PLENA matrix Digital Sound System
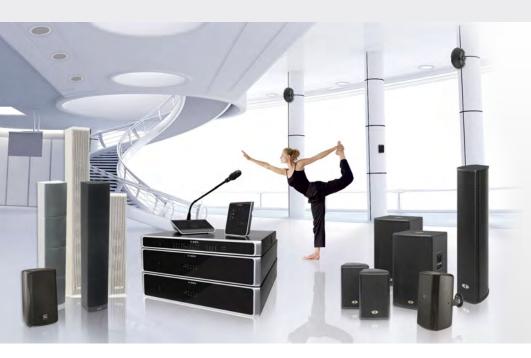
Extensive control, fast & flexible install, outstanding performance.

www.boschcommunications.com.au

BOSCH | **EV Electro-Voice** | **DYNACORD** GERMAN ENGINEERING EXCELLENCE | **TELEX.** | **RTS**

BOSCH
Invented for life

- ▶ High-performance music and speech distribution
- ▶ Ideal for applications requiring up to 8 zones
- ▶ Full-featured DSP Matrix Mixer & DSP Amplifiers
- ▶ Multiple control options including iOS app
- ▶ Faster, easier installation
- ▶ Lower running costs & extended product life

The **PLENA matrix** system combines superior audio performance and product quality in an easy to install and use package. Ideal for recorded or live music and speech distribution, **PLENA matrix** will produce outstanding sound in small to medium applications requiring up to 8 zones.

Components:

- ▶ PLM-8M8 8-Zone DSP Matrix Mixer
- ▶ PLM-4P125 4x 125 W DSP Power Amplifier
- ▶ PLM-4P220 4x 220 W DSP Power Amplifier
- ▶ PLM-8CS 8-Zone Call Station
- ▶ PLM-WCP Wall Control Panel
- ▶ Blue Line Gen2 Motion Detectors

Sample applications:

- ▶ Restaurants & Bars
- ▶ Pubs & Clubs
- ▶ Gyms & Leisure Centres
- ▶ Houses of Worship
- ▶ Hotels & Motels
- ▶ Education Spaces
- ▶ Conference Facilities
- ▶ Retail Stores

Key features:

- ▶ Complete DSP 8-zone matrix mixer and loudspeaker processor featuring powerful control
- ▶ 4 microphone/line inputs, call station input, 3 RCA music inputs and up to 8 mixed outputs
- ▶ 4-channel power amplifiers (100 V / 70 V / 8 Ω / 4 Ω output) with DSP processing and input mixing
- ▶ Standby mode engaged manually, or automatically with motion sensors in each zone
- ▶ Control via Windows PC GUI, Apple iOS App and Wall Control Panels
- ▶ 8-zone call station with capacitive touch buttons and programmable zone selection
- ▶ Three year warranty

Intelligent Features, Superb Performance

▶ **8-Zone DSP Matrix Mixer** delivers a full-featured DSP zone matrix with 4 microphone/line, 3 music source, call station and emergency inputs, all output via parametric EQ to 8 zones.

▶ **4-Channel DSP Power Amplifiers** (125 or 220 W/channel models)
- Class D power amplifier, 100 V/70 V/8 Ω/4 Ω outputs.
- Built-in DSP with input mixing controls via iOS app or PC GUI.
- 8-band parametric EQ for each zone.

8-Zone DSP Matrix Mixer/Processor

4-Channel DSP Power Amplifer

Multiple Levels of User Control

▶ **PC GUI** provides extensive controls for audio professionals and system admins with password protected access.

▶ **iOS App** for iPhone and iPad allows wireless control of input source and acoustic variables over multiple zones.

▶ **Wall Control Panels** enable input source and volume control in individual zones.

▶ **Call Stations** provide paging capability in up to 8 zones.

Clockwise from top left: PC GUI, iPad App, Wall Control Panel, Call Station.

Reduce Install Time, Cut Down Running Costs

▶ Amp Link and CAT5 connections link the DSP mixer with the amplifiers, call stations and wall control panels, dramatically reducing cable runs and installation time.

▶ Auto Standby mode, with the aid of motion detectors, shifts amplifiers into low-power consumption mode when zones are not used, reducing running costs and extending product life.

Motion sensor   Amp Link and CAT5

Extensive Range of High-Performance Speakers

▶ Although suitable for use with any quality loudspeakers, PLENA matrix has been tested with **EV, Dynacord and Bosch** loudspeakers to guarantee optimum acoustic performance.

Speaker selection is always influenced by the application. Ask your Bosch audio engineer for recommendations.

Get your info kit with full specs and the system's PC GUI, answer a question, and you could **WIN THE LATEST 128 GB iPAD, worth $1009 RRP**. Just the thing to put the system through its paces.   **www.boschcommunications.com.au/plenamatrix**

Odering Information			RRP
Model No	**SAP Part No**	**Description**	**$**
PLM-8M8	F.01U.269.004	PLENA matrix 8-Channel DSP Matrix Mixer	$1,999
PLM-4P125	F.01U.269.005	PLENA matrix DSP Power Amplifier (125 W) x 4	$1,899
PLM-4P220	F.01U.269.006	PLENA matrix DSP Power Amplifier (220 W) x 4	$2,399
PLM-8CS	F.01U.269.007	PLENA matrix 8-Zone Call Station	$899
PLM-WCP	F.01U.269.008	PLENA matrix Wall Control Panel	$359

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