

DSC280 Tuning Parameters

DSC260 Recommended C236 Emulation Settings							
March 17, 1997							
	Output	201 Card	202 Card	203 Card	205 Card	206 Card	210 Card
Sub		P798	I746, P746 or P749	I746, P746 or P749	--	I746, P746 or P749	I746, P746 or P749
LF Loudspeaker		P749	--	--	--	--	
Mid/High Loudspeaker		I770 or P771	I770 or P771	I732, P732 or P733	P723	I750 or P751	I726 or P726
DELAY ms							
A	Subs	0.833	0.833	0.833	0.833	0.833	0.833
B	Lows	0.833	0.833	0.833	0.833	0.833	0.833
C	Highs	0.000	0.000		0.000	0.000	0.000
D	Unused						
Polarity [+] unless noted							
EQ							
A1 Freq. Response Hz	Subs	105	105		94.3	32.3	31/2
Bandwidth in Octaves		0.7	0.7		0.6	0.65	0.35
dB		8	8		+1.5	+3	+2
A2 Freq. Response Hz	Subs					60.3	125
Bandwidth in Octaves						0.3	0.65
dB						-1	+3
B1 Freq. Response Hz	Lows	517	517	38.4	52.5	108	159
Bandwidth in Octaves		0.2	0.2	1.0	1.7	1.05	0.65
dB		-3	-3	+2	+2.5	+4.5	+6.5
B2 Freq. Response Hz	Lows	1k	1k	517	732		1.07k
Bandwidth in Octaves		0.6	0.6	0.15	0.15		0.45
dB		+2.5	+2.5	-4	4.5		+1.5
C1 Freq. Response Hz	Highs	9.84k	9.84k	11.3k	9.84k	10.1k	8.87k
Bandwidth in Octaves		0.45	0.45	0.5	0.7	0.45	0.45
dB		+7.5	+7.5	+8	7	+6	6.5
C2 Freq. Response Hz	Highs	2.21k	2.21k	16k	13.9k	4.0k	3.36k
Bandwidth in Octaves		0.5	0.5	High 12	High 6	1.55	1.5
dB		+3	+3	+4	+6.5	-3	-3.5
D1 Freq. Response Hz	Unused						
Bandwidth in Octaves							
dB							
D2 Freq. Response Hz	Unused						
Bandwidth in Octaves							
dB							
CROSSOVER							
A Gain dB	Subs	-8	-3		-4.5	0	-0.5
Limit*		+1dBu	+1dBu		+1dBu	+1dBu	+1dBu
Slope - low, hi		LR 24,LR24	LR 24,LR24		LR 24,LR24	LR 24,LR24	LR 24,LR24
FR - low, hi Hz		18, 101	18, 101		35.8, 105	35.8, 98.1	28.1, 129
B Gain dB	Lows	0	0	0	0	-8.5	0
Limit*		+1dBu	+1dBu	+1dBu	+1dBu	+1dBu	+1dBu
Slope - low, hi		LR 24,LR24	LR 24,LR24	LR 24,LR24	LR 24,LR24	LR 24,LR24	LR 24,LR24
FR - low, hi Hz		20.6, 1.14k	94.3, 1.14k	31.2, 1.07k	27.2, 1.03k	94.3, 1.0k	133, 1.0k
C Gain dB	Highs	-6.5	-6.5	-7.5	-5.5	-9	-5.5
Limit*		-1dBu	-1dBu	-1dBu	-1dBu	-1dBu	-1dBu
Slope - low, hi		LR 48, Out	LR 48, Out	LR 24,LR24	LR 24,LR24	LR 24,LR24	LR 24,LR24
FR - low, hi Hz		812, Out	812, Out	901, Out	965, Out	965, Out	965, Out
D Gain dB	Unused						
Limit*							
Slope - low, hi							
FR - low, hi Hz							
Note: Subwoofers are considered stereo. They can be summed to mono if desired.							

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Supplemental EQ available in DSC260 but not DSC280								
A3 Freq. Response Hz								
Bandwidth in Octaves								
dB								
B3 Freq. Response Hz		23.6	105	203				406
Bandwidth in Octaves		0.75	0.9	1.0				1.0
dB		+3	+2	-0.5				-0.5
C3 Freq. Response Hz		13.4k	13.4k	4.43k			1.18k	
Bandwidth in Octaves		High 6	High 6	1.85			0.45	
dB		+6	+6	-1			+2	
* Limits are based on specified MPA 1100 LF amplifiers with 4 ohm loads and MPA 600 HF with 8 ohm loads.								