



Overview

Minimal signal path circuitry and advanced DSP sandwiched between carefully matched converters make DLX200 series processors the most transparent of their kind. Ultra low noise and frequency extension that goes all the way means that a DLX doesn't touch your audio until you ask it to.

Simple and intuitive in use, DLX200 series processors give you optimum control over your sound. 6-bands fully parametric and 2-band shelving EQ plus high-pass filter on every output and input allows detailed control for everything from delicate adjustments to full-on sound sculpting.

400ms input and 80ms output delay allow for accurate time alignment of even the largest systems, with delays towers up to 136m from Front of House.

45 presets with full text names are stored and recalled hassle-free. And settings are easy to protect from prying hands, without the need for an easily forgotten password.

Technical Specifications:

General

Inputs:	2
Input Impedance:	> 10k Ohm
Maximum Input level:	+20dBu
Outputs:	four [DLX-240] or six [DLX-260]
Output Impedance:	<100 Ohm, ground balanced
Maximum Output Level:	+20 dBu into 600ohm load
Sample Rate:	96kHz
Bit Depth:	24 bit
Frequency Response:	10Hz to 40kHz, +/- 3dB (filters disabled) 20Hz to 20kHz, +/- 0.5dB (filters disabled)
THD:	<0.01%, (+10dBu, 20Hz to 20kHz, 30kHz bandwidth)

Dynamic Range: >112dB (A weighted, 22kHz bandwidth)
>109dB (un-weighted, 22kHz bandwidth)

Serial Comms Data: 38.4kbaud, format: 8 data, 1 stop, no parity

Processing

Gain: +20dB to -80dB and mute, 0.2dB steps

Output Ch. Source: Input A, Input B and SUM
HP filter frequency: Off, 10Hz to 25.4kHz, 1/36 octave steps

LP filter frequency: 10Hz to 25.4kHz and off, 1/36 octave steps

LP / HP filter type: 12, 18 & 24dB/octave Bessel and Butterworth
12, 24 and 48dB/octave Linkwitz Riley
4th or 8th order Hardman

Delay: Input 400ms, output 80ms

Limiter: High performance limiter, adjustable threshold in 0.2dB steps, automatic time constants

EQ frequency: 10Hz to 25kHz, 1/36 octave steps

EQ gain: +15dB to -15dB, 0.2dB steps

EQ width: 5.0 to 0.1 octaves bandwidth, 1/36 octave steps

Connectors

Audio inputs: 3 pin female XLR

Audio outputs: 3 pin male XLR

Serial comms: Future option

Network comms: Future option

Mains: 3 pin IEC

Mains Power: Universal switch-mode PSU, 85v to 250v AC, 50 / 60Hz

Consumption: < 25watts

Dimensions: 44mm (H), 482mm (W), 254mm (D)

Weight: 2.7 Kgs net

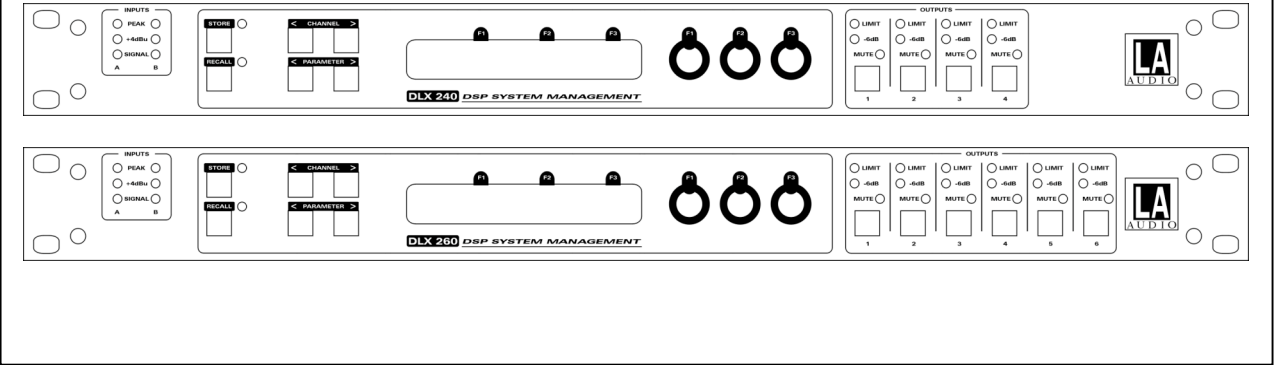
DLX200

Digital Loudspeaker Management



British
Originals

Line Drawings:



In keeping with our policy of continuous improvement LA Audio reserves the right to alter specifications without prior notice.

LA Audio, 1 Stable Court, Herriard Park, Hants RG25 2PL.

Tel: +44 (0)1256 381944 Fax: +44 (0)1256 381906 Web: www.laaudio.co.uk email: sales@laaudio.co.uk