DLP-4080

- **4x8 In-Out configuration**
- **Xilica's Top Classic device**
- **6 Bands EQ per channel**
- **True RMS Soft-Knee Limiter**
- **4-Line LCD Display for clarity**

The DLP-4080A was launched successfully a few years ago, with its rapid growing acceptance. It includes all necessary functions for loudspeaker management applications. From Hardware A/D-DSP-D/A selections, to Software EQ-Crossover-Limiter algorithm designs, it keeps the signal path clean and musical. Recent improvements make the DLP-4080A an easy choice among professionals who demand high sonic quality in the analog world. A complete set of parameters include I/O levels, delay, polarity, 6 bands of parametric EQ per channel, multiple crossover selections and full function limiters. Precise frequency control is achieved with its 1 Hz resolution. Input and outputs can be routed in multiple configuration to meet any requirement. TheDLP-4080A can be controlled or configured in real time on the front panel or with the intuitive PC GUI via RS-232 or the optional Ethernet interface. Multiple setup storage and system security complete this professional package.

![XILICA Audio Design logo]

DLP-4080
Specifications

Inputs and Outputs
Input Impedance: >10k Ohms
Output Impedance: 50 Ohms
Maximum Level: +20dBu
Type: Electronically balanced

Audio Performance
Freq Response: +/- 0.1dB (20 to 20kHz)
Dynamic Range: 115dB typ (unweighted)
CMMR: > 40dB (20 to 10kHz)
Crosstalk: < -100dB
Distortion: 0.002% (1kHz @+4dBu)

Digital Audio Performance
Processor: 32-bit (40-bit ext) floating
Sampling Rate: 96kHz
Analog Converters: High Performance 24-bit
Propogation Delay: 3ms

Front Panel Controls
Display: 4 x 26 Character Backlit LCD
Level Meters: 5 segment LEDs
Buttons: 12 Mute Controls
12 Gain/Menu Controls
6 Menu Controls
Dial Encoder: Embedded Thumb Wheel

Connectors
Audio: 3-pin XLR
RS-232: Female DB-9
Ethernet: Standard CAT-5 (Option)
Power: Standard IEC Socket

General
Power: 90-265 VAC (50 / 60Hz)
Dimensions: 19"x1.75"x9" (483x44x229mm)
Weight: 10 lbs / 4.6 kg

Audio Control Parameters
Gain : -40 to +15dB in 0.25dB steps
Polarity: +/-
Delay: Up to 450ms per I/O
Equalizers (6 per I/O)
Type: Parametric, Hi-shelf, Lo-shelf,
Gain: -30 to +15dB in 0.25dB steps
Bandwidth: 0.02 to 2.50 octaves (Q=0.5 to 72)
Crossover Filters (2 Individuals per output)
Filter Types: Butterworth, Bessel, Linkwitz Riley
Slopes: 6 to 48dB/oct
Limiters:
Threshold: -20 to +20dBu
Attack: 0.3 to 100ms
Release: 2 to 32X the attack time

System Parameters
No. of Programs: 30
Configuration: Generic, 2, 3, 4-Way
Delay Units: ms, ft, m
Frequency Modes: 36 steps/oct, 1Hz resolution
Security Locks: Any individual menu
Channel Names: 6 characters

Note: specifications subject to change without notice