

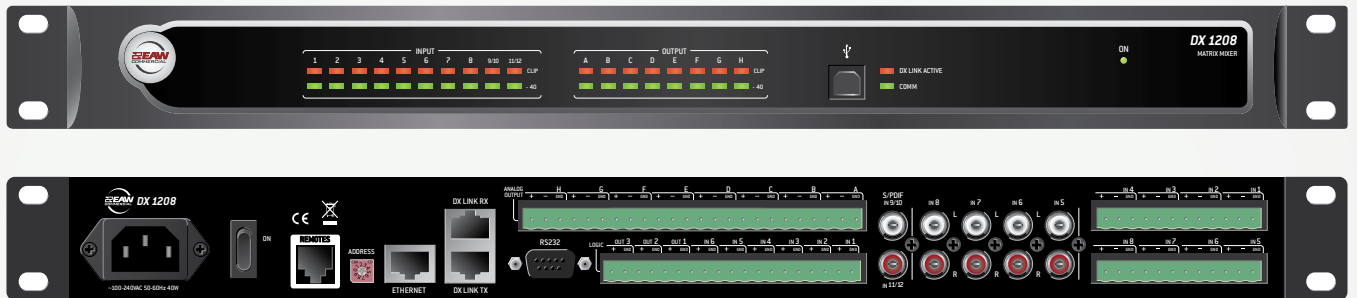


DX1208

DSP MATRIX MIXER



The DX1208 represents the next generation of DSP from EAW Commercial. The DX1208 maintains EAW standards yet provides the end-user with an excellent price to performance ratio. Its expandability options combined with its deep feature set makes this product suitable for a variety of applications.



The DX1208 is a 12-input, 8-output DSP matrix mixer designed for use in a variety of commercial and installed sound applications. Eight inputs are mic/line capable, with selectable 48-volt phantom power provided for each input. These 8 inputs and the 8 outputs are accessed using Euroblock detachable connectors. 4 additional inputs on unbalanced RCA connectors allow the user to "stack" inputs, increasing the number of analog audio sources that can be connected to 12.

DX1208 Features

- 32-bit DSP and 24-bit Analog/Digital Conversion
- 8 balanced Mic/Line Inputs
- 4 unbalanced Line inputs
- 4 digital input channels via S/PDIF
- 6 Programmable logic inputs, 3 Programmable logic outputs
- 16 channel DX Link expansion buss
- USB, Ethernet, and RS-232 connectivity

An additional four digital inputs are available on S/PDIF connectors and are capable of receiving sample rates from 32 kHz to 96 kHz and converting to 48 kHz for internal processing. All inputs are included in the audio matrix and can be assigned DSP functions prior to distributing signal at line level.

Audio linking of up to 8 DX1208 is easily accomplished with the 16-channel DX Link, integrated into every unit. Using a ring topology network, DX Link allows the installer to transfer up to 16 channels of audio between DX1208s and expands the installers' capability to minimize the number of audio sources needed to drive the maximum number of output zones. DX Link also enables further zone expansion by simply adding additional DX1208.

