

Xi-Series Loudspeakers
EV Dx38 Digital Parameters

Loudspeaker System		Xi-1183A in DiPole Mode						Xi-1183A Conventional 3-Way					
Notes Un-hide cells for revision history and specific system notes.		Room and Voicing EQ must be done on Input EQ section ONLY. Changing Output EQ will disturb overall phase alignment and impair DiPole performance. When using with Sub: Set LO HiPass @ LR80 Set LO AllPass @ 144Hz, 2nd Order, Q:0.9						When using with Sub: Set Lo HiPass @ LR80					
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	IN 1	
EQ Filter Block	Filter 1 Type			PEQ	PEQ	Bypass				PEQ	PEQ	Bypass	
	Filter 1 Freq. (Hz)			108	220	***				136	220	***	
	Filter 1 Q/Slope (Q,dB/Oct)			2.4	2.0	***				4.5	2.0	***	
	Filter 1 Level (dB)			-2	+8	***				+2	+8	***	
	Filter 2 Type			PEQ	PEQ	PEQ				PEQ	PEQ	PEQ	
	Filter 2 Freq. (Hz)			280	660	2.4K				280	660	2.4K	
	Filter 2 Q/Slope (Q,dB/Oct)			4.0	2.4	4.5				4.0	2.4	4.5	
	Filter 2 Level (dB)			-5	+6	-1				-5	+6	-1	
	Filter 3 Type			HISLV	PEQ	PEQ				Bypass	PEQ	PEQ	
	Filter 3 Freq. (Hz)			600	700	6.6K				***	700	6.6K	
	Filter 3 Q/Slope (Q,dB/Oct)			6dB	8.0	3.5				***	8.0	3.5	
	Filter 3 Level (dB)			-6	-5	-4				***	-5	-4	
	Filter 4 Type			Allpass	LOSLV	HiSlv				LoPass	PEQ	HiSlv	
	Filter 4 Freq. (Hz)			180	600	6.0K				300	116	6.0K	
	Filter 4 Q/Slope (Q,dB/Oct)			2nd	12dB	12dB				12dB	4.5	12dB	
Filter 4 Level (dB)			Q:1.0	-6	+6				Q:1.0	+4	+6		
Filter 5 Type													
Filter 5 Freq. (Hz)													
Filter 5 Q/Slope (Q,dB/Oct)													
Filter 5 Level (dB)													
Crossover	HP Resp (Type,dB/Oct)			BW24	LR24	LR24				BW24	LR24	LR24	
	HP Frequency (Hz)			50	125	1.76K				50	125	1.76K	
	HP Polarity (Norm/Inv)			INV	NORM	NORM				INV	NORM	NORM	
	LP Resp (Type,dB/Oct)			LR24	LR24	12Q1.5				LR24	LR24	12Q1.5	
	LP Frequency (Hz)			600	1.76K	16.0K				125	1.76K	16.0K	
LP Polarity (Norm/Inv)			INV	NORM	NORM				INV	NORM	NORM		
Delay	Input Delays (mSec)	1.9	1.9					1.9	1.9				
	1+2 Input Delay (mSec)		1.9						1.9				
	Output Delay			0	0	1104				0	0	1104	
	Output Delay Unit			uS	uS	uS				uS	uS	uS	
Compres-sor	Comp Thresh (dBu)												
	Comp Ratio (X:1)												
	Comp Attack (mSec)												
	Comp Release (mSec)												
Limiter	Limit Thresh (dBu)			+2	+1	-3				+2	+1	-3	
	Limit Release (mSec)			100	50	50				100	50	50	
Output	Level (dB)			3	-11.5	-12				3	-11.5	-12	
	Polarity (Norm/Inv)			INV	NORM	NORM				INV	NORM	NORM	
Knobs	Input	0	0					0	0				
	Output			-6	-6	-6	-6			-6	-6	-6	-6