

JBL Marquis Dance Stack

DSP Parameters For Crown I-Tech HD Amplifiers

5-Way speaker stack using the following modules: MD1 UHF, MD2 MF/HF, Dual MD3 LF, and Dual MD7 Subwoofers

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	Dual MD7 Sub	Dual MD3 LF	MD2		MD1 UHF
			MF	HF	
High Pass Family	IIR	IIR	IIR	IIR	IIR
High Pass Type	Linkwitz-Riley 48 dB/oct	Linkwitz-Riley 48 dB/oct	Linkwitz-Riley 48 dB/oct	Linkwitz-Riley 48 dB/oct	Linkwitz-Riley 48 dB/oct
High Pass Frequency	20 Hz	70 Hz	300 Hz	1.50 kHz	10.00 kHz
Low Pass Family	IIR	IIR	IIR	IIR	
Low Pass Type	Linkwitz-Riley 48 dB/oct	Linkwitz-Riley 48 dB/oct	Linkwitz-Riley 48 dB/oct	Linkwitz-Riley 48 dB/oct	
Low Pass Frequency	70 Hz	300 Hz	1.50 kHz	10.00 kHz	
Bandpass Gain	+9.0 dB	+4.0 dB	+8.4 dB	+12.1 dB	+20.0 dB
Output Polarity	(+) Non-inverting	(+) Non-inverting	(+) Non-inverting	(+) Non-inverting	(+) Non-inverting
Output Delay	2.800 ms	0.000 ms	0.800 ms	0.700 ms	1.380 ms
Filter #1 Type	Parametric EQ	Parametric EQ	Parametric EQ	Parametric EQ	Parametric EQ
Filter #1 Frequency	27 Hz	101 Hz	500 Hz	1.94 kHz	7.00 kHz
Filter #1 Gain	+4.0 dB	+1.9 dB	-8.6 dB	-15.0 dB	-7.1 dB
Filter #1 Q	4.00 Q	3.03 Q	1.62 Q	0.84 Q	3.54 Q
Filter #2 Type	Parametric EQ	Parametric EQ	Parametric EQ	Parametric EQ	Parametric EQ
Filter #2 Frequency	65 Hz	133 Hz	721 Hz	1.96 kHz	11.20 kHz
Filter #2 Gain	+1.0 dB	-5.0 dB	-2.2 dB	+1.3 dB	-15.0 dB
Filter #2 Q	3.00 Q	2.72 Q	2.84 Q	4.00 Q	2.44 Q
Filter #3 Type	Parametric EQ	Parametric EQ	Parametric EQ	Parametric EQ	Parametric EQ
Filter #3 Frequency	115 Hz	488 Hz	900 Hz	7.12 kHz	19.70 kHz
Filter #3 Gain	-6.0 dB	+3.0 dB	-1.0 dB	+2.8 dB	+8.8 dB
Filter #3 Q	2.60 Q	0.85 Q	8.20 Q	4.60 Q	3.55 Q
Filter #4 Type				Parametric EQ	
Filter #4 Frequency				12.30 kHz	
Filter #4 Gain				+3.7 dB	
Filter #4 Q				8.20 Q	
Filter #5 Type				Parametric EQ	
Filter #5 Frequency				19.60 kHz	
Filter #5 Gain				+12.8 dB	
Filter #5 Q				8.30 Q	
Filter #6 Type					
Filter #6 Frequency					
Filter #6 Gain					
Filter #6 Q					
Filter #7 Type					
Filter #7 Frequency					
Filter #7 Gain					
Filter #7 Q					
Filter #8 Type					
Filter #8 Frequency					
Filter #8 Gain					
Filter #8 Q					
Limiter Peak Threshold	Auto	Auto	Auto	Auto	Auto
Limiter Peak Release	Auto	Auto	Auto	Auto	Auto
Limiter RMS Threshold	110.0 V	77.0 V	51.0 V	24.0 V	24.0 V
Limiter RMS Release	Auto	Auto	Auto	Auto	Auto
Thermal Voltage	85.0 V	58.0 V	39.0 V	17.0 V	19.0 V
Thermal Response Time	8.0 s	8.0 s	3.0 s	1.0 s	1.0 s