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# LBB 1998/00 Plena Voice Alarm System Remote Kit



- ▶ Remote control of the Voice Alarm Controller
- ▶ Emergency (EMG) microphone
- ▶ EMG and background (BGM) zone selections
- ▶ EMG state and fault indicators
- ▶ Control outputs for EMG and Fault state
- ▶ Front panel zone selection for BGM and call station zone selection for calls

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 1996, which duplicates the voice alarm controller. All controls and indicators are available on screw terminals. The remote control kit has BGM zone selection without source selection, volume or tone control.

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 55103-2 |
| Emission             | acc. to EN 55103-1 |
| EVAC (TÜV certified) | acc. to IEC 60849  |

## Installation/Configuration Notes



LBB 1998/00 rear view

## Parts Included

| Quantity | Component                                       |
|----------|---|
| 1        | LBB 1998/00 Plena Voice Alarm System Remote Kit |
| 1        | Set of 19" mounting brackets                    |
| 1        | EMG microphone and cable                        |
| 1        | EMG microphone mounting clip                    |
| 1        | 1 m CAT 5 cable                                 |

## Technical Specifications

### Electrical\*

#### Power supply

|                              |                     |
|------------------------------|---------------------|
| Voltage                      | 24 VDC, +20% / -10% |
| Current typical              | 100 mA              |
| Current max (indicator test) | 250 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 acc. to IEC 60268-3

### Mechanical

|            |  |
|------------|--|
| Dimensions | 134 x 430 x 90 mm<br>(19" wide, 3U high) |
| Weight     | Approx. 3 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 1998/00 Plena Voice Alarm System Remote Kit    LBB 1998/00  
 Kit for six-zone voice alarm controller remote control

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