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# LBB 1946/00 Plena Six-zone Call Station



- ▶ **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**
- ▶ **LED indications for zone selection, system activity, and call station status**

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.

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

#### Interconnections

- Two 8-pin DIN connectors
- 24 VDC input
- Keypad connector

## 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 CAT-5 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

## Certifications and Approvals

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

## 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)
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Current consumption	<30 mA
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#### Performance

Nominal sensitivity	85 dB SPL (gain preset 0 dB)
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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	1:20
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Distortion	<0.6% (maximum input)
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Input noise level (equiv.)	25 dB SPLA
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Frequency response	100 Hz to 16 kHz
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Speech filter	-3dB @ 315 Hz, high-pass, 6 dB/oct
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Output impedance	200 ohm
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#### Selections

Chimes	18 different combinations
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Priorities	2 different priorities
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### Mechanical

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

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

### LBB 1946/00 Plena Six-zone Call Station

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