



Processor Settings
Cinema System 200

Crossover

	Frequency	Slope
CSB215 - HPF	35Hz	24dB Oct. (4th order) Butterworth
CSB215 - LPF	200Hz	24dB Oct. (4th order) Linkwitz/Riley
CS200MH - HPF	200Hz	24dB Oct. (4th order) Linkwitz/Riley

Equalization

	Frequency	BW*	Q	Level
CSB215	38Hz	.71	2	+5dB
CS200MH	420Hz	.48	3	+4dB
	500Hz	1	1.41	+3dB
	620Hz	.36	4	-3dB
	1100Hz	.67	2.14	+3dB
	1300Hz	.24	6	+2dB
	3500Hz	1	1.41	+3dB

Delay

	Time	Polarity
LF	none	positive
HF/MF	none	positive

Some DSP units will change the propagation delay for each output depending on how much processing is on that channel

Limiting

	RMS Voltage
LF	56.6 Volts, 16 msec attack, 256 msec release, 100:1 ratio (recommended predictive peak stop @ 97 Volts or amp clipping)
HF/MF	53 Volts, 2 msec attack, 32 msec release, 100:1 ratio (recommended predictive peak stop @ 89 Volts or amp clipping)

See Application Note
"Setting System Limiters"

Gain

LF	-1dB
HF/MF	0dB

Assumes amplifiers have equal voltage gain