



MxP2288 is a 12 x 8 matrix controller for flexible audio routing across multiple zones. It can be controlled via the front panel, LAN, or Wi-Fi, with remote access from a PC, mobile app, or tablet. No additional software is required for configuration.

This unit is suitable for both EVAC and BGM setups that require flexible input-to-output routing. It also supports integration with the RP1104, a dedicated touchscreen remote control panel for source and volume control.

Key Features

- **12 x 8 matrix configuration** for flexible input-to-output routing
- Up to **96 zones** by cascading up to 12 units
- **Web-based configuration** for audio source routing and setup
- **LAN and Wi-Fi with Android app** support for remote control
- **Multiple audio source** input jacks
- **Individual output controls (VBT)** for zone adjustment
- **RP1104** remote panel for source and volume control
- Dedicated port for **MR1301 MK II EVAC message player**
- Compatible with **PD Series paging microphones**
- **Fail-safe emergency paging** when integrated with **EP1200**



Technical Specifications

Configuration	12 x 8 Matrix Controller
Operating voltage	24V DC, 1A
Input channels	8 mic/line level balanced combo jacks: Emergency Paging Panel x 1 (EP1200) EVAC Message Player x 1 (MR1301 MK II) Paging Microphone x 1 (PD Series) LAN Music Streaming x 1 (IPX5200)
Input connections	Combo jack: Mic (XLR), Line (1/4" stereo phone jack)
Input impedance	Mic: 600 Ohm Line: 10k Ohm balanced
Input sensitivity	Mic level: 350mV rms Line level: 800mV rms
Frequency response	150 Hz - 17 kHz (± 3 dB at 1 kHz) with low cut
THD	< 1% (0.10%)
LAN audio streaming	Browser streaming: 16 - 48 kHz PCM iPX music streaming / PMX: 128 kb/s CBR MP3
Paging audio streaming	IMA ADPCM (16 KHz)
Digital format	PCM / ADPCM / OGG / MP3 / WMA / WAV
Audio output	8 x Balanced line output via XLR jacks Cascade link via flat cable
Tone / volume controls	Bass: ± 14 dB cut and boost (2 dB steps) Treble: ± 14 dB cut and boost (2 dB steps) Volume: 0 dB to -78.75 dB (1.25 dB steps)
Audio gain	+4 dB (max)
Output audio monitoring	Via built-in 3W front speaker
Communication control	RS485, 19.2 kbps
User interface	Web interface via LAN (PC) and Wi-Fi (Tablet, mobile)
Remote controls	Via PC / tablet / smartphone
Unit cascade control	Up to 12 units / 96 output channels
Trigger port	Message or emergency paging (programmable)
Chime	4-tone up and down
Priority controls	BGM (Local source, IPX, browser stream), Paging, Message, Emergency Paging (highest priority)
Fail-safe feature	Emergency paging bypass
E/M override contact	3A dry contact
Dimensions (W x H x D)	482 x 88 x 180 mm
Net weight	3.70 kg

Packing Information

Carton size	555 (L) x 295 (W) x 165 (H) mm
Gross weight	4.50 kg
Qty/carton	1 unit per carton

MxP2288 Configuration: Supports web-based setup via browser and remote control through LAN/Wi-Fi with Android app support.

