PLM-WCP PLENA matrix Wall Control Panel

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BOSCH

Invented for life

▶ Capacitive touch

▶ Source selection

▶ Volume control

▶ Powered from PLM-8M8

▶ Loop-through to connect to additional Wall Control Panels or Call Stations

The PLM-WCP PLENA matrix Wall Control Panel is used with the PLM-8M8 PLENA matrix 8-channel DSP Matrix Mixer.

The Wall Control Panel is easily installed and connected to the PLM-8M8 DSP Matrix Mixer using a standard CAT5 cable. The unit draws power from the DSP Mixer and communicates via RS485. This allows for multiple PLM-WCPs to 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 panel include capacitive touch buttons and LED light indicators. The Up and Down arrow buttons are used to adjust the volume level, with confirmation by adjacent LEDs.

The Select button toggles through the four possible sources. During installation, the DIP switch on the back of the unit is used to make the source selection function either (a) 4 microphone/line inputs (1, 2, 3, 4 inputs), or

(b) 3 separate background music sources (5, 6, 7 inputs) and an off 'switch'.

Labeling
Labeling the unit couldn't be easier. Simply use the PC GUI software to print the labels. An option to print white text on black labels is available to match the look of the unit.

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
The PLM-WCP Wall Control Panel and the PLM-8CS 8-Zone Call Station can be connected in a 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 using the same CAT5 cable.

Installation Bracket

The unit is designed for surface mounting. It comes complete with a bracket that fixes to the wall and allows the unit to simply clip in. 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

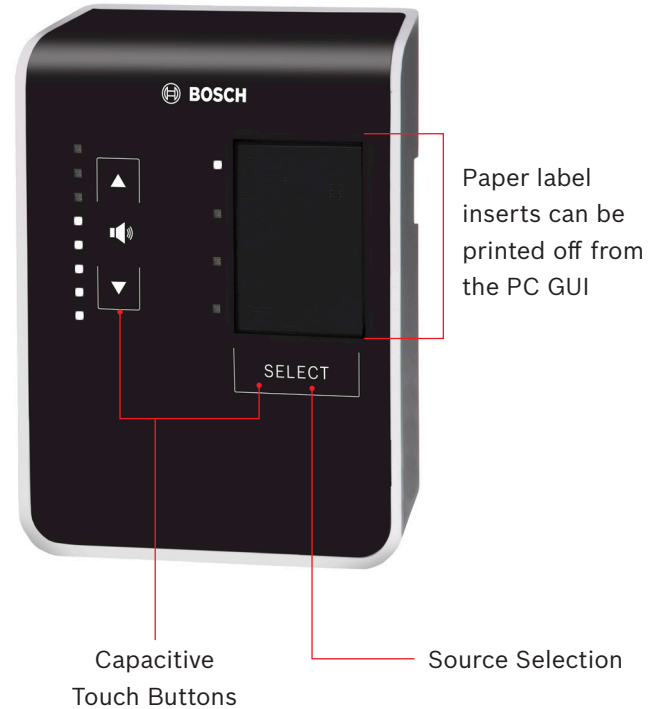| Electrical	
Power supply (supplied by PLM-8M8)	
Voltage range	30–50 V DC
Power consumption	0.5 W
Connectors	2x
RS485 loop-through	RJ45
Mechanical	
Base dimensions (H x W x D)	130 x 100 x 30 mm 5.1" x 3.9" x 1.2"
Mounting	Surface mount bracket
Colour	Trafic black (RAL 9017) Silver (RAL 9006)
Weight	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 %

Paper label inserts can be printed off from the PC GUI

Capacitive Touch Buttons

Source Selection

Odering Information

PLM-WCP PLENA matrix Wall Control Panel	Order number **PLM-WCP**