# LBC 2900/xx Unidirectional Handheld Microphones

www.boschsecurity.com





- ▶ Unidirectional dynamic microphone
- ► Handheld or stand-mounted use with clip (supplied)
- ► Rugged construction
- ▶ Modern non-reflective dark grey finish

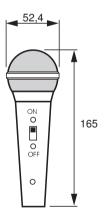
With this unidirectional microphone, Bosch provides impressive audio performance at an economical price. The LBC 2900/xx is based on a dynamic transducer element that is designed for high speech intelligibility. Its rugged enclosure is both stylish and easy to use in a wide range of public and sound reinforcement applications.

# **Functions**

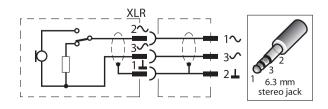
The LBC 2900/xx is a unidirectional microphone intended for either handheld or stand-mounted use. It has excellent cardioid directivity, which reduces acoustic feedback. The built-in on/off switch on the microphone body and the 3-pin lockable XLR connector at the base ensure that the microphone is easy to install and securely connected. Its modern design gives shielding against bursts (pops).

The LBC 2900/xx is ideal for use with Bosch mixing amplifiers, which are fitted with jack or XLR connectors for the input channels. Together, they provide affordable yet highly versatile public address solutions for shops, restaurants, leisure centers and other smaller applications.

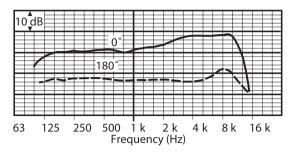
#### Installation/configuration notes



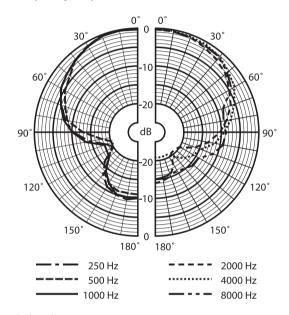
Dimensions in mm



#### Circuit diagram



#### Frequency response



Polar diagram

#### **Parts included**

Quantit y	Component
1	LBC 2900/15 with 7 m (23 ft)shielded black cable terminated with a 6.3 mm (1/4") stereo jack plug or LBC 2900/20 with a 7 m (23 ft) shielded black cable terminated with an XLR male plug
1	Stand bracket with push-on clip for use with microphone stand, and screw-thread adapter for $3/8$ ", $1/2$ ", or $5/8$ " Whitworth-threaded stand

# **Technical specifications**

# Electrical\*

Туре	Handheld
Polar pattern	Unidirectional
Frequency range	80 Hz to 12 kHz
Sensitivity	1.7 mV/Pa ±3 dB
Rated output impedance	600 ohm

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

#### Mechanical

Dimensions (D x L)	52.4 x 165 mm (2.06 x 6.49 in)
Weight	270 g (9.5 oz)
Color	Dark gray
Switch	On/off slide
Cable length	7 m (23 ft)
Connector (/15)	6.3 mm (1/4") stereo jack
Connector (/20)	3-pin XLR

#### **Environmental**

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

# **Ordering information**

# LBC 2900/15 Unidirectional Handheld Microphone

with 7 m (23 ft) cable XLR female / 6.3 mm (1/4") stereo Jack plug connection cable Order number LBC2900/15

#### LBC 2900/20 Unidirectional Handheld Microphone

with 7 m (23 ft) cable XLR male/ female connection cable

Order number LBC2900/20

#### Accessories

#### LBC 1215/01 Microphone Clamp

spring-loaded microphone holder, friction angular adjustment

Order number LBC1215/01

#### LBC 1221/01 Floor Stand

Three folding legs, adjustable length with twist clamp. Order number LBC1221/01

#### LBC 1227/01 Table Stand

with 3/8" Whitworth stud; 130 mm (5.12 in) diameter Order number **LBC1227/01** 

# LBC 1226/01 Adjustable Boom

maximum reach of 670 mm (2.12 ft); length 840 mm (2.76 ft)

Order number LBC1226/01

#### Represented by:

# Americas:

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 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:

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:

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:

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
al.securitysystems@bosch.com
www.boschsecurity.com