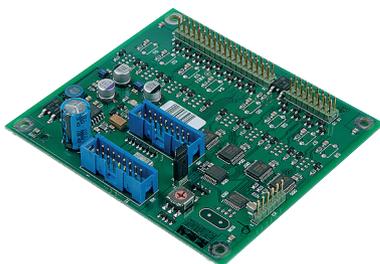# LBB 4434/00 Call Station Keypad Kit

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BOSCH
Invented for life

▶ Eight programmable control inputs linked to 16 outputs

▶ Two serial interfaces to call stations or other keypads

▶ Up to 16 keypads can be connected to one call station

The call station keypad kit is used in combination with a call station kit or call station basic to make manual or pre-recorded announcements to any assigned zones, or to execute pre-defined actions. It is functionally equivalent to the LBB 4432/00 Call Station Keypad. One of the main applications is the development of fireman's panels. However, since the call station keypad has eight programmable input connections, each with two associated output connections; it is well suited for other control applications.

Functions

The key inputs of the kit can be programmed for actions such as:
- Controlling functions: selection recall, call activation, cancel selection, BGM off, BGM volume control, fault acknowledgement, etc.
- Selecting sources: BGM channel, pre-recorded messages, attention and alarm tones
- Selecting destinations: zones and zone groups

Each key input of the PCB has two functionally related outputs designed to drive a two-color LED, but which can be used for other purposes. Once a control input is used for a function, the two control outputs will be linked to the specific action. Call macros can also be assigned to inputs.

The PCB also has interfaces for serial connections to a call station or other keypads. The keypad gets its power from the call station, it is connected to. The key inputs can be programmed for different modes of operation, such as momentary or toggle.

Interconnections
- Eight control inputs
- 16 control outputs
- Two serial data and power connections

Certifications and approvals

Safety	acc. to IEC 60065 / EN 60065
Immunity	acc. to EN 55103-2
Emissions	acc. to EN 55103-1 / FCC-47 part 15B
Emergency	acc. to EN 60849
Maritime	acc. to IEC 60945

Region	Certification
Europe	CE
	GL

Parts included

Quantity	Component
1	LBB 4434/00 Call Station Keypad Kit
1	Flat cable
1	Set of connectors

Technical specifications

Electrical

Power consumption	1.2 W (DC) excl. indicators
Control inputs	8 x
Max. current	0.5 mA
Max. voltage	3.3 V (with 10 kohm pull-up)
Control outputs	8 x 2 open collectors
Max. current	100 mA
Max. voltage	30 V

Mechanical

Dimensions (H x W x D)	20 x 90 x 100 mm (0.8 x 3.5 x 3.9 in)
Weight	55 g (0.12 lb)
Mounting	PCB with 4 mounting holes

Environmental

Operating temperature	-5 ºC to +55 ºC (+23 ºF to +131 ºF)
Storage temperature	-20 ºC to +70 ºC (-4 ºF to +158 ºF)
Humidity	15% to 90%
Air pressure	600 to 1100 hPa

Ordering information

LBB 4434/00 Call Station Keypad Kit
PCB to extend a custom call station with
8 programmable buttons and status indicators, up to
16 keypad kits can be connected to a call station.
Order number **LBB4434/00**