

LBC 2900/xx Unidirectional Handheld Microphones

www.boschsecurity.com



BOSCH
Invented for life



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

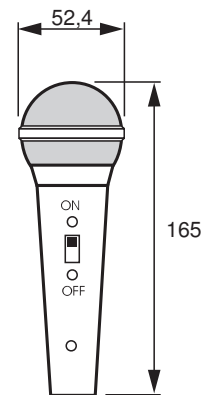
With this unidirectional microphone, Bosch provides impressive audio performance at an economical price. The LBC 2900/xx is based on a dynamic transducer element that is designed for high speech intelligibility. Its rugged enclosure is both stylish and easy to use in a wide range of public and sound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

Functions

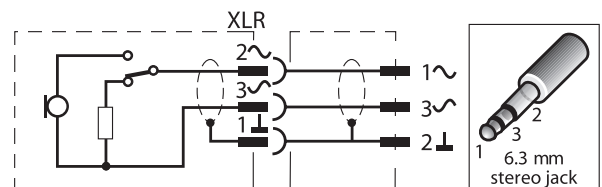
The LBC 2900/xx is a unidirectional microphone intended for either handheld or stand-mounted use. It has excellent cardioid directivity, which reduces acoustic feedback. The built-in on/off switch on the microphone body and the 3-pin lockable XLR connector at the base ensure that the microphone is easy 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.

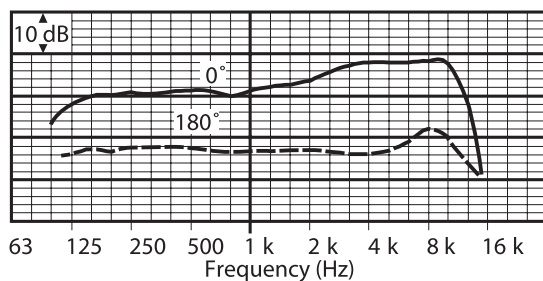
Installation/configuration notes



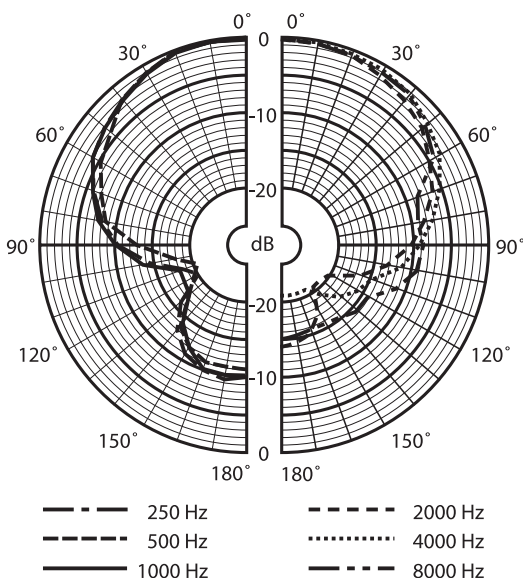
Dimensions in mm



Circuit diagram



Frequency response



Polar diagram

Parts included

Quantity	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*

Type	Handheld
Polar pattern	Unidirectional
Frequency range	80 Hz to 12 kHz
Sensitivity	1.7 mV/Pa \pm 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:

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