XILICA Audio Design

Cross-reference list

	Neutrino	XD	XP	XA	XM	DSPX	DLP	DCP
Variations	3200	4080 8080	2040 3060 4080 8080	2040	2040	8080	4080	3060
DSP Algorithms								
Max Delay per I/O (ms)*	Programmable	650	650	90	90	450	450	450
# of PEQs per Channel	Programmable	8	8	8	8	6	6	6
FIR Linear Phase Crossover		v						
Phase Correction	Programmable	v	v	v	v			
31 Band Graphic EQ	Programmable	v	v					
Input Mixing Capability	Programmable	Level	Level	Level	Level	Level	Level	Level
Input Compressor	Programmable	v	v					
Output Limiter	Programmable	v	v	v	v	v	v	v
I/O Crossover	Programmable	I/O	I/O	Output	Output	Output	Output	Output
Hardware								
Sampling Rate (kHz)	48	96	96	96	96	96	96	96
Propagation Delay (ms)	1.5	1.5	1.5	1.5	1.5	1.5	1.8	2.1
RS232 (Female DB-9)	Built-in	Built-in	Built-in	Built-in	Supplied	Built-in	Built-in	Built-in
USB (Type B)	Built-in	Built-in	Built-in	Built-in	Supplied			
Ethernet (CAT-5)	Built-in	Built-in	Built-in		Option			
Digital Audio I/O (Female DB-25)	Option	Built-in						
Audio Connectors	Euro	XLR/Euro	XLR/Euro	XLR	XLR+Euro	Euro	XLR	XLR
LCD Display	2- Line	4-Line	2-Line	2-Line		4-Line	4-Line	2-Line
Power Supply (Standard IEC)	Switching	Switching	Switching	Switching		Linear	Linear	Linear
Power Supply Voltage	90-240 VAC	90-265 VAC	90-265 VAC	90-265 VAC	+/_ 12VDC	115/230 VAC	115/230 VAC	115/230 VAC
Wall Panel Control Capable	v	v	v		v			
Digital Audio Network	v							
PC GUI	NeuConsole	XConsole	XConsole	XConsole	XConsole	XLink	XLink	XLink
Common								
DSP Processor	40 Bit Floating Point							
Input Impedance (Ohms)	10k							
Output Impedance (Ohms)	25							
Maximum Level (dBu)	20							
Frequency Response (dB)	+/_ 0,1 (20 to 20kHZ @ 48 kHz, 20 to 30 kHZ @ 96 kHZ)							
Dynamic Range (dB)	115 Typical (Unweighted)							
CMRR (dB)	> 100 (50 to 10 kHz)							
Crosstalk (dB)	< - 100							
Distortion (%)	0,002% (1kHz @ +4dBu)							
Dimension	19"x3,5"x9" 483 x 88 x 229mm	19"x1,75"x9" (483 x 44 x 229 mm)				19"x3,5"x8" (483 x 88 x 203 mm)		
Weight	10 Lbs 4.5 kg							