

Dx34 Programming Tables

Page 1 of 4

4/11/97

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Dx34 Programming Tables

4/11/97

File: DMS3-DX

Title:		DMS-2181 & DMS-1122/85 *				DMS-2181 & DMS-1122/85 *				DMS-2181 & DMS-1152/64 *				DMS-2181 & DMS-1152/64 *			
Notes:		3-Way operation				2-Way Plus SUB Operation				3-Way operation				2-Way Plus SUB Operation			
Original Programming / Last Revision:		Full 3-way operation DMS-1122/85 & DMS-2181 fronts flush * Preliminary - not finalized Original: n/a DEC - 11/1/96				2-way plus sub operation DMS-1122/85 & DMS-2181 fronts flush * Preliminary - not finalized Original: n/a DEC - 11/21/96				Full 3-way operation DMS-1152/64 & DMS-2181 fronts flush * Preliminary - not finalized Original: n/a DEC - 11/1/96				2-way plus sub operation DMS-1152/64 & DMS-2181 fronts flush * Preliminary - not finalized Original: n/a DEC - 11/21/96			
Dx34 Configuration:		3-Way				3-Way				3-Way				3-Way Plus SUB Configuration			
Frequency Band:	n/a	SUB	LF	HF	n/a	SUB	LF	HF	n/a	SUB	LF	HF	n/a	SUB	LF	HF	
Dx34 Output:	FR	#1	#2	#3	FR	#1	#2	#3	FR	#1	#2	#3	FR	#1	#2	#3	
Master Delay (ms):	2.0				2.0				2.0				2.0				
Master PEQ Freq (Hz):																	
Master PEQ Q:																	
Master PEQ Gain (dB):																	
Low-Cut Freq (Hz):		37				37	78			37				37	50		
Low-Cut Slope (dB/Oct):		-12				-12	-12			-12				-12	-12		
Low-Cut Q:		.70?				.70?	1.2			.70?				.70?	1.2		
LSH Freq. (Hz):		100	240			100	240			100	94			100	94		
LSH Slope (dB/Oct):		6	6			6	6			6	6			6	6		
LSH Gain (dB):		0	+11			0	+11			0	+8			0	+8		
HP Freq. (Hz):			80	1480			50?	1480			80	1480			40?	1480	
HP Filter Type:			L-R	L-R			L-R	L-R			L-R	L-R			L-R	L-R	
HP Slope (dB/Oct):			-24	-24			-24	-24			-24	-24			-24?	-24	
PEQ1 Freq. (Hz):		42?	???	2700		42?	???	2700		42?	???	3400		42?	???	3400	
PEQ1 Q:		3.5?	???	.40		3.5?	???	.40		3.5?	???	.60		3.5?	???	.60	
PEQ1 Gain (dB):		+4?	???	-6		+4?	???	-6		+4?	???	-7		+4?	???	-7	
PEQ2 Freq. (Hz):			600	12800			600	12800			680	12800			680	12800	
PEQ2 Q:			3.2	1.3			3.2	1.3			3.8	1.0			3.8	1.0	
PEQ2 Gain (dB):			-3	+9			-3	+9			-2	+10			-2	+10	
LP Freq. (Hz):		80	1480			80	1480			80	1480			80	1480		
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):				6				6				6				6	
HSH Gain (dB):				0				0				0				0	
Delay (us):		???	213	0		???	213	0		???	448	0		???	448	0	
Polarity (Norm./Invert.):		Norm.	Norm.	Norm.		Norm.	Norm.	Norm.		Norm.	Norm.	Norm.		Norm.	Norm.	Norm.	
Output Gain (dB):		0	+6	-1		0	+6	-1		0	+6	-4		0	+6	-4	
Limiter Thresh. (dBu):		+21	+21	+21		+21	+21	+21		+21	+21	+21		+21	+21	+21	
Limiter Decay (dB/ms):		50	50	50		50	50	50		50	50	50		50	50	50	
Limiter Hold (ms):		5	5	5		5	5	5		5	5	5		5	5	5	
Channel 1 Mode:		L+R				L+R				L+R				L+R			
Channel 4 Mode:																	

