PLM-WCP PLENA matrix Wall Control Panel

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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	Trafic 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**

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