

# LBB 1999/00 Plena Voice Alarm System Remote Control Extension Kit

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- ▶ Remote control of voice alarm routers
- ▶ Connectors with screw terminals
- ▶ Emergency (EMG) and background music (BGM) zone selections
- ▶ Open collector terminals for LEDs or lamps
- ▶ EN 60849 compliant

The Plena voice alarm remote control panels allow the system to be controlled remotely from one or two remote locations. There are five models available:

- The fireman's panel, which has oversized, illuminated controls and an all-call function
- The main RC unit, which duplicates the front panel of the Voice Alarm Controller
- The RC extension, which duplicates the front panel of the router
- The main RC kit
- The RC extension kit

The kits are a functional match to the remote control and the RC extension, with connectors on the front panel instead of controls and indicators.

## Functions

The kit is a functional match to the LBB 1997/00, which duplicates the voice alarm router. All controls and indicators are available on screw terminals.

These kits make it easy to build a custom control unit. The electrical connections are printed on the front and rear panels. A 24 VDC output is available to supply power to external LEDs and relays, so an external power supply is not required for that purpose.

The remote control kit functions on an external 24 V power supply. The interconnecting CAT 5 (shielded) cable provides power for the RC extension and extension kit.

After connecting all indicators the following functions are available:

- The LED meter shows the presence and level of the calls that are running in the system
- The fault indicators show detailed information of a fault in the system

The connection to the Bosch Voice Alarm System is via standard, shielded CAT-5 cable and RJ45 connectors. The included rack mounting brackets can also be used to mount the units to a rear wall with spacing for cables, and even to a flat surface above or below the units.

## Certifications and approvals

Safety	acc. to EN 60065
Immunity	acc. to EN 50130-4

Emission	acc. to EN 55103-1
EVAC	acc. to EN 60849

Region	Certification	
Europe	CE	Declaration of Conformity

### Installation/configuration notes



LBB 1999/00 rear view

### Parts included

Quantity	Component
1	LBB 1999/00 Plena Voice Alarm System Remote Control Extension
1	Set of 19" mounting brackets
1	1 m CAT-5 cable

### Technical specifications

#### Electrical\*

Power supply	
Voltage	24 VDC, +15% / -15%
Current typical	50 mA
Current max (indicator test)	200 mA
Priority relay contacts	30 V, 1 A
Emergency relay contacts	30 V, 1 A
DC supply output	24 V, 200 mA (max)
LEDs / lamps	
On external power	50 V (200 mA max)
On internal power	5 mA max
Type	Open collector pull down

\* Technical performance data according to IEC 60268-3

#### Mechanical

Dimensions (H x W x D)	88 x 430 x 90 mm (19 in wide, 2U high)
Weight	Approx. 2 kg
Mounting	Stand-alone, 19" rack
Color	Charcoal

### 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%

### Ordering information

#### LBB 1999/00 Plena Voice Alarm System Remote Control Extension Kit

Voice alarm system remote-control extension-kit, a kit for a six-zone voice alarm router remote control.

Order number **LBB1999/00**

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