front of the microphone.

The call station provides a balanced line-level output, and can be up to 500 m away from the amplifier using extension cables. The LBB 1925/10 can assign different priority levels, and pre and post-call chimes to this call station.

### Controls and indicators

- PTT-key
- PTT status LED

### Interconnections

- Cable with DIN connector

## Certifications and Approvals

Region	Certification	
Europe	CE	Declaration of Conformity
Safety		acc. to EN 60065
Immunity		acc. to EN 55103-2
Emission		acc. to EN 55103-1

## Parts Included

Quantity	Component
1	LBB 1941/00 Plena 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
----------------------	--------

Input sound level (max)	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
------------------	---------

### Mechanical

Base dimensions	40 x 100 x 235 mm (1.57 x 3.97 x 9.25 in)
-----------------	--

Weight	Approx. 1 kg
--------	--------------

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 1941/00 Plena Call Station

all-call call station for LBB1925/10, a flexible microphone, a flexible microphone stem, and a unidirectional condenser microphone

### LBB1941/00

**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

**Represented by**