



MxP2188 caters for a more delicate requirements of a PA system where every zone shall have flexibility over choice and taste of what should be listened to. It shall be able to cater for small installations of up to 18 zones requiring full matrix setup, such as office, club house, bungalow and entertainment centre.

While conventional matrix system only perform signal routing, MxP2188 does more than that. Essential features for a commercial PA system such as emergency overriding, remote mic zone selection, audio monitoring, chime and recording are available as an integral part of the unit.



Features

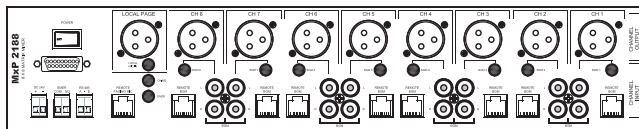
8 x 8 or 8 x 16 Matrix Setup

Each MxP2188 has 8 input and 8 output configuration with additional channels for local mic input, message and a remote paging mic. Two MxP can be linked together to form 8 x 16 matrix with some simple configurations.

Choice of inputs to each channel

Each channel can cater for various input sources such as dynamic microphone, BGM source or remote paging desk

rear view



Specifications

Configuration	8 x 8 ; Cascade to 8 x 16
Power source	24V DC ; 2A via adaptor
Inputs	8 local BGM - unbal. line or 8 remote BGM via RP1101 1 remote paging mic PD1160 1 local mic input
Input connections	RJ45 (remote) / RCA jack XLR for local mic input
Input volume control	Manual adj. at each channel
Bass and treble control	+12 dB to -12 dB ; digital select
Phantom power	12V DC (local mic in only)
Priority input	Local page, E/M message
Chime	2 or 4 tone built in
Message recording	60 secs max in single bank
Output	8 x balanced line output
Zone selection	Remote paging mic (PD1160) ; Front panel with ALL CALL
E/M override contact	3A dry contact
Audio monitor	Source monitor with volume control via 3W speaker
Communication	RS485 ; 19.2 Kbps
Remote triggering	Siren (ALL CALL) Message (ALL CALL / individual)
Dimensions (WxHxD)	482 x 88 x 300 mm
Weight	3.3 kg

Individual channel setup

Volume, bass and tone adjustment can be made at each individual input to cater to listeners' taste as well as making signal adjustment to suit the environment.

Menu driven setup

Programming or setup can be performed easily by following the front panel menu without having to use external program.

Built in chime

2 or 4 tone selectable chime or siren can be activated via the front switch when doing local paging or via remote paging desk.

Built in voice recording

Pre-recorded announcement of up to 60 minutes in single bank can be stored and played via front panel activation or through remote triggering by external devices.

Built in monitor

Each source can be monitored via the front speaker with volume controller.

Priority override port

Whenever ALL CALL or priority paging is made, a dry contact is available for connection to 24V DC overriding to external volume controllers.

Remote / external triggering

External triggering point is available to activate pre-recorded message either at individual zone or ALL CALL. Siren activation shall be available for ALL CALL. This activation shall have priority over BGM or remote paging mic input.

Local paging input

Localised handheld microphone can be plugged to the unit for priority paging and zone selection can be performed via the front panel switches.



PD1160 - 8/16 ZONE MATRIMIX REMOTE PAGING MICROPHONE

A dedicated remote paging desk with 8 / 16 channel zone selection, shall be connected directly to MxP2188. Multi point paging setup can be achieved using EX1102 mic extender in series connections.

Power source	24V DC via MxP2188
Power consumption	800 mA
Communication	RS485 ; 19.2 kbps
Controls	Zone selection, ALL CALL
Indications	Power, signal, data, zone, busy
Mic	Condenser, cardioid
Output	Balance line output
Dimensions (WxHxD)	150 x 186 x 62 mm (body only)
Weight	1.2 kg

RP1100 - REMOTE ZONE CONTROL



A remote zone control panel for source and volume control which is to be installed at individual zone and connected to the remote control port of MxP2188.

Power source	24V DC via MxP2188
Power consumption	100 mA
Communication	RS485 ; 19.2 kbps
Controls	Volume, BGM source
Indications	Power, source, volume, busy
Cabling	Cat 5E / 6
Distance	Up to 1000m
Dimensions (WxH)	86 x 86 mm
Weight	100 g

RP1101 - REMOTE SOURCE INPUT PANEL

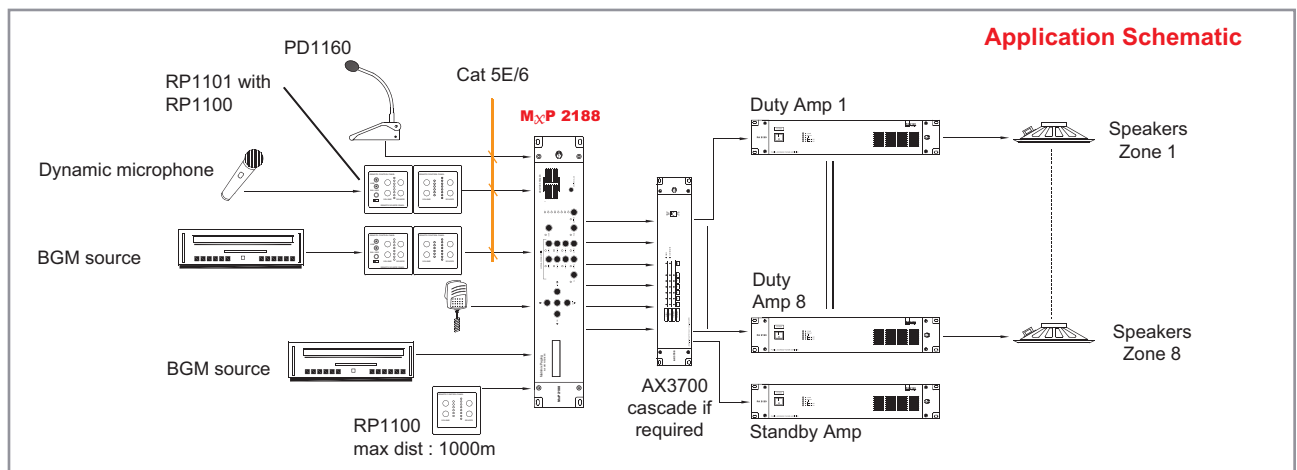


RP1101 shall be used together with RP1100 to provide local source input to the particular zone.

Mic or Line level sources can be injected to the system and the volume shall be controlled through RP1100.

In the event of emergency paging, this panel shall give way to allow the announcement to go through.

Power source	24V DC via MxP2188
Power consumption	100 mA
Communication	RS485 ; 19.2 kbps
Controls	Volume
Inputs	Mic or Line (unbal.) via mini jack
Cabling	Cat 5E / 6
Distance	Up to 500m
Dimensions (WxH)	86 x 86 mm
Weight	100 g



EX1102 MIC EXTENDER

It is used when multi point paging is required, connected in series in a single circuit. The paging mic nearest to the main controller shall have priority over others.



MS1103 MIC SPLITTER

It splits incoming paging mic circuit into two outputs, to be connected to Master and Slave unit when two MxP2188 are used as cascade mode.



packing information

Carton Size : 540 (W) x 140 (H) x 270 (D) mm
 Weight : 3.7 kg
 Qty : 1 units / carton

Please order associated components separately.