

LBC 14x0/x0 MK Volume Controls and LBC 1430/10 Program Selector

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Advantage Line

Bosch introduces a full range of volume controls and program selectors to provide a complete public address solution.

Features

- ▶ 12 W, 36 W and 100 W versions
- ▶ Available in power-save or failsafe versions
- ▶ Built-in 24 VDC override relay
- ▶ Continuous rotating system
- ▶ Suitable for 3-wire and 4-wire systems

Technical specifications

Electrical	
LBC 1400/10 and /20	
Rated power	12 W
Input voltage	100 V
Attenuation steps	5 x 3 dB + off
Frequency response	50 Hz to 20 kHz (-1 dB)
THD	<0.5%
Current consumption	20 mA at 24 VDC
Connector	Screw terminal
LBC 1410/10 and /20	
Rated power	36 W
Input voltage	100 V
Attenuation steps	8 x 3 dB + off
Frequency response	50 Hz to 20 kHz (-1 dB)
THD	<0.5%
Current consumption	20 mA at 24 VDC
Connector	Screw terminal
LBC 1420/10 and /20	
Rated power	100 W
Input voltage	100 V
Attenuation steps	10 x 2 dB + off
Frequency response	50 Hz to 20 kHz (-1 dB)
THD	<0.5%
Current consumption	20 mA at 24 VDC
Connector	Screw terminal
LBC 1430/10	
Rated power	100 W
Input voltage	100 V
Number of programs	5 programs + off
Mechanical	
LBC 1400/10 and /20	
Dimensions (W x H x D)	87 x 87 x 45.6 mm
Weight	226 g
Color	White (RAL 9010)
LBC 1410/10 and /20	
Dimensions (W x H x D)	87 x 87 x 45.6 mm
Weight	227 g
Color	White (RAL 9010)
LBC 1420/10 and /20	
Dimensions (W x H x D)	87 x 147 x 61.5 mm
Weight	512 g (including surface mounting box)
Color	White (RAL 9010)
LBC 1430/10	
Dimensions (W x H x D)	87 x 87 x 32.9 mm
Weight	125 g
Color	White (RAL 9010)
LM1-SMB-MK	
Dimensions (W x H x D)	87.3 x 87.3 x 50 mm
Weight	73 g
Color	White (RAL 9010)
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%
Certifications and approvals	
Safety	acc. to EN 60065
Self-extinguishing	acc. to UL 94 V0
Ordering information	
LBC 1400/10 Volume Control	LBC1400/10
LBC 1400/20 Volume Control	LBC1400/20
LBC 1410/10 Volume Control	LBC1410/10
LBC 1410/20 Volume Control	LBC1410/20
LBC 1420/10 Volume Control	LBC1420/10
LBC 1420/20 Volume Control	LBC1420/20
LBC 1430/10 Program Selector	LBC1430/10
Accessories	
LM1-SMB-MK	LM1-SMB-MK

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