FRENEXPORT

DCX-260 NET
PROFESSIONAL DIGITAL AUDIO PROCESSOR

The Digital Audio Processors of DCX NET series (DCX-240 NET, DCX-260 NET, DCX- 480 NET) are powerful DSP based audio processors, ideally suited for install applications,where they combine the functions of a multitude of conventional products in a compact 1U unit with extensive remote control capabilities and Ethernet functions. Toachieve this, the units have up to four inputs and eight outputs which can be configured in a selection of basic crossover modes – 4 x 2 way; 2 x 3 way + 2 Aux; 2 x 4 way;and 1 x 8 way (as applicable to i/o configurations). They also offer a "free assign" mode, which allows completely flexible routing of any output from any combination of inputs. Each input has a gain control, variable delay, eight bands of fully parametric equalization.The parametric filter bands have a large selection of different filter types available, including shelving, notch, band-pass, phase and elliptical behaviors. Each output has a gain control, variable delay, high and low pass crossover filters, 8 bands of fully parametricequalization, polarity switching and, additionally, a fully featured limiter, and a final clip limiter. The crossover filters offer slopes of up to 48dB/Octave, with a variety of responses available. Remote control is catered for in the form of Ethernet by TCP/IP and RS485 ports, and multiple user memories are provided for the storage and recall of settings.

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PRODUCT DETAILS

KEY FEATURES

2 Signal Inputs and 6 Signal Outputs (XLR Balanced)

Network Control Via USB Or TCP/IP LAN (Ethernet)

20 Presets Memory in the hardware unit

Butterworth, Bessel, Linkwitz-Riley Filters

20 x 2 Characters Blue LCD Display

8 Bands Fully Parametric (Frequency, Q And Gain) Equalizer

Limiter available on each Output Channel for added safety of the speakers

USB Interface dedicated to PC control

RS-485 Interface

DSP can search the IP address automatically

One PC can manage many different DSP processors

Data from DSPs exchange or share freely

IP address obtain Automatically

PORT access Automatically

IP address can be set by users

SPECIFICATIONS

Power Supply	80-240Vac - 50/60Hz
DSP 64: bit floating	
Sampling rate	96KHz
Dynamic range	> 110dB

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Maximum Input Level		+23dBu
Maximum Output		Level +23dBu
Operational Frequency Range		20Hz ÷ 20KHz
Input processing latency		1000ms
Output processing latency	1000ms	
Memory Presets	20	
Limiters	-20dB ÷ +20dB	
Phase Inverter (Polarity)	180°	
dB/Octave Range	12, 18, 24, 48	
Equalizer	8 band fully parametric for each Input/Output Channel	
Filters	Butterworth, Bessel, Linkwitz-Riley	
Display LCD (2 Row x 20 Characters)		
Inputs	2	
Outputs	6	
Network Control	Via USB Or TCP/IP LAN (Ethernet)	
USB Interface	YES (for PC control)	
RS-485 Interface	YES	
Dimension (WxHxD)	483x50x290mm	
Packing Size (WxHxD)	520x90x360mm	
Weight	3,25Kg	
Packing Weight 4,8Kg		