

PLM-WCP PLENA matrix Wall Control Panel

www.boschsecurity.com



BOSCH
Invented for life



- ▶ Capacitive touch
- ▶ Source selection
- ▶ Volume control
- ▶ Powered from PLM-8M8
- ▶ Loop-through to connect with either more Wall Control Panels or Call Stations

The PLM-WCP PLENA matrix Wall Control Panel is an accessory of the PLM-8M8 PLENA matrix 8 channel DSP Matrix Mixer, and like any good accessory it has a complementary aesthetic design, but behind the good looks and sleek design, there is a product of substance and usability.

Installation couldn't be easier; Powered over standard CAT 5 from the PLM-8M8, the unit's communication is via RS485, this means that multiple PLM-WCPs can be daisy-chained together with the PLM-8CS 8 Zone Call Station, reducing cable runs and installation time.

Functions

Controls and indicators

Controls on the unit are all capacitive touch, and the LED lights are white, this gives a clean look and feel to the unit.

The select button simply toggles through each of the 4 possible selections. There are 2 configurations and during installation the DIP switch on the rear of the unit can be set to make the selection area either; A) 4

microphone/line inputs, so that each can be mixed individually in a zone, or B) 3 separate music sources that are switched, and an off.

Labeling

Labeling the unit couldn't be easier. Simply use the PC GUI software to print of the labels. This will also include white text on black background, so the aesthetics of the unit are kept.

Certifications and approvals

| | |
|--------------|-------------------------|
| Safety | According to EN 60065 |
| EMC emission | According to EN 55103-1 |
| EMC immunity | According to EN 55103-2 |

Installation/configuration notes

Loop Through.

Both PLM-WCP and PLM-8CS 8 Zone Call Station can be connected in series (daisy-chain), reducing the number of cable runs that need to be made in an

installation. Both these units are powered from the PLM-8M8 8-channel DSP Matrix Mixer via the same CAT 5 cable.

Installation bracket

The unit is designed for surface mounting and comes complete with a bracket that fixes to the wall and the unit clips into the bracket. There are 3 cable entry options on the unit to make installation as easy as possible.

Parts included

| Quantity | Components |
|----------|----------------------------|
| 1 | PLM-WCP Wall Control Panel |
| 1 | Installation bracket |
| 1 | Safety documentation |

Technical specifications

Electrical

| | |
|---|-------------|
| Power supply (supplied by PLM-8M8) | |
| Voltage range | 30 - 50 VDC |
| Power consumption | 0.5 W |
| Connectors | 2x |
| RS485 loop-through | RJ45 |

Mechanical

| | |
|-----------------------------|---|
| Base dimensions (H x W x D) | 130 x 100 x 30 mm 5.1 x 3.9 x 1.2 in |
| Mounting | Surface mount bracket |
| Color | Traffic black (RAL 9017) Silver (RAL 9006) |
| Weight | Approx. 0.13 kg Approx. 0.29 lb |

Environmental

| | |
|-----------------------|------------------|
| Operating temperature | -10 °C to +45 °C |
| Storage temperature | -40 °C to +70 °C |
| Relative humidity | <95% |

Ordering information

PLM-WCP PLENA matrix Wall Control Panel

8 zones.

Order number **PLM-WCP**

Represented by:

Americas:

Bosch Security Systems, Inc.
12000 Portland Avenue South
Burnsville MN 55337, USA
Phone: +1-800-392-3497
Fax: +1-800-955-6831
audiosupport@us.bosch.com
www.boschsecurity.com

Europe, Middle East, Africa:

Bosch Security Systems B.V.
P.O. Box 80002
5617 BA Eindhoven, The Netherlands
Phone: + 31 40 2577 284
Fax: +31 40 2577 330
emea.securitysystems@bosch.com
www.boschsecurity.com

Asia-Pacific:

Robert Bosch (SEA) Pte Ltd, Security
Systems
11 Bishan Street 21
Singapore 573943
Phone: +65 6571 2808
Fax: +65 6571 2699
apr.securitysystems@bosch.com
www.boschsecurity.asia

China:

Bosch (Shanghai) Security Systems Ltd.
201 Building, No. 333 Fuquan Road
North IBP
Changning District, Shanghai
200335 China
Phone +86 21 22181111
Fax: +86 21 22182398
www.boschsecurity.com.cn

America Latina:

Robert Bosch Ltda Security Systems Division
Via Anhanguera, Km 98
CEP 13065-900
Campinas, Sao Paulo, Brazil
Phone: +55 19 2103 2860
Fax: +55 19 2103 2862
al.securitysystems@bosch.com
www.boschsecurity.com