



DATA SHEET

DX2 Series Network Audio Matrix Amplifier with DSP Function Dante Enabled



APPLICATIONS

- Conference Rooms
- Exhibition Centers
- Houses of Worship
- Entertain Venues
- Auditorium
- Hotel Ballroom

SYSTEM DESCRIPTION

Ultimately flexible and safe, the **DX Series Digital amplifiers** provides a wide range of system control and monitoring capabilities as well as sound shaping options, and a total of up to 10400 Watts output power over 4 amplifier channels at 4 Ohms and 5200 watts of Power at 4 CH/8 Ohms systems, all neatly packed into a Double rack unit:

The DX Series D amplifiers offers unprecedented versatility and efficiency, also includes DSP functionality for all 4 channels, paired with Ethernet connectivity (Dante) for full control and monitoring through the DAT DX Soft Suite.

KEY FEATURES

- 4.3 inch touch screen DSP processor
- 96 kHz sampling rate, 32-bit DSP chip processing, 24 bit AD / DA conversion.
- 8 parameter Equalization plus low pass filter
- All channels of PEQ gain, bandwidth, frequency continuously adjustable
- gain, mute, compression / limiter, phase, delay, linkage adjustment the type of choice: parametric

- The output processing section contains the processing unit such as frequency division,
- Equalization, low frame filtering, elevated filtering, low-cut filter, elevated filter.
- All the input and output can be free between the matrix distributions.

- All input and output channels with independent phase curve adjustment function, positive and negative bit adjustment.
- All high-cut, low-cut filter, divider type can be selected: Butterworth, Lin Kui Rayleigh, Bessel, slope in the -6dB / Oct to -48dB / Oct optional.
- Output channel compression / limiter threshold, ratio, start time, recovery time continuously adjustable.
- All delay lines for the input and output channels have a delay time of up to 1 s.
- Arbitrary channel parameters can be freely copied.
- Front panel with input and output level indicator,
- USB control port, rear panel 485 control port,
- 20 user presets, password protection, make the device more secure

Model	DX2600DN	DX2750DN	DX2900DN	DX1300DN	DX21500DN
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8Ω (Stereo power)	2X600W	2X750W	2X900W	2X1300W	2X1500W
4Ω (Stereo power)	2X1200W	2X1500W	2X1800W	2X2600W	2X3000W

Input connector	XLR				
Input impedance	20KΩ balance				
Input sensitivity	0.77V 1.44V				
Output connector	Speakon				
(S/N) 20Hz-20KHz	>112dB				
Damping factor	> 1000 @ 8Ω				
THD	<0.1 % (20 Hz-20 kHz 1W)				
Frequency response	20Hz-30 KHz (+0/-0.3dB, 1W/8Ω)				
Input	CMRR				
Cooling Variable speed fans,	Front to rear airflow				
Power requirement	AC voltage 180-240V 50-60Hz				
4Ω Stereo power	2X1200W 2X1500W 2X1800W 2X2600W 2X3000				
Amplifier dimensions	(HxWxL) 88mmX440mmX370mm				
Packing dimensions	(HxWxL) 150mmX600mm×550mm				
Net weight	11.5kg				
Gross weight	14.6kg				
8Ω Stereo power	2X600W 2X750W 2X900W 2X1300W 2X1500W				
>80dB					
Amplifier protection	Short out/disconnection/direct/voltage/superheat/overvoltage protection				