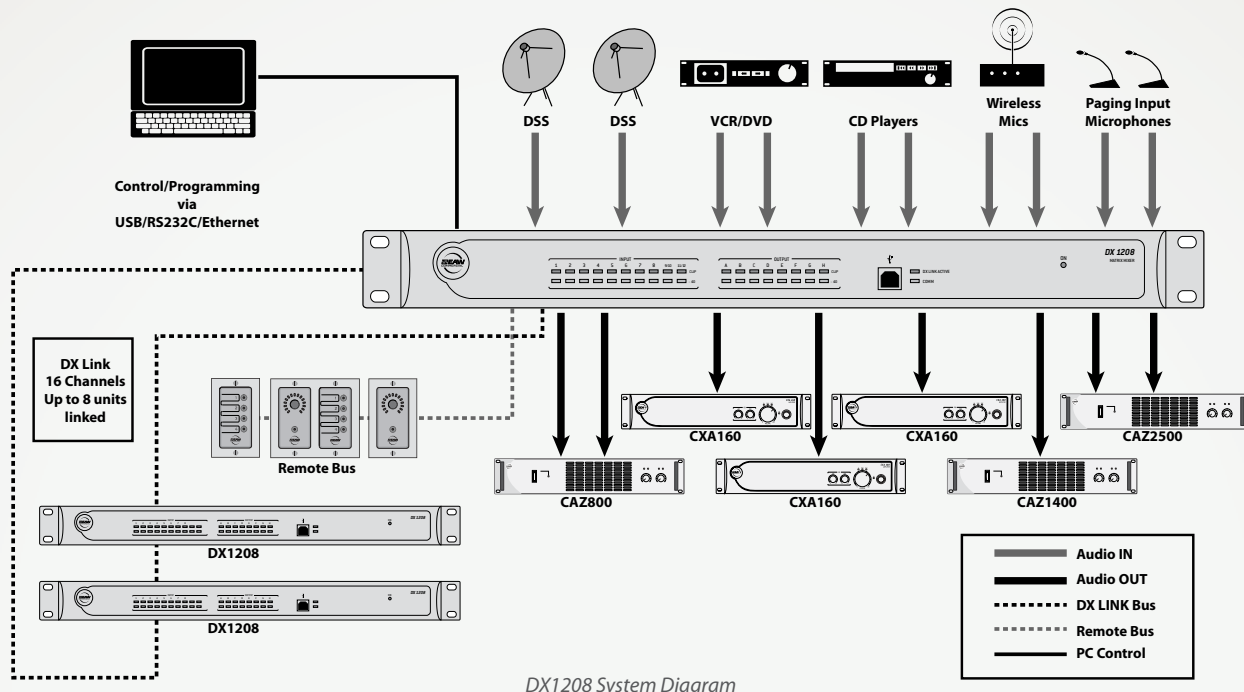
The DX1208 can also receive up to 6 logic inputs and send up to 3 logic outputs, combined on a single 18-pin connector and programmable via the included DX Navigator control software. Control of the DX1208 via third party systems (i.e., AMX and Crestron) is easily attained with a serial connection (DB9) on the rear panel.





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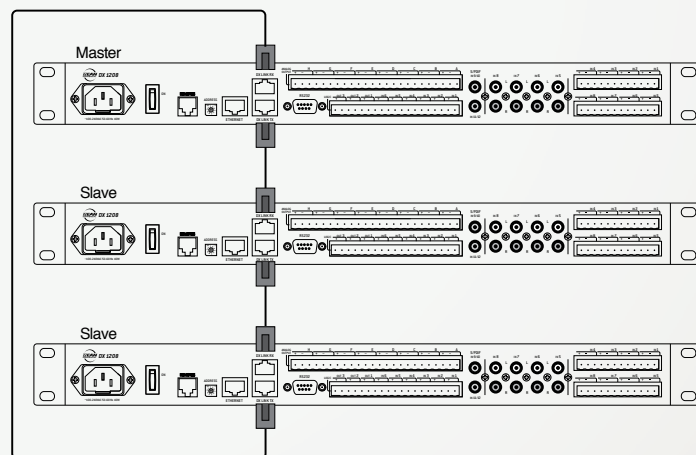


DX1208 System Diagram

A remote control port (RJ-25 connector) is included on the rear panel, facilitating the linking of two different types of remotes (UR-1 and UR-2), which should be mounted in user-supplied, single-gang J-boxes. Up to 10 remotes can be attached to the DX1208, and each is individually addressable.



UR-1 and UR-2 Remotes



DXLink Connection Diagram

The DX1208 is supplied with DX Navigator control software that allows access to all of the system's settings and configurations. The expected range of user-adjustable processing such as EQ filters, gates, compressors/limiters, Auto-mixing, priority assignment, delay, gain, and crossovers are included. In addition, up to 24 programmable presets are available per DX1208; the programming interface is flexible, with connection via the USB port on the front panel or the Ethernet jack or DB9 connector on the rear panel. The DX1208 employs a universal power supply, 100-240VAC, 50/60Hz.



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