

# MxP2288 RP1104 EX1103

12 x 8 Matrix Controller, Remote Control Panel

MATRIX SYSTEM



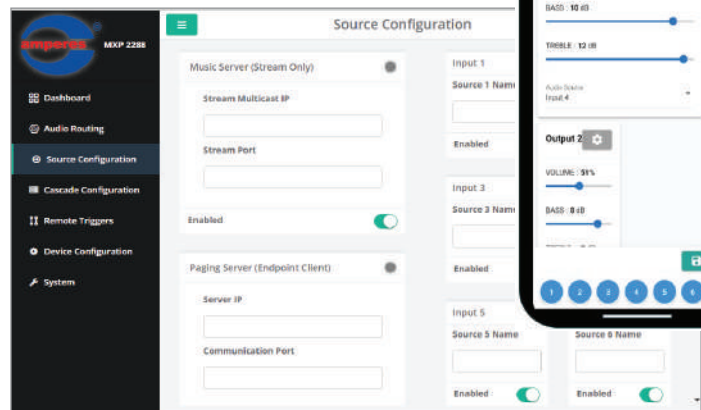
**MxP2288** features 12 inputs with 8 outputs matrix, suitable for both PA installations in EVAC and BGM setups that requires flexible input to output routings. I.e. Commercial or residential applications.

With host of features such as remote access controls. LAN connectivity and android mobile apps, MxP2288 shall be the equipment of choice for flexibility in audio selection.



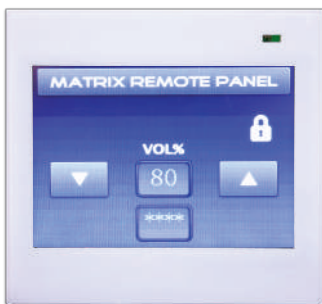
Web setting UI and android apps available for controls

- **12 x 8 matrix configurations** with dedicated EP1200, MR1301 and PD paging mic connections
- Expandable to **24 zones** with cascading of 3 units
- **Prioritized emergency broadcast** with fail safe paging for EP1200
- **Flexible** audio source input jacks
- **LAN connectivity** with Android apps for mobile controls
- Remote control panel RP1104 for **remote source** and **VBT controls**



## RP1104

Remote Zone Control Panel

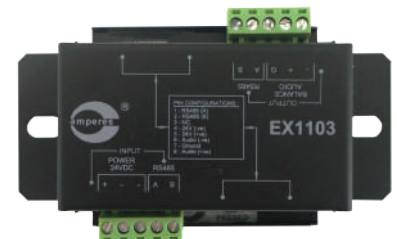


A remote zone controller with sensor touch buttons which allows the user to select input music source, volume and tones. It shall be installed near to related zones and connected to the MxP2288 controller via Cat5e / 6 UTP cable.

Power source	24V DC via MxP2288
Power consumption	100 mA
LCD panel	3.5" resistive touch screen
Communication	RS485 ; 19.2 kbps
Controls	Volume / BGM source / tone controls
Cabling	Cat 5e / 6
Distance	Up to 500m
Dimensions (W x H)	86 x 86 mm
Colour	White
Weight	100 g

