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# LBB 9600/20 Condenser Hand-held Microphone



This condenser microphone is based on an electric transducer element in a sturdy housing with shielding against wind and wind bursts (pops). It is intended for public address and sound reinforcement applications, such as in churches, theaters, and congress centers.

## Functions

The hand-held LBB 9600/20 is an excellent microphone with almost frequency independent, unidirectional directivity. Its low equivalent input noise level and insensitivity to stray electrostatic and electromagnetic fields keep the audio signal free from spurious noise. The microphone has an on/off slide-switch and a 3-pin, lockable XLR plug. It uses a phantom power supply, which is available on all microphone inputs on Bosch public address amplifiers.

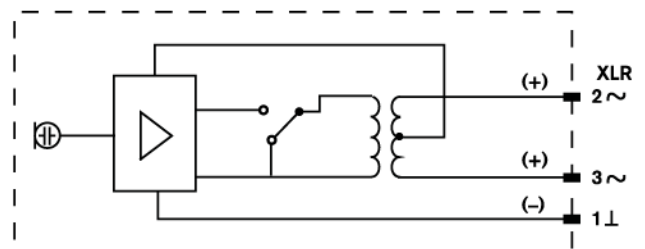
It comes with a push-on clip with a Whitworth-threaded screw fitting, and a multi-thread adaptor (3/8", 1/2", and 5/8") for mounting. The supplied 7 m (23 ft) connection cable has 3-pin, lockable male and female XLR connectors.

- ▶ Condenser transducer
- ▶ Uni-directional
- ▶ High speech intelligibility
- ▶ Low sensitivity to case noise and vibrations
- ▶ Phantom powered
- ▶ Rugged construction
- ▶ Modern non-reflecting matt black finish

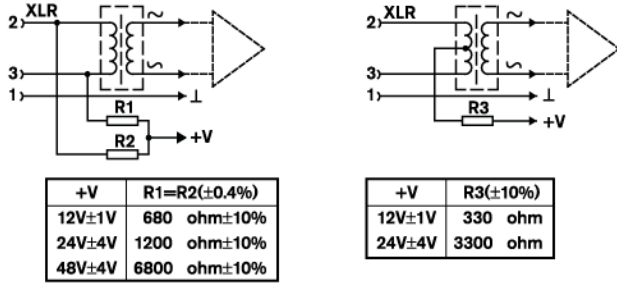
## Accessories

A number of accessories, such as extension cables, table stands and floor stands are also available. See the separate microphone accessories data sheet.

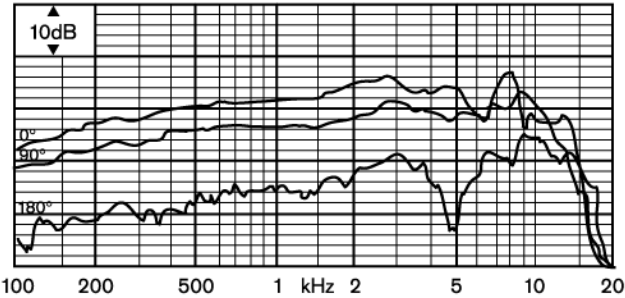
## Installation/Configuration Notes



*Circuit diagram*



Circuit diagram



Frequency response

## Technical Specifications

### Electrical\*

#### Phantom power supply

Voltage range 11 V to 52 V (acc. to DIN 45596 and IEC 268-15A)

Current consumption <1.5 mA

#### Performance

Polar pattern Unidirectional

Frequency range 100 Hz to 16 kHz

Sensitivity 2 mV/Pa +/-3 dB  
(-54 dB rel. to 1 V/Pa)

Rated output impedance 200 ohm

Equivalent input noise level 26 dB (A)

### Mechanical

Switch On/off slide

Cable type

Cable length 7 m (23 ft)

Dimensions (D x L) 54 x 170 mm (2.13 x 6.69 in)

Connector 3-pin XLR (male)

Color Black

Weight 245 g

### Environmental

Ambient temperature -20 °C to +55 °C

\*) Technical performance data acc. to IEC 60268-4

## Ordering Information

### Model | Description

LBB 9600/20 Condenser Hand-held Microphone  
7 m (23 foot) cable, 3-pin lockable male and female XLR connectors

### Hardware Accessories

LBC 1102/02 Cable Transformer  
for galvanic separation

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

LBC 1221/01 Floor Stand  
Three folding legs; 850 x 110 mm

LBC 1226/01 Adjustable Boom  
Maximum reach of 670 mm; Length 840 mm

LBC 1227/01 Table Stand  
with 3/8" Whitworth stud; 130 mm diameter

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