

# LBB 9600/20 Condenser Handheld Microphone

www.boschsecurity.com



**BOSCH**  
Invented for life



- ▶ Condenser transducer
- ▶ Unidirectional
- ▶ High speech intelligibility
- ▶ Low sensitivity to case noise and vibrations
- ▶ Phantom powered

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 conference centers.

## Functions

The handheld 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.

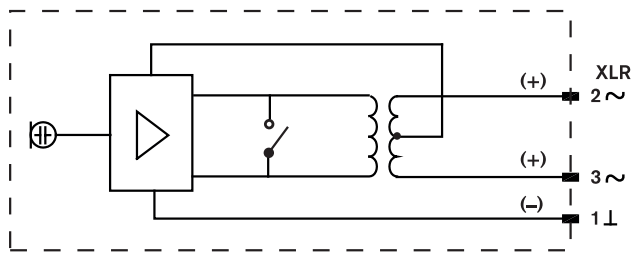
## Accessories

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

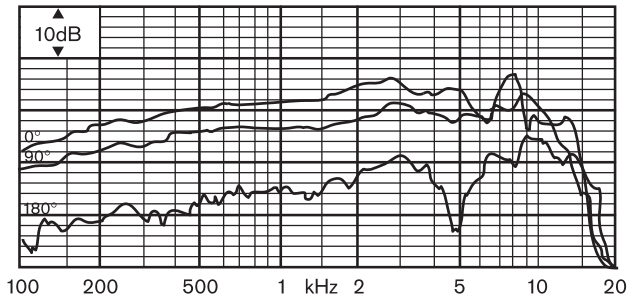
## Certifications and approvals

Region	Certification
Europe	CE Declaration of Conformity

## Installation/configuration notes



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)

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

### Mechanical

Dimensions (D x L)	54 x 170 mm (2.13 x 6.69 in)
Weight	245 g (8.64 oz)
Color	Black
Switch	On/off slide
Cable type	
Cable length	7 m (23 ft)
Connector	3-pin XLR (male)

## Environmental

Operating temperature	-20 °C to +55 °C (-4 °F to +131 °F)
Storage temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Relative humidity	<95%

## Ordering information

### LBB 9600/20 Condenser Handheld Microphone

Condenser hand-held microphone, unidirectional, matt-black finish, on/off switch, supplied with 7 m (23 ft) cable, 3-pin lockable male and female XLR connectors.

Order number **LBB9600/20**

### Accessories

#### LBC 1221/01 Floor Stand

Microphone floor stand, three folding legs, matt black, adjustable length from 850 to 1600 mm (2.79 to 5.25 ft) with twist clamp, threaded connector 3/8" Whitworth.

Order number **LBC1221/01**

#### LBC 1226/01 Adjustable Boom

Microphone boom arm, matt black, maximum reach 670 mm (2.12 ft), length 840 mm (2.76 ft), fits onto 3/8" Whitworth threaded microphone stands.

Order number **LBC1226/01**

#### LBC 1227/01 Table Stand

Table microphone stand, matt black, heavy round cast-iron base, 130 mm (5.12 in) diameter with shock-absorbing rubber insert under surface, with 3/8" Whitworth stud.

Order number **LBC1227/01**

**Represented by:**

**Americas:**

Bosch Security Systems, Inc.  
12000 Portland Avenue South  
Burnsville MN 55337, USA  
Phone: +1-800-392-3497  
Fax: +1-800-955-6831  
audiosupport@us.bosch.com  
www.boschsecurity.com

**Europe, Middle East, Africa:**

Bosch Security Systems B.V.  
P.O. Box 80002  
5617 BA Eindhoven, The Netherlands  
Phone: + 31 40 2577 284  
Fax: +31 40 2577 330  
emea.securitysystems@bosch.com  
www.boschsecurity.com

**Asia-Pacific:**

Robert Bosch (SEA) Pte Ltd, Security  
Systems  
11 Bishan Street 21  
Singapore 573943  
Phone: +65 6571 2808  
Fax: +65 6571 2699  
apr.securitysystems@bosch.com  
www.boschsecurity.asia

**China:**

Bosch (Shanghai) Security Systems Ltd.  
201 Building, No. 333 Fuquan Road  
North IBP  
Changning District, Shanghai  
200335 China  
Phone +86 21 22181111  
Fax: +86 21 22182398  
www.boschsecurity.com.cn

**America Latina:**

Robert Bosch Ltda Security Systems Division  
Via Anhanguera, Km 98  
CEP 13065-900  
Campinas, Sao Paulo, Brazil  
Phone: +55 19 2103 2860  
Fax: +55 19 2103 2862  
latam.boschsecurity@bosch.com  
www.boschsecurity.com