



Processor Settings  
**Model CPA6600**

**Crossover**

	Frequency	Slope
HPF	65Hz	24dB Oct. (4nd order) Butterworth
w/ adjacent sub - HPF	160Hz	24dB Oct. (4th order) Butterworth

**Equalization**

Frequency	BW*	Q	Level
300Hz	.3	4.8	-3dB
630Hz	.4	3.6	-3dB
1,060Hz	.4	3.6	+4dB
2,000Hz	.4	3.6	-5dB
11,300Hz	1	1.4	+3dB

Equalization Settings were developed in an anechoic environment

**Limiting**

RMS Voltage See Application Note "Setting System Limiters"

40 Volts, 16 msec attack, 256 msec release, 100:1 ratio (recommended predictive peak stop @ 56 Volts or amp clipping)

**\* BW Disclaimer**

Different DSP processor manufactures are not consistent in their implementation of digital parametric EQs. **The SLS recommended filters will not be replicated by all DSP devices.** If the DSP device that is used continuously varies the Q value of the filter depending on the +/- dB level, the DSP will not match our settings. (Most of these devices do not allow filter Q to be shown at all.)