


**BOSCH**

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# LBB 1950/10 Plena Table-Top Uni-Directional Condenser Microphone



- ▶ Stylish table-top uni-directional 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
- ▶ Separate DIN to XLR adapter.

The Plena table-top microphone is a stylish, high-quality table-top unidirectional condenser microphone, mainly intended for making calls in a PA system. Its heavy metal base and rubber feet ensure a stable position on any flat surface. The special design also allows the unit to be neatly flush-mounted in desk tops.

## Functions

The microphone is powered by the phantom power supply of the amplifier to which it is connected. Its PTT (Press-To-Talk)-key not only switches on the microphone but also provides priority contacts, matching the Plena range of amplifiers. The switching characteristic of the PTT-key can be selected internally between momentary (on as long as pressed) and toggle (press to switch on, press again to switch off). It 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 contact is not required, the microphone can be connected to amplifiers with 3-pin XLR-inputs, using the DIN to XLR adapter. A green LED indicates that the microphone is active when the PTT-key is pressed.

## Certifications and Approvals

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

## Parts Included

Quantity	Component
1	LBB 1950/10 PLENA Table-top Microphone
1	DIN to XLR adapter

## Technical Specifications

### Electrical

#### Phantom Power Supply

Voltage Range	12 – 48 V
Current Consumption	<8 mA

### Performance

Sensitivity	0.7 mV @ 85dB SPL (i.e. 2 mV / Pa)
Maximum Input Sound Level	110 dB SPL
Distortion	<0.6% (maximum input)
Equivalent Input Noise Level	28 dB SPLA (i.e. S/N 66 dBA ref. 1 Pa)
Frequency Response	100 Hz – 16 kHz
Output impedance	200 ohm

### Environmental

Operating Temperature	-10°C to +55°C
Storage Temperature	-40°C to +70°C
Relative Humidity	<95%

#### 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	2 m (78.75 inch)
Weight	approx. 1 kg

## Ordering Information

### Model | Description

LBB 1950/10 Plena Table-Top Uni-Directional Condenser Microphone

### Hardware Accessories

LBC 1102/02 Cable Transformer  
for galvanic separation

LBC 1208/40 Microphone Cable  
three-pole XLR; 10 m

LBC 1080/00 Microphone Cable  
Length 100 m; 2 x 0.13 mm<sup>2</sup>

LBC 1082/00 Microphone Cable  
Length 100 m; 2 x 0.75 mm<sup>2</sup>

LBC 1081/00 Microphone Cable  
Length 100 m; 4 x 0.14 mm<sup>2</sup>

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