

**EV Xi X-Array Install Loudspeakers**  
**EV Dx34A Digital Parameters**

Loudspeaker System		XI-1153/64 3-Way Mono 3-Way + Subwoofer					Xi-2153/64 3-Way Mono 3-Way + Subwoofer				
Notes		*This configuration is for 3-way, no-overlap crossover. For dipole configuration, use Merlin ISP-100 crossover. *Adjust limiters for driver protection. *Subwoofer optional - See subwoofer parameter section.					*This configuration is for 3-way, no-overlap crossover. For tripole configuration, use Merlin ISP-100 crossover. *Adjust limiters for driver protection. *Subwoofer optional - See subwoofer parameter section.				
Programmer: 1st Rev. - Last Rev.		DEC: 07/28/98 - 07/29/98					DEC: 07/28/98 - 07/29/98				
Dx34A Program Title		XI-1153/64 3					XI-2153/64 3				
Dx34A Configuration		3-Way					3-Way				
Frequency Band		FR	1153/64 LF	1153/64 MB	1153/64 HF	1191 SUB	FR	2153/64 LF	2153/64 MB	2153/64 HF	1191 SUB
Dx34A Output		1,2&3	1	2	3	4	1,2&3	1	2	3	4
Edit Menu	Input Master Delay (mS)	2.0					2.0				
	Input Master PEQ Freq (Hz)										
	Input Master PEQ Q (Q)										
	Input Master PEQ Gain (dB)										
	Low-Cut Freq (Hz)		52.0					52.0			
	Low-Cut Slope (dB/Oct)		12					12			
	Low-Cut Q (Q)		0.7					0.7			
	LSF Freq. (Hz)		80					80			
	LSF Slope (dB/Oct)		6					6			
	LSF Gain (dB)		0					0			
	HPF Freq. (Hz)			125	1760				125	1760	
	HPF Resp. (Type-dB/Oct)			LR	LR24				LR	LR24	
	PEQ1 Freq. (Hz)		112	184	4200			112	184	4200	
	PEQ1 Q (Q)		2.2	1.8	1.0			2.2	1.8	1.0	
	PEQ1 Gain (dB)		-3.0	-4.0	-4.0			-3.0	-5.0	-4.0	
	PEQ2 Freq. (Hz)			1120	14000				1120	14000	
	PEQ2 Q (Q)			0.6	2.0				0.6	2.0	
	PEQ2 Gain (dB)			-2.0	+10.0				-2.0	+10.0	
	LPF Freq. (Hz)		125	1760				125	1760		
	LPF Resp. (Type-dB/Oct)			LR24	LR24				LR24	LR24	
HSF Freq. (Hz)				7200					7200		
HSF Slope (dB/Oct)				6					6		
HSF Gain (dB)				+4.0					+4.0		
Output Align Delay (uS)		0	0	1003			0	0	1003		
Polarity (Normal, Invert)			Invert	Norm	Norm			Invert	Norm	Norm	
Digital Output Gain (dB)		+6.0	-2.0	-9.0			0	-2.0	-9.0		
Limiter Thresh. (dBu)		+6.0	+5.0	+3.0			+6.0	+5.0	+3.0		
Limiter Decay (dB/mS)		50	50	50			50	50	50		
Limiter Hold (mS)		5	5	5			5	5	5		
Channel 1 Mode (L,R,L+R)			Select					Select			
Channel 4 Mode (L,R,L+R)											
Output Knobs (dB)		0	0	0			0	0	0		
Input Knob (dB)		0					0				
2-Way L-R Mode											
Delay Units		uSec					uSec				
Limiter Thresh. Reference		dBu (0dBu=.775v)					dBu (0dBu=.775v)				
VU Display		No Peak (dB from clip)					No Peak (dB from clip)				

See Xi-1191 Subwoofer Parameter Section for Normal & Step-Down Tuning

See Xi-1191 Subwoofer Parameter Section for Normal & Step-Down Tuning

See Xi-116

**EV Xi-2153/64 3-Way Loudspeakers  
KT DN8000 Digital Parameters**

File: Xi2153643WDM.XLS

DN8000 Software Rev.: V1.15

Loudspeaker System		Xi-2153/64 Mono 3-Way + Sub				
Notes		*This configuration for 3-way, no-overlap crossover. For tripole configuration, use Merlin ISP-100 crossover. *Adjust limiters for driver protection. *Adjust compressors & gates as necessary. *Subwoofer optional - See Subwoofer parameter section.				
Programmer: 1st Rev. - Last Rev.		DEC: 07/22/98 - DEC: 07/28/98				
DN8000 Program Title		XI-2153/64 3W				
Main Input Master Delays (uS)		A: 20		B: 20		
Frequency Band		2153/64	2153/64	2153/64	1191	
DN8000 Output		LF	MB	HF	SUB	
Input Source (A, B)		1	2	3	4	5
Main Menu	Output Align Delay (uS)	A	A	A		
	Polarity (Normal, invert)	20	20	1020		
	Phase Adjust (Deg.)	Invert	Norm	Norm		
	Output Mute (On, Off)	0	0	0		
	Digital Output Level (dB)	Off	Off	Off		
	Output Display Label	+6.0	+4.0	+2.0		
	Output Display Label	Lo	Mid	Hi		
EQ Menu	HPF Freq. (Hz)	53.6	125	1.78k		
	HPF Resp. (Type-dB/Oct)	But24	LR24	LR24		
	HPF Lift/Boost (dB)	0	0	0		
	LPF Freq. (Hz)	125	1.78k	16.0k		
	LPF Resp. (Type-dB/Oct)	LR24	LR24	But24		
	PEQ1 Freq. (Hz)	37.4	182	3.37k		
	PEQ1 BW (Oct)	0.5	0.8	0.8		
	PEQ1 Level (dB)	0	-5.5	-6.0		
	PEQ2 Freq. (Hz)	51.7	400	6.30k		
	PEQ2 BW (Oct)	0.4	0.5	0.7		
	PEQ2 Level (dB)	0	-0.5	-5.0		
	LEQ Freq. (Hz)	113	717	1.00k		
	LEQ BW, SL (Oct, dB/Oct)	0.6	0.5	LSF6		
LEQ Level (dB)	-3.0	-1.5	-9.0			
HEQ Freq. (Hz)	500	1.35k	14.0k			
HEQ BW, SL (Oct, dB/Oct)	0.7	1.2	0.6			
HEQ Level (dB)	0	-3.0	+8.0			
Dynamics Menu	Comp. Thresh. (dBu)	+10.0	+10.0	+10.0		
	Comp. Ratio (X:1)	2	3	3		
	Comp. Attack (mS)	10	10	1		
	Comp. Release (mS)	200	150	100		
	Gate Thresh. (dBu)	-80	-80	-80		
	Gate Range (dB)	Off	Off	Off		
	Gate Decay (dB/mS)	.02	.04	.06		
Limiters Menu	Limiters Thresh. (dBu)	+6.0	+5.0	+3.0		
Knob	Output Knobs (dB)	-6.0	-6.0	-6.0		
	Input Knobs (dB)	A: 0		B: 0		
Options Menu	Limiters Thresh. Reference	dBu (0dBu=775v)				
	Comp. Thresh. Ref. & Link	dBu (0dBu=775v)			No Linkage	
	Output Meter Reference	dB from Limit				
	Output Meter Peak Hold	Auto Clear				
	Delay Units & Temp. Comp.	uSec		20 Deg. C. Set		
Maximum Output Voltage		2.45v; Power Amp (+10.0 dBu)				

--- See Xi-1191 Subwoofer Parameter Section for Normal Tuning & Step-Down Tuning ---