



LBC 14xx/10 Volume Control and Program Selectors



- ▶ 12 W, 36 W and 100 W versions
- ▶ Built-in 24 V DC override relay
- ▶ Continuous rotating system
- ▶ Suitable for both 3-wire and 4-wire systems
- ▶ Up to 5-channel program selector
- ▶ Fits within MK, U40 and Japanese installation material
- ▶ Optional surface mounting box for MK and U40 versions
- ▶ Comply with international installation and safety regulations

Bosch introduces a full range of volume controls and program selectors in order to provide a complete PA solution.

Functions

Public address systems are often used for both announcements and background music distribution. In order to adjust the level locally, volume controls can be used. In case of an (emergency) announcement the built-in relay can be activated to ensure that the message gets across at full level, independently of the setting of the volume control. The total load of the loudspeakers connected to the volume controls may not exceed its rated power. Next to volume controls also program selectors can be installed to select different music programs locally.

The design and color are unobtrusive in any interior. Ease of installation, operation and reliability has been optimized in the design. The U40 version volume controls and program selectors can be combined with Gira standard 55 system switchers and accessories.

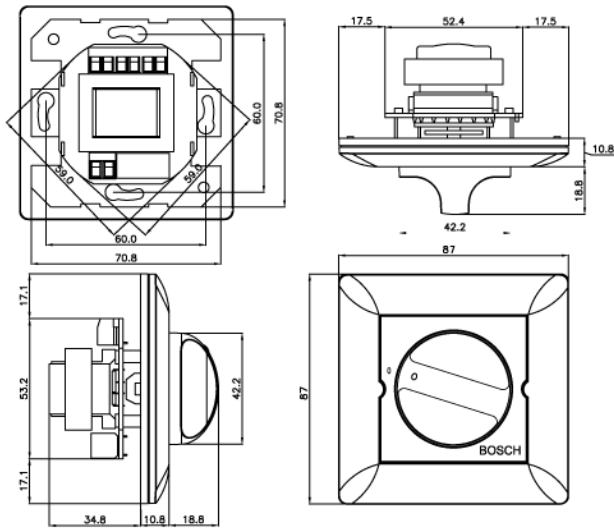
For surface mounting of U40 and MK types of volume control and program selector, an optional surface mounting box is available.

Certifications and Approvals

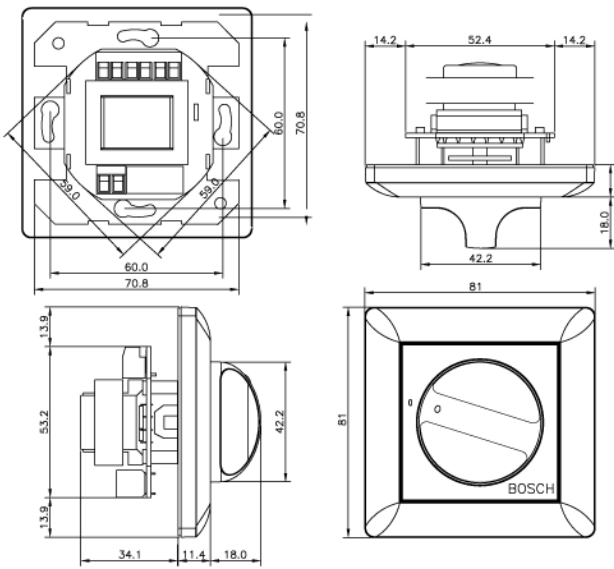
In common with all Bosch products, care is taken to meet high safety standards. These volume controls and program selectors comply with the relevant safety and installation regulations of EN 60065.

All plastic parts are self-extinguishing according to UL 94 V 0.

