

Xi-Series Loudspeakers
EV Dx38 Digital Parameters

Page 1 of

Dx38 OS Rev.: 0.90

Rev. 2.0 10/24/2000

File: Dx38 Form

Loudspeaker System		Xi-1123A TriAmp DiPole						Xi-1123A Biamp DiPole					
Notes		TriAmp 3-way with overlap						Biamp 3-way (Passive Mid/Hi) with overlap					
Un-hide cells for revision history and specific system notes.		When using with Sub, change LO HiPass to LR24 @ 90Hz. AllPass @ 192Hz, 2nd Order, Q:0.6						When using with Sub, change LO HiPass to LR24 @ 90Hz. AllPass @ 200Hz, 2nd Order, Q:0.5					
Programmer: 1st Rev. - Last Rev.		Steve Jakowski 03JUN04						Steve Jakowski 03JUN04					
Assign-ments	Frequency Band	FR	FR	LO	MID	HI		FR	FR	LO	MID/Hi		
	Connector	IN 1	IN 2	OUT 1	OUT 2	OUT 3	OUT 4	IN 1	IN 2	OUT 1	OUT 2	OUT 3	OUT 4
	Input Source Routing			IN 1	IN 1	IN 1				IN 1	IN 1		
EQ Filter Block	Filter 1 Type			PEQ	PEQ	Bypass				PEQ	PEQ		
	Filter 1 Freq. (Hz)			60	320	*				60	320		
	Filter 1 Q/Slope (Q,dB/Oct)			2.0	2.4	*				2.0	2.4		
	Filter 1 Level (dB)			+6	-5	*				+6	-4		
	Filter 2 Type			PEQ	PEQ	LOSLV				PEQ	PEQ		
	Filter 2 Freq. (Hz)			250	400	1.64K				250	400		
	Filter 2 Q/Slope (Q,dB/Oct)			2.6	3.0	6dB				2.6	4.0		
	Filter 2 Level (dB)			-2	-6	-3				-3	-7		
	Filter 3 Type			PEQ	PEQ	PEQ				PEQ	PEQ		
	Filter 3 Freq. (Hz)			520	960	5.4K				520	1.0K		
	Filter 3 Q/Slope (Q,dB/Oct)			4.0	4.0	5.0				4.0	2.0		
	Filter 3 Level (dB)			+6	-2	-5				+5	-4		
	Filter 4 Type			Allpass	PEQ	HISLV				Allpass	PEQ		
	Filter 4 Freq. (Hz)			240	3.0K	6.3K				250	5.0K		
	Filter 4 Q/Slope (Q,dB/Oct)			2nd	4.0	6dB				2nd	2.0		
	Filter 4 Level (dB)			Q:0.6	-12	+3				Q:0.5	-4		
Crossover	Filter 5 Type												
	Filter 5 Freq. (Hz)												
	Filter 5 Q/Slope (Q,dB/Oct)												
	Filter 1 Level (dB)												
	HP Resp (Type,dB/Oct)			BW24	LR24	LR24				BW24	LR24		
Delay	HP Frequency (Hz)			50	160	1.64K				50	160		
	HP Polarity (Norm/Inv)			NORM	NORM	NORM				NORM	NORM		
	LP Resp (Type,dB/Oct)			LR24	LR24	12Q2.0				LR24	12Q1.5		
	LP Frequency (Hz)			800	1.64K	16.0K				800	16.0K		
Compress- sor	LP Polarity (Norm/Inv)			NORM	NORM	NORM				NORM	NORM		
	Input Delays (mSec)	1.9	1.9					1.9	1.9				
	1+2 Input Delay (mSec)		1.9						1.9				
	Output Delay			0	0	83				0	0		
Limiter	Output Delay Unit			uS	uS	uS				uS	uS		
	Comp Thresh (dBu)												
	Comp Ratio (X:1)												
	Comp Attack (mSec)												
Output	Comp Release (mSec)												
	Limit Thresh (dBu)			0	-2	-3				0	-2		
Knobs	Limit Release (mSec)			80	50	50				80	50		
	Level (dB)			0	-4	-8				0	-5		
	Polarity (Norm/Inv)			NORM	NORM	NORM				NORM	NORM		
	Input	0	0					0	0				
	Output			-6	-6	-6	-6			-6	-6	-6	-6