

Xi-Series Loudspeakers
EV Dx38 Digital Parameters

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Rev. 2.0 10/24/2000

Dx38 OS Rev.: 0.90

File: Dx38 Form

Loudspeaker System		Xi-1153A Conventional 3-Way						Xi-1153A in VBS Mode					
Notes								NOTE: Changing ANY of the output settings will alter the phase relationship of the various sections and impair VBS performance. Any and all EQ changes must be done on the Input Section only! When a SubWoofer is used, change OUT 1 HiPass to LR24 @ 80Hz. Change OUT 1 Filter 4 to Allpass @ 100Hz, 2nd order, Q= 0.7					
Programmer: 1st Rev. - Last Rev.		Steve Jakowski 01-10-2006 REV 1.0						Steve Jakowski 01-10-2006 REV 1.0					
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	PEQ				PEQ	PEQ	PEQ	
	Filter 1 Freq. (Hz)			63	800	3.0K				63	660	3.0K	
	Filter 1 Q/Slope (Q,dB/Oct)			2.8	0.7	7.0				2.8	0.7	7.0	
	Filter 1 Level (dB)			+3	-5	-2				+3	-5	-2	
	Filter 2 Type			PEQ	PEQ	PEQ				PEQ	PEQ	PEQ	
	Filter 2 Freq. (Hz)			112	700	2.1K				132	700	2.1K	
	Filter 2 Q/Slope (Q,dB/Oct)			4.5	3.5	4.5				2.4	3.5	4.5	
	Filter 2 Level (dB)			-2	+8	+3				-5	+8	+3	
	Filter 3 Type			PEQ	PEQ	PEQ				PEQ	PEQ	PEQ	
	Filter 3 Freq. (Hz)			200	700	6.0K				270	700	6.0K	
	Filter 3 Q/Slope (Q,dB/Oct)			4.5	8.0	4.5				4.5	8.0	4.5	
	Filter 3 Level (dB)			+3	-7	-4				-5	-7	-4	
	Filter 4 Type			PEQ	PEQ	HISLV				Allpass	PEQ	HISLV	
	Filter 4 Freq. (Hz)			260	160	6.0K				144	160	6.0K	
	Filter 4 Q/Slope (Q,dB/Oct)			4.5	4.5	12dB				2nd	0.7	12dB	
	Filter 4 Level (dB)			-3	-3	+5				0.8	-6	+5	
Crossover	Filter 5 Type	PEQ						PEQ					
	Filter 5 Freq. (Hz)	20.0K						20.0K					
	Filter 5 Q/Slope (Q,dB/Oct)	0.4						0.4					
	Filter 1 Level (dB)	0						0					
	HP Resp (Type,dB/Oct)			BW24	LR24	LR24				BW24	LR24	LR24	
Delay	HP Frequency (Hz)			50	160	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				BSL18	LR24	12Q1.5	
	LP Frequency (Hz)			160	1.76K	16.0K				300	1.76K	16.0K	
	LP Polarity (Norm/Inv)			INV	NORM	NORM				INV	NORM	NORM	
Compress- sor	Input Delays (mSec)	1.9	1.9					1.9	1.9				
	1+2 Input Delay (mSec)		1.9						1.9				
	Output Delay			875	0	542				104	0	542	
	Output Delay Unit			uS	uS	uS				uS	uS	uS	
Limiter	Comp Thresh (dBu)												
	Comp Ratio (X:1)												
	Comp Attack (mSec)												
	Comp Release (mSec)												
Output	Limit Thresh (dBu)			+2	+1	-3				+2	+1	-3	
	Limit Release (mSec)			80	50	50				80	50	50	
Knobs	Level (dB)			0	-7	-16				0	-7	-16	
	Polarity (Norm/Inv)			INV	NORM	NORM				INV	NORM	NORM	
Knobs	Input	0	0					0	0				
	Output			-6	-6	-6	-6			-6	-6	-6	-6