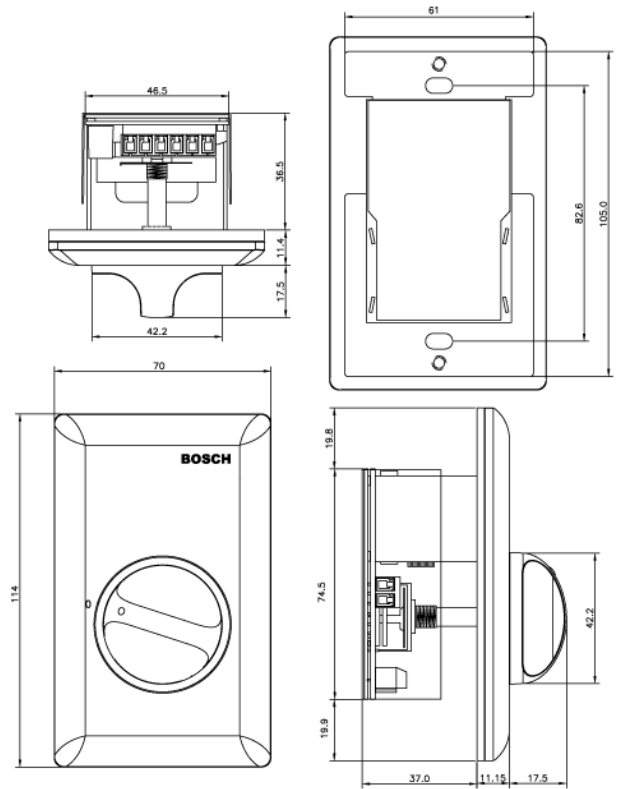
Installation/Configuration Notes



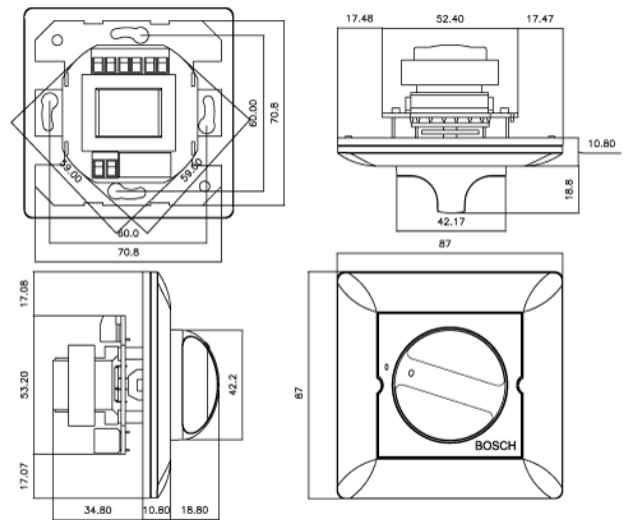
LBC 1400/10



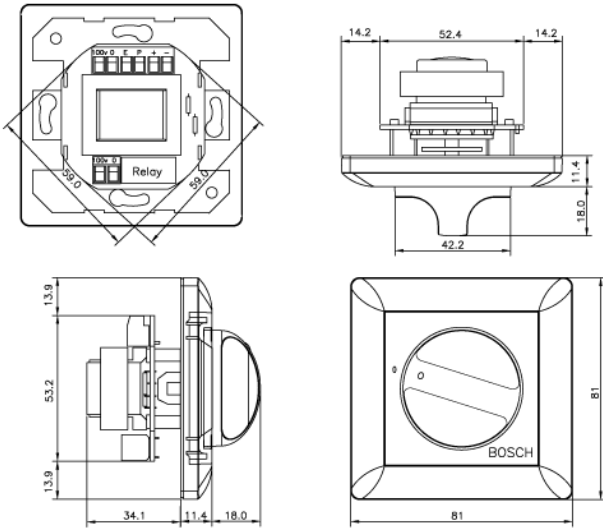
LBC 1401/10



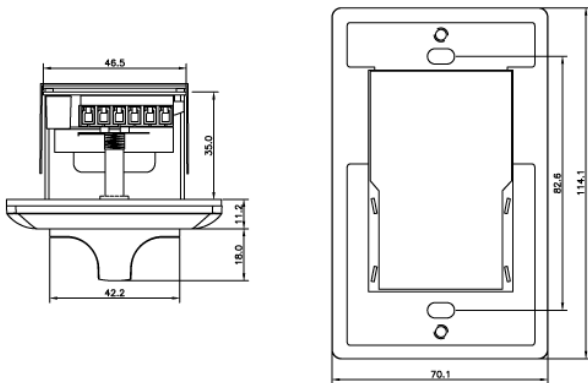
LBC 1402/10



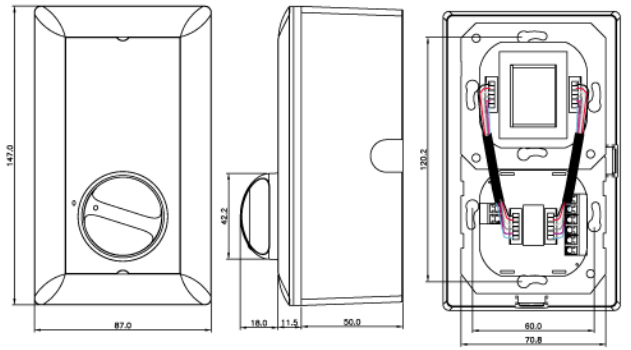
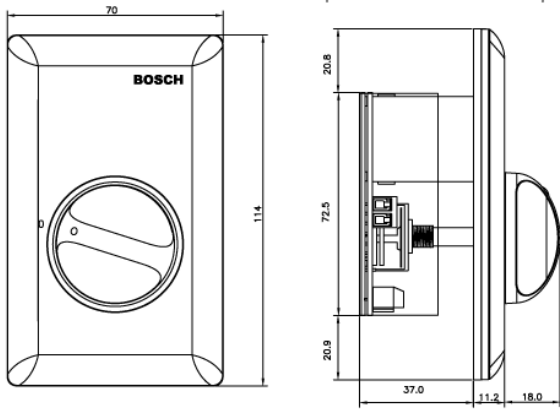
LBC 1410/10



