

Electro-Voice DeltaMax Loudspeaker Systems - Original & "A" Versions

Rev: 6/1/96b

DX-34 Programming Tables

File: DMLA-DX

Title:	DML-1122A			DML-1152A			DML-2181A & DML-1122A					DML-2181A & DML-1152A				
DX-34 Configuration:	2-Way Configuration			2-Way Configuration			3-Way Configuration					3-Way Configuration				
Notes:							Front of DML-1122 flush with front of DML-2181.					Front of DML-1152 flush with front of DML-2181.				
AP Files:																
Programmer/Date:	FJB/DEC - 2/12/96			FJB/DEC - 2/12/96			FJB/DEC - 2/12/96					FJB/DEC - 2/12/96				
	FR	#1/#3	#2/#4	FR	#1/#3	#2/#4	FR	#1	#2	#3	#4	FR	#1	#2	#3	#4
Master Delay (ms):	2.0			2.0			2.0					2.0				
Master PEQ Freq (Hz):	960			680												
Master PEQ Q:	.80			1.0												
Master PEQ Gain (dB):	-2			-3												
Low-Cut Freq (Hz):		78			50			40			40		40			40
Low-Cut Slope (dB/Oct):		-12			-12			-12			-12		-12			-12
Low-Cut Q:		1.2			2.0			2.0			2.0		2.0			2.0
LSH Freq. (Hz):		280			100			68			68		n/a			68
LSH Slope (dB/Oct):		12			6			6			6		n/a			6
LSH Gain (dB):		+5			0			0			0		0			0
HP Freq. (Hz):			1280			1120			80	1360				70	1120	
HP Filter Type:			L-R			L-R			L-R	L-R				L-R	L-R	
HP Slope (dB/Oct):			-24			-24			-24	-24				-24	-24	
PEQ1 Freq. (Hz):		74	4400		60	4400		32	108	4400	32		32	172	4400	32
PEQ1 Q:		1.2	.70		1.0	.70		3.5	1.0	.70	3.5		3.5	1.5	.70	3.5
PEQ1 Gain (dB):		+4	-6		+4	-10		+4	+8	-6	+4		+4	+2	-10	+4
PEQ2 Freq. (Hz):			1800			14800			720	1800				720	14800	
PEQ2 Q:			1.2			1.0			1.0	1.2				1.0	1.0	
PEQ2 Gain (dB):			-3			0			-2	-3				-2	0	
LP Freq. (Hz):		1200			1000			112	1200		112		112	1000		112
LP Filter Type:		L-R			L-R			L-R	L-R		L-R		L-R	L-R		L-R
LP Slope (dB/Oct):		-24			-24			-24	-24		-24		-24	-24		-24
HSH Freq. (Hz):			10000			10000				10000					10000	
HSH Slope (dB/Oct):			12			12				12					12	
HSH Gain (dB):			+6			+5				+6					+5	
Delay (us):		0	0		533	0		277	0	0	277		1323	533	0	1323
Polarity (Norm./Invert.):		Norm	Norm		Norm	Norm		Invert.	Norm.	Norm.	Invert.		Invert.	Norm.	Norm.	Invert.
Output Gain (dB):		+5	0		+5	0		0	+5	0	0		0	+5	0	0
Limiter Thresh. (dBU):		+21	+21		+21	+21		+21	+21	+21			+21	+21	+21	
Limiter Decay (dB/ms):		50	50		50	50		50	50	50			50	50	50	
Limiter Hold (ms):		5	5		5	5		5	5	5			5	5	5	
Channel 1 Mode:								L+R					L+R			
Channel 4 Mode:											L+R					L+R

