

MATRIMIX PAGING SYSTEM



SYSTEM COMPONENTS | MxP2188

A dedicated remote paging desk with 8 / 16 channel zone selection, connected directly to MxP2188 controller. To achieve multipoint paging setup, use EX1102 mic extender in series connection.



PD1160 - 8 / 16 Zone Remote Paging Microphone

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	1.0 kg

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

RP1104 is an improved version of remote zone controller with sensor touch buttons and with LCD display. It shall be installed at remote location at individual zone and connected to the MxP2188 controller via Cat5e / 6 cable. Each controller shall run individually to each input port of the respective zone.



RP1104 - Remote Zone Control Panel



RP1105 is also an upgraded version of remote source input panel which is to be used together with RP1104, installed side by side.

It allows mic or line level input source with adjustable volume and shall be bypassed if emergency paging is activated at the controller.

RP1105 - Remote Source Input Panel

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

ER1108 is an 8 in / 8 out relay panel which would override all individual audio signal from Matrix controller and re-route the outputs to a single emergency source such as EP1200 emergency paging panel.

It is an optional item, and shall be installed after the Matrix controller with outputs to individual amplifier of each zone. EP1200 shall be used with emergency trigger and audio output connected to this unit.



ER1108 - Matrix Overriding

When multipoint paging is required, EX1102 shall be used, with each PD1160 connected in series in a single circuit. The mic nearest to the Matrix controller shall have priority over its precedence.



EX1102 - Paging Mic Extender

MS1103 shall split incoming paging microphone circuit into two, with one output connected to the Master controller while the other to the Slave controller.

It is applicable whenever two controllers are cascaded to form 16 channel matrix setup.



MS1103 - Paging Mic Splitter