Electro-Voice DeltaMax Loudspeaker Systems - DMS Versions

Dx34 Programming Tables

File: DMS3-DX

Page 3 of 4

4/11/97

Title:	DMS-1183/64					DMS-2181T & DMS-1183/64					DMS-2181T & DMS-2122/42				
Notes:	3-Way Operation EQ re-done to match DMS-2122/42 * HF delay may need to be reset because of MB top end anomalies in prototype unit Original Programming / Last Revision: DEC - 10/31/96 DEC - 4/11/97					3-Way Plus SUB Operation EQ re-done to match DMS-2122/42 * HF delay may need to be reset because of MB top end anomalies in prototype unit DEC - 10/31/96 DEC - 4/11/97					3-Way Plus SUB Configuration QC/EDS for DMS-2122/42 * LF delay must be set to match DMS-2122/42MB SUB may be driven from #1 or #4 FJB - 11/1/96 DEC - 1/31/97				
Dx34 Configuration:	3-Way					3-Way					3-Way				
Frequency Band:	n/a	LF	MB	HF	n/a	n/a	LF	MB	HF	SUB	n/a	SUB	MB	HF	SUB
Dx34 Output:	FR	#1	#2	#3	#4	FR	#1	#2	#3	#4	FR	#1	#2	#3	#4
Master Delay (ms):	2.0					2.0					2.0				
Master PEQ Freq (Hz):															
Master PEQ Q:															
Master PEQ Gain (dB):															
Low-Cut Freq (Hz):		37			37		37			37		37			37
Low-Cut Slope (dB/Oct):		-12			-12		-12			-12		-12			-12
Low-Cut Q:		0.7			.70		0.7			0.70		.70			.70
LSH Freq. (Hz):		100			100		100			100		100			100
LSH Slope (dB/Oct):		6			6		6			6		6			6
LSH Gain (dB):		0			0		0			0		0			0
HP Freq. (Hz):			140	1480				140	1480				160	1480	
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):		52	330	3800	42		52	330	3800	42		42	380	3800	42
PEQ1 Q:		3.5	1.0	.50	3.5		3.5	1.0	.50	3.5		3.5	2.5	.90	3.5
PEQ1 Gain (dB):		+6	-8	-6	+6		+6	-8	-6	+6		+6	-4	-7	+6
PEQ2 Freq. (Hz):			660	14000				660	14000				760	6200	
PEQ2 Q:			4.0	1.0				4.0	1.0				1.7	2.7	
PEQ2 Gain (dB):			-2	+7				-2	+7				-6	-4	
LP Freq. (Hz):		160	1480		80/160		160	1480		80/160		160	1480		160
LP Filter Type:		L-R	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		-24
HSH Freq. (Hz):				10800					10800					10000	
HSH Slope (dB/Oct):				12					12					12	
HSH Gain (dB):				+3					+3					+3	
Delay (us):		2731	0	1259	3000		2731	0	1259	3000		2539?	0	1088	3000
Polarity (Norm./Invert.):		Norm.	Norm.	Norm.	Norm.		Norm.	Norm.	Norm.	Norm.		Norm.	Norm.	Norm.	Norm.
Output Gain (dB):		+6	+1	-5	+2		+6	+1	-5	+2		+6?	0	-5	+6?
Limiter Thresh. (dBU):		+21	+21	+21			+21	+21	+21			+21	+21	+21	
Limiter Decay (dB/ms):		50	50	50			50	50	50			50	50	50	
Limiter Hold (ms):		5	5	5			5	5	5			5	5	5	
Channel 1 Mode:		L					L					L			
Channel 4 Mode:					L+R					L+R					L+R

Electro-Voice DeltaMax Loudspeaker Systems - DMS Versions

DX-34 Programming Tables

File: DMS3-DX

Page 4 of 4

1/31/97

Title:	DMS-2181T & DMS-1183/64 *				
DX-34 Configuration:	4-Way Configuration				
Notes:	* 4-way never set up. This is a best guess based on the 3-way system above Rev 11/1/96				
	DEC - 11/27/96				
	DEC - n/a				
Programmer/Date:					
	FR	#1	#2	#3	#4
Master Delay (ms):	2.0				
Master PEQ Freq (Hz):					
Master PEQ Q:					
Master PEQ Gain (dB):					
Low-Cut Freq (Hz):		37			
Low-Cut Slope (dB/Oct):		-12			
Low-Cut Q:		0.70			
LSH Freq. (Hz):		100			
LSH Slope (dB/Oct):		6			
LSH Gain (dB):		0			
HP Freq. (Hz):			80	140	1480
HP Filter Type:			L-R	L-R	L-R
HP Slope (dB/Oct):			-24	-24	-24
PEQ1 Freq. (Hz):		42	52	330	3800
PEQ1 Q:		3.5	3.5	1.0	.50
PEQ1 Gain (dB):		+6	+6	-8	-6
PEQ2 Freq. (Hz):				660	14000
PEQ2 Q:				4.0	1.0
PEQ2 Gain (dB):				-2	+7
LP Freq. (Hz):		80	160	1480	
LP Filter Type:		L-R	L-R	L-R	
LP Slope (dB/Oct):		-24	-24	-24	
HSH Freq. (Hz):					10800
HSH Slope (dB/Oct):					12
HSH Gain (dB):					+3
Delay (us):		2731?	2731	0	1259
Polarity (Norm./Invert.):		Norm.	Norm.	Norm.	Norm.
Output Gain (dB):		+6?	+6?	+1?	-5?
Limiter Thresh. (dBU):		+21	+21	+21	+21
Limiter Decay (dB/ms):		50	50	50	50
Limiter Hold (ms):		5	5	5	5
Channel 1 Mode:					
Channel 4 Mode:					