LBB1950/10 Table-top microphone

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The Plena tabletop microphone is a stylish, highquality tabletop unidirectional condenser microphone, mainly intended for making calls in a public address system. Its heavy metal base and rubber feet ensure stability on any flat surface. The special design also allows the unit to be neatly flush-mounted in desktops.

Functions

The PTT-key (press-to-talk), not only switches on the microphone, but also provides priority contacts, that are compatible with the Plena range of amplifiers. The switching characteristic of the PTT-key can be configured internally for PTT-mode (on as long as pressed) or toggle-mode (press to switch on, press again to switch off).

The microphone is equipped with a fixed, flexible 2 m cable and a 5-pin DIN connector for the balanced signal and the priority contacts. If the priority contacts are not required, the microphone can be connected to amplifiers with 3-pin XLR-inputs, using the DIN to XLR adapter.

A green LED indicates when the microphone is active.

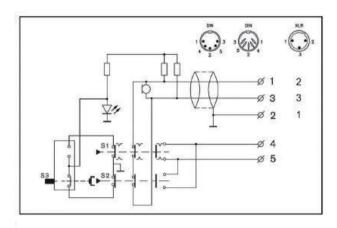
Controls and indicators

- PTT-key
- PTT status LED

- Stylish tabletop unidirectional condenser microphone on a flexible stem
- Phantom powered by amplifier
- Momentary or toggle PTT-key for calls with priority contact
- ▶ Green LED, indicating microphone active
- Stable metal base design with fixed 2 m cable and lockable DIN connector

Certifications and approvals			
Safety		acc. to EN 60065	
Immunity		acc. to EN 55103-2	
Emission		acc. to EN 55103-1	
Region	Regulatory compliance/quality marks		
Europe	CE		

Installation/configuration notes



Circuit diagram

Component 1 LBB 1950/10 PLENA Tabletop Unidirectional Condenser Microphone 1 DIN to XLR adapter

Technical specifications

Electrical

Phantom power supply			
Voltage range	12 to 48 V		
Current consumption	<8 mA		
Performance			
Sensitivity	0.7 mV @ 85 dB SPL (2 mV/Pa)		
Maximum input sound level	110 dB SPL		
Distortion	<0.6% (maximum input)		
Input noise level (equiv.)	28 dB SPLA (S/N 66 dBA ref. 1 Pa)		
Frequency response	100 Hz to 16 kHz		
Output impedance	200 ohm		
Mechanical			
Base dimensions (H x W x D)	40 x 100 x 235 mm (1.57 x 3.97 x 9.25 in)		
Weight	Approx. 1 kg (2.2 lb)		
Color	Charcoal with silver		
Stem length with mic	390 mm (15.35 in)		
Cable length	2 m (6.56 ft)		

Environmental

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

Ordering information

Table-top microphone

Tabletop unidirectional condenser microphone on a flexible stem.

Order number LBB1950/10

Accessories

Microphone cable, 4-core, 100m

Microphone cable for permanent installations, black, 2 + 2 core screened cables (4 x 0.14 mm²), suitable for microphone connections with remote control or priority functions, length 100 m. Order number LBC1081/00

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