## EX1103

Paging Mic Extender



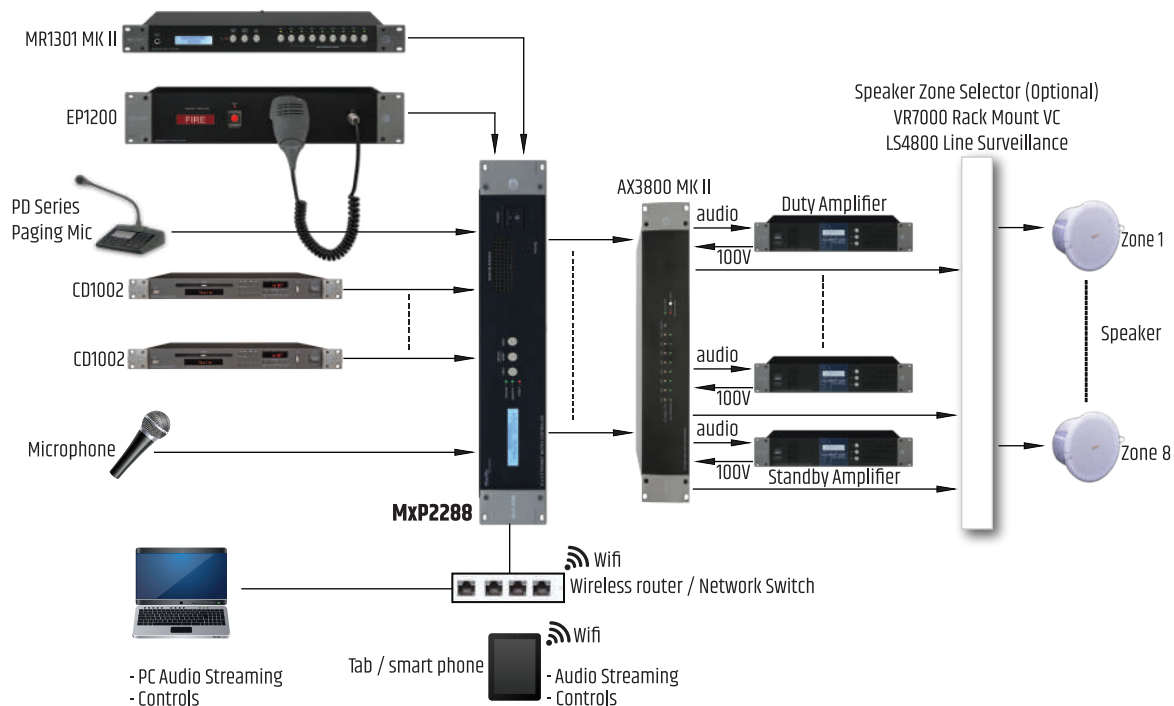
EX1103 is used when cables run from multiple paging mics return to controller or when more than one mic is connected in series before returning to MxP2288



## Technical Specifications

Configuration	12 x 8 matrix controller
Power source	24V DC ; 1A
Input channels	8 mic / line level balanced signal via combo jacks 1 x emergency mic panel (EP1200), 1 x message player (MR1301), 1 x paging mic (PD series)
Input connections	Combo jack; Mic (XLR), phone (1/4" stereo phone jack)
Input impedance	Mic: 600 Ohm / Line: 10K Ohm balanced
Input sensitivity	800 mV rms (line level) and 350 mV rms (mic level)
Frequency response	150Hz - 17 KHz (+/- 3 dB at 1 KHz) with low cut
Total harmonic distortion (THD)	< 1 %
Paging audio streaming	IMA ADPCM (16 KHz)
Digital format	PCM / ADPCM / OGG / MP3 / WMA / WAV
Chime	4 tone up and 4 tone down
Audio output	8 x balanced line output via XLR jacks / Cascade link via flat cable
Tone / volume controls	Bass: +/- 14 dB cut and boost (2dB step)    Treble: +/- 14 dB cut and boost (2dB step) Volume: 0 dB to -78.75 dB (1.25 dB step)
Audio gain (max)	+4 dB
Output audio monitoring	Via front 3W speaker
Communication control	RS485; 19.2 Kbps
User interface	Direct web interface via LAN for PC and WIFI for TAB and PHONE
Remote controls	Via PC / Tablet / Smartphone
Unit cascade control	3 units / 24 outputs channels (recommended max unit for full matrix)
Trigger port	Message / Emergency Paging (programmable)
Priority controls	BGM (Local source, IPX) / Paging Message / Emergency Paging (highest priority)
Fall safe feature	Emergency paging bypass
E/M override contact	3A dry contact
Dimensions (W x H x D)	482 x 88 x 180 mm
Weight	3.30 kg

## Application Schematic



## Packing Information

Carton size : 555 (L) x 295 (W) x 165 (H) mm

Gross weight : 4.10 kg

1 unit per carton



www.ampereselectronics.com

