

LBC 14xx/x0 U40 Volume Controls and LBC 1431/10 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 and 4-wire systems

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Technical specifications

Electrical	
LBC 1401/10 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 1411/10 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 1431/10	
Rated power	100 W
Input voltage	100 V
Number of programs	5 programs + off
Connector	Screw terminal
Mechanical	
LBC 1401/10 and /20	
Dimensions (W x H x D)	81 x 81 x 45.5 mm
Weight	214 g
Color	White (RAL 9010)
LBC 1411/10 and /20	
Dimensions (W x H x D)	81 x 81 x 45.5 mm
Weight	217 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 1431/10	
Dimensions (W x H x D)	81 x 81 x 33.4 mm
Weight	110 g
Color	White (RAL 9010)
LM1-SMB-U40	
Dimensions (W x H x D)	80.65 x 80.65 x 45 mm
Weight	60 g
Color	White (RAL 9010)

Represented by:

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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 1401/10 Volume Control	LBC1401/10
LBC 1401/20 Volume Control	LBC1401/20
LBC 1411/10 Volume Control	LBC1411/10
LBC 1411/20 Volume Control	LBC1411/20
LBC 1420/10 Volume Control	LBC1420/10
LBC 1420/20 Volume Control	LBC1420/20
LBC 1431/10 Program Selector	LBC1431/10
Accessories	
LM1-SMB-U40	LM1-SMB-U40