DML Loudspeakers EV Dx34A Digital Parameters

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Rev. 1.00 - 07/13/99

Dx34A O.S. Rev. 3.01

File: DML Systems Dx34 Parameters Rev 1.0

Loudspeaker System		DML-1122 2-Way			DML-1122 & DML-2181 3-Way				
Notes Un-hide cells for revision history and specific system notes.		*These parameters duplicate the response of the DMC-1122A controller without loudspeaker protection.			*These parameters duplicate the response of the DMC-1122A & DMC2181S controllers without loudspeaker protection.				
Programmer: 1st Rev. - Last Rev.		FJB/DEC: 02/12/96			FJB/DEC: 02/12/96				
Dx34A Program Title		1122			1122/2181				
Dx34A Configuration		2-Way			3-Way				
Frequency Band		FR	1122 LF	1122 HF	FR	2181 SUB	1122 LF	1122 HF	
Dx34A Output		1&2/3&4	1/3	2/4	1,2&3	1	2	3	4
Edit Menu	Input Master Delay (mS)	2.0			2.0				
	Input Master PEQ Freq (Hz)	960							
	Input Master PEQ Q (Q)	.80							
	Input Master PEQ Gain (dB)	-2.0							
	Low-Cut Freq (Hz)		78.0			40.0			
	Low-Cut Slope (dB/Oct)		12			12			
	Low-Cut Q (Q)		1.2			2.0			
	LSF Freq. (Hz)		280			68.0			
	LSF Slope (dB/Oct)		12			6			
	LSF Gain (dB)		+5.0			0			
	HPF Freq. (Hz)			1280			80.0	1280	
	HPF Resp. (Type-dB/Oct)			LR24			LR24	LR24	
	PEQ1 Freq. (Hz)		74.0	4400		32.0	108	4400	
	PEQ1 Q (Q)		1.2	.70		3.5	1.0	.70	
	PEQ1 Gain (dB)		+4.0	-6.0		+4.0	+8.0	-6.0	
	PEQ2 Freq. (Hz)			1800			720	1800	
	PEQ2 Q (Q)			1.2			1.0	1.2	
	PEQ2 Gain (dB)			-3.0			-2.0	-3.0	
	LPF Freq. (Hz)		1200			112	1200		
	LPF Resp. (Type-dB/Oct)		LR24			LR24	LR24		
	HSF Freq. (Hz)			10000				10000	
	HSF Slope (dB/Oct)			12				12	
	HSF Gain (dB)			+6.0				+6.0	
	Output Align Delay (uS)		0	0		277	0	0	
	Polarity (Normal, Invert)		Norm	Norm		Invert	Norm	Norm	
	Digital Output Gain (dB)		+5.0	0		0	+5.0	0	
	Limiter Thresh. (dBu)		+21.0	+21.0		+21.0	+21.0	+21.0	
	Limiter Decay (dB/mS)		50	50		50	50	50	
Limiter Hold (mS)		5	5		5	5	5		
Channel 1 Mode (L,R,L+R)					L+R				
Channel 4 Mode (L,R,L+R)									
Knob	Output Knobs (dB)		0	0		0	0	0	0
	Input Knob (dB)		0			0			
Options	2-Way L-R Mode	Select Link or Independent							
	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)				

DML Loudspeakers
EV Dx34A Digital Parameters

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Dx34A O.S. Rev. 3.01

Rev. 1.00 - 07/13/99
File: DML Systems Dx34 Parameters Rev 1.0

Loudspeaker System		DML-1152 2-Way			DML-1152 & DML-2181 3-Way			
Notes		*These parameters duplicate the response of the DMC-1152A controller without loudspeaker protection.			*These parameters duplicate the response of the DMC-1152A & DMC2181S controllers without loudspeaker protection.			
Un-hide cells for revision history and specific system notes.								
Programmer: 1st Rev. - Last Rev.		FJB/DEC: 02/12/96			FJB/DEC: 02/12/96			
Dx34A Program Title		1152			1152/2181			
Dx34A Configuration		2-Way			3-Way			
Frequency Band		FR	1152 LF	1152 HF	FR	2181 SUB	1152 LF	1152 HF
Dx34A Output		1&2/3&4	1/3	2/4	1,2&3	1	2	3
Edit Menu	Input Master Delay (mS)	2.0			2.0			
	Input Master PEQ Freq (Hz)	680						
	Input Master PEQ Q (Q)	1.0						
	Input Master PEQ Gain (dB)	-3.0						
	Low-Cut Freq (Hz)		50.0			40.0		
	Low-Cut Slope (dB/Oct)		12			12		
	Low-Cut Q (Q)		2.0			2.0		
	LSF Freq. (Hz)		100			68.0		
	LSF Slope (dB/Oct)		6			6		
	LSF Gain (dB)		0			0		
	HPF Freq. (Hz)			1120			70.0	1120
	HPF Resp. (Type-dB/Oct)			LR24			LR24	LR24
	PEQ1 Freq. (Hz)		60.0	4400		32.0	172	4400
	PEQ1 Q (Q)		1.0	.70		3.5	1.5	.70
	PEQ1 Gain (dB)		+4.0	-10.0		+4.0	+2.0	-10.0
	PEQ2 Freq. (Hz)			14800			720	14800
	PEQ2 Q (Q)			1.0			1.0	1.0
	PEQ2 Gain (dB)			0			-2.0	0
	LPF Freq. (Hz)		1000			112	1000	
	LPF Resp. (Type-dB/Oct)		LR24			LR24	LR24	
	HSF Freq. (Hz)			10000				10000
	HSF Slope (dB/Oct)			12				12
	HSF Gain (dB)			+5.0				+5.0
	Output Align Delay (uS)		533	0		1323	533	0
	Polarity (Normal, Invert)		Norm	Norm		Invert	Norm	Norm
	Digital Output Gain (dB)		+5.0	0		0	+5.0	0
	Limiter Thresh. (dBu)		+21.0	+21.0		+21.0	+21.0	+21.0
	Limiter Decay (dB/mS)		50	50		50	50	50
Limiter Hold (mS)		5	5		5	5	5	
Channel 1 Mode (L,R,L+R)					L+R			
Channel 4 Mode (L,R,L+R)								
Knob	Output Knobs (dB)		0	0		0	0	0
	Input Knob (dB)	0			0			
Options	2-Way L-R Mode	Select Link or Independent						
	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)			