

LBB 1946/00 Plena 6-zone Call Station



Security Systems



- 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

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).

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

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Technical Specifications	
Electrical	
Power Supply	
Voltage Range	18 – 24 V (24 V 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 @ 315Hz, high-pass, 6 dB / oct
Output Impedance	200 ohm
Selections	
Chimes	18 different combinations
Priorities	2 different priorities

Environmental	
Operating Temperature	-10°C to +55°C
Storage Temperature	-40°C to +70°C
Relative Humidity	<95%
EMC Emission	acc. to EN 55103-1
EMC Immunity	acc. to EN 55103-2
Dimensions	
Base	40 x 100 x 235 mm (1.57 x 3.97 x 9.25 inch)
Stem Length with Microphone	390 mm (15.35 inch)
Cable Length	5 m (196.85 inch)
Weight	approx. 1 kg

Ordering Information

Model & Description

LBB 1946/00 Plena 6-zone Call Station

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