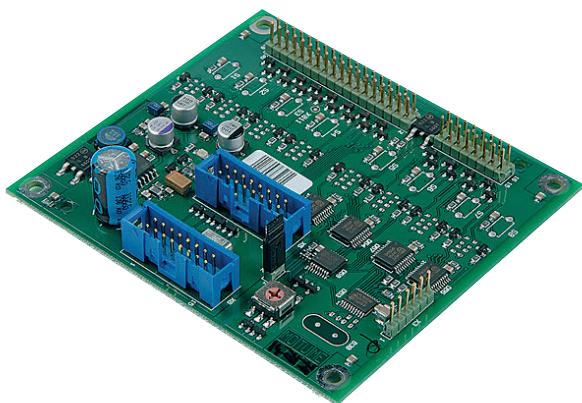




# LBB 4434/00 Call Station Keypad Kit



- ▶ **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

Region	Certification	
Europe	CE	
	TUEV-SUED	TUV Certificate IEC60849
	GL	GL-SOLAS
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 / EN 54-16 / ISO 7240-16	
Maritime	acc. to IEC 60945	

## 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 °C to +55 °C (+23 °F to +131 °F)

Storage temperature -20 °C to +70 °C (-4 °F to +158 °F)

Humidity 15% to 90%

Air pressure 600 to 1100 hPa

## Ordering Information

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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.

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