

LBB 1992/00 Plena Voice Alarm Router



Security Systems



- 6-zone router with single or dual channel operation
- 6 EMG input contacts
- 6 Business input contacts
- 6 Volume Override output contacts
- Supervision within the Plena Voice Alarm System (compliant to IEC60849)

The Plena Voice Alarm router is an expansion unit adding 6 zones as well as 12 input- and 8 output contacts to the Voice Alarm System.

Able to use the built-in booster of the Voice Alarm Controller, it also provides outputs and inputs for one or two boosters in a multi amplifier one- or two-channel system.

It provides dual channel operation for calls and BGM simultaneously to a maximum of six different zones, using two Plena booster amplifiers. Also single channel operation is possible with only one Plena booster.

Functions

The LBB 1992/00 has a set of relays for zone-switching the power amplifier output(s) to different loudspeaker groups. Each of the zones can be switched between the call channel (upon call-station selection or all-call microphone or emergency activation), the BGM channel (upon front panel selection), or off.

In order to get a message through although the local volume controls have been set to a low volume level for e.g. background music, volume override relay contacts are provided for each zone separately for overriding local loudspeaker volume controls. Both the 3-wire and 4-wire override schemes are supported. Upon a call or an activated trigger input these contacts will be activated for the appropriate zones, together with an additional voltage free contact (Call Active) for control purposes.

A 24Vdc output is available to supply power to external relays, so no external power supply is required for that purpose. A LED VU-meter allows for monitoring of the master output.

Parts included

Quant.	Component
1	LBB 1992/00 PLENA Voice Alarm Router
2	19" Mounting brackets
1	Mains cable

Certifications and Approvals

EMC emission	Acc. to EN 55103-1
EMC immunity	Acc. to EN 55103-2



Technical Specifications

LBB 1992/00 Plena Voice Alarm Router	
ELECTRICAL	
Mains voltage	230Vac / 115Vac, ±15%, 50 / 60Hz
Max mains power	50VA
Consumption	
Battery voltage	24Vdc, +20% / -10%
Max battery current	1.8A
Max mains inrush current	1.5A @ 230Vac / 3A @ 115Vac
Trigger inputs	6 EMG, 6 business
Type	MC1,5/12-ST-3,5
Activation	Programmable
Supervision	On EMG inputs, programmable
Supervision method	Series / parallel resistor
100V inputs	MSTB 2,5 /16-ST
Booster 1	100V / 70V / 0V
Booster 2	100V / 0V
Power handling capacity	480 Watts
OUTPUTS	
100V / 70V outputs	MSTB 2,5 /16-ST, floating
100V outputs	480 W rated per zone
Volume override type	3 wire, 4 wire (24V), 4 wire failsafe
OUTPUT CONTACTS	
All contacts:	
Connector type	MC1,5/12-ST-3,5
Rating	250V 7A voltage free
General purpose relays (2x)	NO / COM
ENVIRONMENTAL	
Operating temperature range	+5°C to +55°C
Storage temperature range	-25°C to +55°C
Relative humidity	<95%
Dimensions	88 x 430 x 320 mm (19" wide, 2U high)
Weight	approx. 3 kg
Rack building	Rack mounting kit included

Ordering Information	
LBB 1992/00 Plena Voice Alarm Router	LBB199200

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For more information please visit
www.boschsecuritysystems.com

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