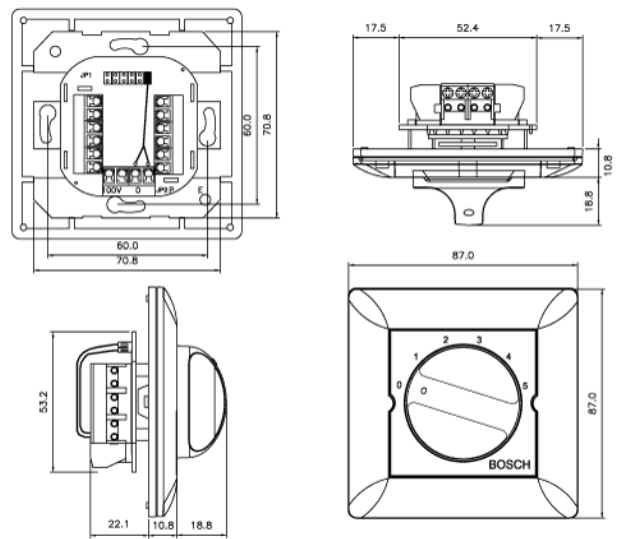
LBC 1411/10



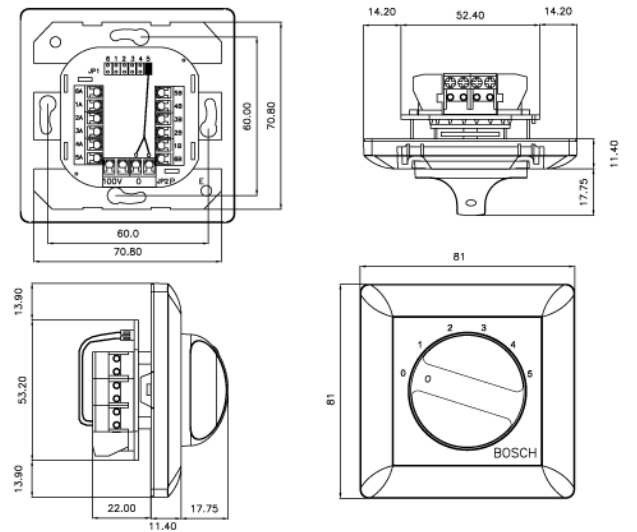
LBC 1412/10



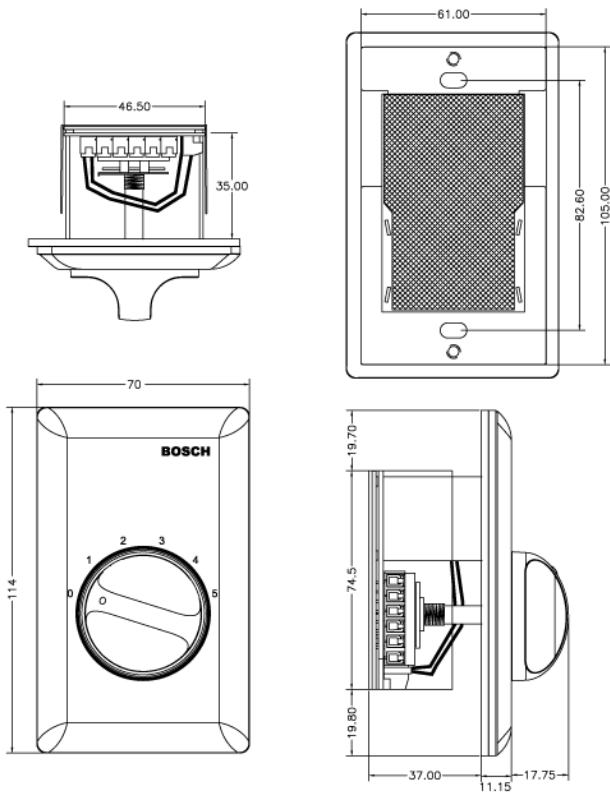
LBC 1420/10



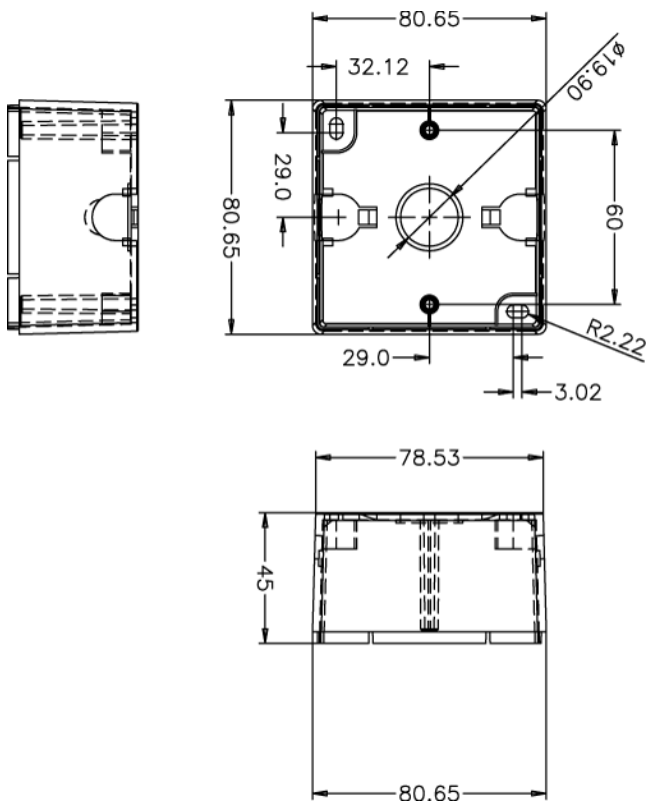
LBC 1430/10



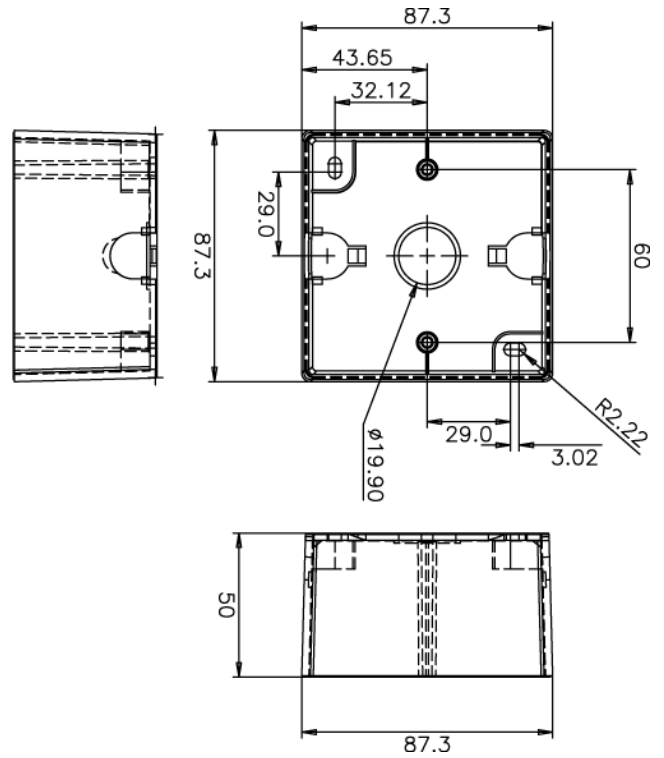
LBC 1431/10



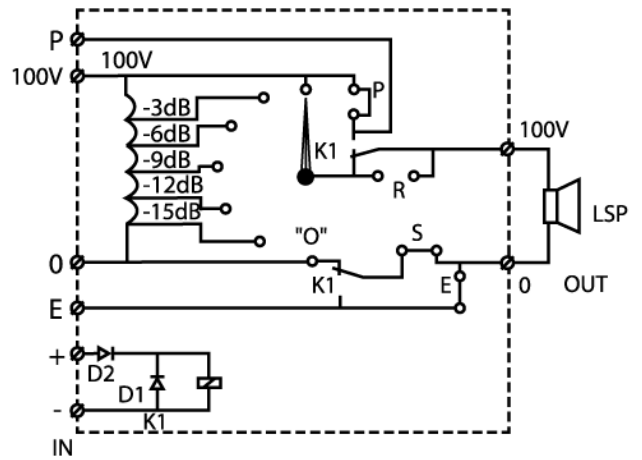
LBC 1434/10



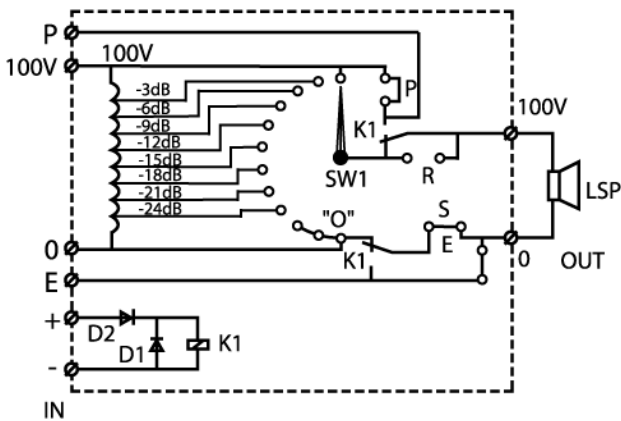
LM1-SMB-U40



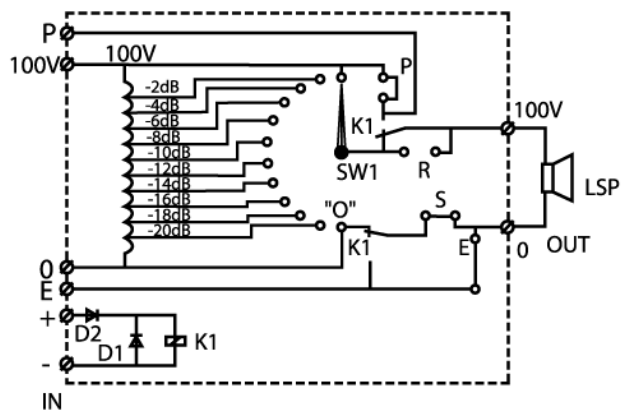
LM1-SMB-MK



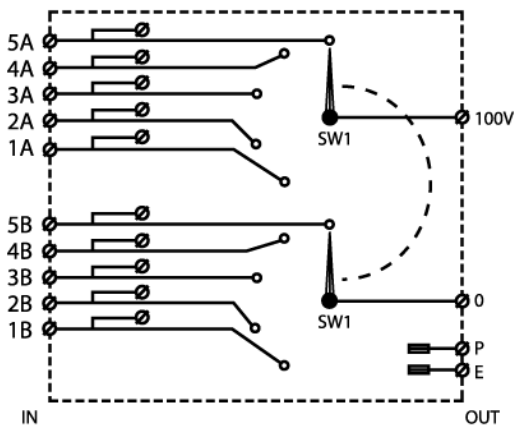
LBC 140x/10



LBC 141x/10



LBC 1420/10



LBC 143x/10

Technical Specifications

Volume Control (Product Range)

Type Number	Watt (max.)	Mounting Type
LBC 1400/10	12 W	MK
LBC 1401/10	12 W	U40
LBC 1402/10	12 W	Japanese
LBC 1410/10	36 W	MK
LBC 1411/10	36 W	U40
