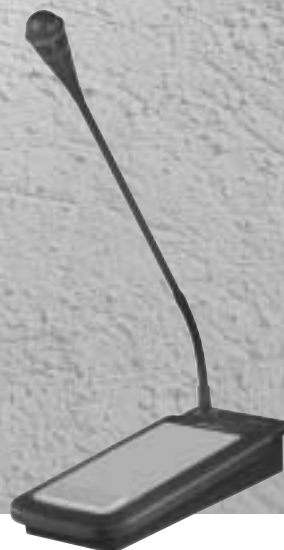


# LBB 1941/00

## Plena Call Station



Security Systems



- Stylish all-call call station, intended for LBB1925/00 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

### LBB 1941/00 Plena Call Station

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. It is intended for making calls to all zones (i.e. all-call) in a PA system built around the LBB 1925/00 system pre-amplifier. Except for table-top use, the special design allows also for neatly flush mounting in desk tops.

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 500m away from the amplifier, using CAT-5 extension cables. Inside the LBB 1925/00 different priority levels and pre- and post-call chimes can be assigned for this call station. A green LED on the call station gives visible feedback on the active state of the microphone.

The LBB 1941/00 comes with a 5m cable terminated with a lockable 8-pin DIN connector. It also has a loophrough 8-pin DIN socket to add an additional LBB 1941/00 or LBB 1946/00 call station.

## SPECIFICATIONS (IEC60268-3)

## ELECTRICAL

## Power supply

Voltage range	18 – 24 V (24 V supplied by LBB 1925/00)
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)
Equivalent input noise level	25 dB SPLA
Frequency response	100 Hz – 16 kHz
Speech filter	-3 dB @ 315 Hz, high-pass, 6 dB/oct
Output impedance	200 Ohm

## ENVIRONMENTAL CONDITIONS

Operating temperature range	-10 to +55°C
Storage temperature range	-40 to +70°C
Relative humidity	<95%

## GENERAL

EMC emission	acc. to EN 55103-1
EMC immunity	acc. to EN 55103-2
Dimensions	40 x 100 x 235 mm (base) 390 mm stem length (with microphone)
Cable length	5 m
Weight	approx. 1 kg

# BOSCH

Bosch Security Systems B.V.  
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