



Processor Settings
Model 115RT-PXO - 115RT-I-PXO
 (115RT-PXO Serial #5280006 and above)
 (115RT-I-PXO Serial #5300044 and above)

Crossover

	Frequency	Slope
w/o subwoofer - HPF	35Hz	24dB Oct. (4th order) Butterworth
w/subwoofer - HPF	80Hz	24dB Oct. (4th order) Butterworth

Equalization

Frequency	BW*	Q	Level
216Hz	.333	4.32	-4dB
420Hz	1	1.41	-4dB
2,118Hz	.33	4.3	-4.5B
7,127Hz	.33	4.3	-5dB

Equalization Settings were developed in an anechoic environment

Limiting

RMS Voltage

See Application Note "Setting System Limiters"

64 Volts, 16 msec attack, 256 msec release, 100:1 ratio (recommended predictive peak stop @ 126 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.)



Processor Settings
Model 115RT-PXO - 115RT-I-PXO
(115RT-PXO Serial #5280005 and below)
(115RT-I-PXO Serial #5300043 and below)

Crossover

	Frequency	Slope
w/o subwoofer - HPF	40Hz	24dB Oct. (4th order) Butterworth
w/subwoofer - HPF	80Hz	24dB Oct. (4th order) Butterworth

Equalization

Frequency	BW*	Q	Level
250Hz	1	1.4	-3dB
1,710Hz	.5	2.9	-5dB
3,360Hz	.25	5.8	+3dB
6,990Hz	.33	4.3	-2dB

Equalization Settings were developed in an anechoic environment

Limiting

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