

LBB 1956/00 Plena Voice Alarm Call station



Security Systems



- Stylish 6-zone call station, intended for LBB1990/00 Voice Alarm System Controller
- Six zone selection keys, all-call key and momentary PTT-key for calls
- Selectable gain, speech filter and limiter for improved intelligibility
- LED indications for zone selection, fault and emergency state
- Call station extension provides 7 additional zone and zone group keys

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 LBB1990/00 Voice Alarm System. Except for table-top use, the special design allows also for neatly flush mounting in desk tops.

Functions

On each call station it is possible to select 6 zones with the possibility to connect up to 8 call station keypads to increase the number of zones or zone groups that can be selected. Each keypad adds 7 zone or zone group keys.

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 100m away from the amplifier, using CAT-5 extension cables.

Using dipswitches on the bottom of the call station different microphone gain levels can be selected as well as the call station ID and the speech filter. Selected zones are indicated with LEDs on the call station, three additional LEDs give visible feedback on the active state of the microphone and the system. Green indicates microphone active, amber indicates that the system has detected a fault (IEC 80649) and red indicates that the system is in the emergency state.

Parts included

Qty	Components
1	LBB 1956/00 Plena Call Station (inc. LBB 1957/00)
1	cable terminated with a lockable CAT-5 connector
1	Loophrough CAT-5 socket to add additional call stations.

Certifications and Approvals

EMC emission	acc. to EN 55103-1
EMC immunity	acc. to EN 55103-2

Technical Specifications

LBB 1956/00 Plena Voice Alarm Call station

ELECTRICAL

Power supply

Voltage range	18 – 24V (24 V by LBB1925/00)
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Current consumption	<30 mA Call Station <15 mA Key Pad
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Performance

Nominal sensitivity	85 dB SPL (gain preset 0dB)
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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	20:1
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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	100Hz – 16kHz
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Speech filter	-3 dB @ 315 Hz, high-pass, 6 dB/oct
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Output impedance	200 Ohms
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Selections

ENVIRONMENTAL

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

base	40x100x235 mm (1.57x3.97x9.25 in)
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stem length with microphone	390 mm (15.35 in)
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Cable length	5 m (196.85 in)
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Weight approx.	1 kg
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Ordering Information

LBB 1956/00 Plena Voice Alarm Call station LBB195600

Bosch Security Systems

For more information please visit

www.boschsecuritysystems.com

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