LBC 1412/10	36 W	Japanese
LBC 1420/10	100 W	MK D/E2

Program Selector (Product Range)

Type Number	Program input	Mounting Type
LBC 1430/10	5 ch	MK
LBC 1431/10	5 ch	U40
LBC 1434/10	5 ch	Japanese

Accessories

LM1-SMB-U40	Surface mounting box U40
LM1-SMB-MK	Surface mounting box MK

LBC 140x/10

Rated Power	12 W
Input Voltage	100 V
Attenuation Steps	5 x 3 dB + off
Frequency Response (-1dB)	50 Hz to 20 kHz
THD	< 0.5%
Current Consumption	10 mA at 24 V DC
Connection	Screw terminals
Color	Off-white RAL 9010

Model no.	Dimension (W x H)	Weight
LBC 1400 / 10	87 x 87 mm	226 g
LBC 1401 / 10	81 x 81 mm	214 g
LBC 1402 / 10	70 x 114 mm	210 g

LBC 141x/10

Rated Power	36 W
Input Voltage	100 V
Attenuation Steps	8 x 3 dB + off
Frequency Response (-1 dB)	50 Hz to 20 kHz
THD	< 0.5%
Current Consumption	10 mA at 24 V DC
Connection	Screw terminals
Color	Off-white RAL 9010

Model no.	Dimension (W x H)	Weight
LBC 1410/10	87 x 87 mm	227 g
LBC 1411/10	81 x 81 mm	217 g
LBC 1412/10	70 x 114 mm	260 g

LBC 1420/10

Rated Power	100 W
Input Voltage	100 V
Attenuation Steps	10 x 2 dB + off
Frequency Response (-1 dB)	50 Hz to 20 kHz
THD	< 0.5%
Current Consumption	10 mA at 24 V DC
Connection	Screw terminals
Color	Off-white RAL 9010

Model no.	Dimension (W x H)	Weight
LBC 1420/10	87 x 147 x 61.5(D) mm	512 g Incl. surface mounting box

LBC 143x/10

Number of programs	5 programs + off
Input Voltage/Power	100 V/100 W
Connection	Screw terminals
Color	Off-white RAL 9010

Model no.	Dimension (W x H)	Weight
LBC 1430/10	87 x 87 mm	125 g
LBC 1431/10	81 x 81 mm	110 g
LBC 1434/10	70 x 114 mm	200 g

Ordering Information**Model | Description**

LBC 1400/10 Volume Control 12W; MK
LBC 1401/10 Volume Control 12W; U40
LBC 1402/10 Volume Control 12W; Japanese
LBC 1410/10 Volume Control 36W; MK
LBC 1411/10 Volume Control 36W; U40
LBC 1412/10 Volume Control 36W; Japanese
LBC 1420/10 Volume Control 100W; MK D/E2
LBC 1430/10 Program Selector 5 channel, MK
LBC 1431/10 Program Selector 5 channel, U 40
LBC 1434/10 Program Selector 5 channel, Japanese

Ordering Information**Model | Description****Hardware Accessories**

LM1-SMB-U40 Surface mounting box U40
LM1-SMB-MK Surface mounting box U40

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