

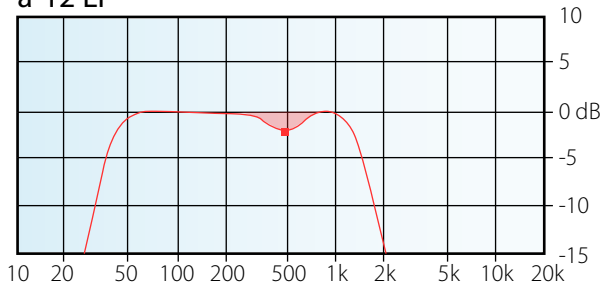
About Crossover / Processor Configurations

VUE Audiotechnik provides setting to work with most DSP processing systems.

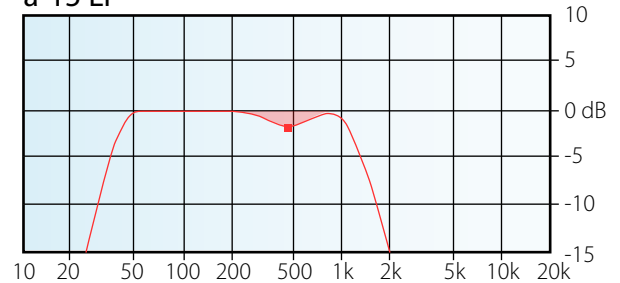
All DSP processors are not alike. Filter types and configuration vary from company to company and some times even from model to model. This is especially true of shelving filter where there are no standards. To ensure best performance we suggest you test the final acoustic response of the system and match the measured processor output to graphs in this document.

VUE System Model	a-12	a-15
Description	Single 12-in Two Way	Single 15-in Two Way
Low Frequency Output		
High Pass Filter	40 Hz 24 dB / Octave Butterworth	40 Hz 24 dB / Octave Butterworth
Low Pass Filter	1,370 Hz 24 dB / Octave Butterworth	1,230 Hz 24 dB / Octave Butterworth
Polarity	Normal	Normal
Gain	0 dB	0 dB
Delay	0.281 ms	0.094 ms
Parametric EQ 1	-2.0 dB at 482 Hz 0.35 Octave Width (Q=4.00)	-2.0 dB at 466 Hz 0.5 Octave Width (Q=2.87)
Parametric EQ 2	None	-2.0 dB at 1,320 Hz 0.2 Octave Width (Q=7.21)
High Frequency Output		
High Pass Filter	1,370 Hz 24 dB / Octave Linkwitz-Riley	1,320 Hz 24 dB / Octave Linkwitz-Riley
Low Pass Filter	None (>20,000 Hz+)	None (>20,000 Hz+)
Polarity	Normal	Normal
Gain	-7.2 dB	-2.5 dB
Delay	0 ms	0 ms
Low Shelf EQ	-5.6 dB at 5,270 Hz 12 dB / Octave Slope (Q=12)	-5.6 dB at 5,650 Hz 12 dB / Octave Slope (Q=12)

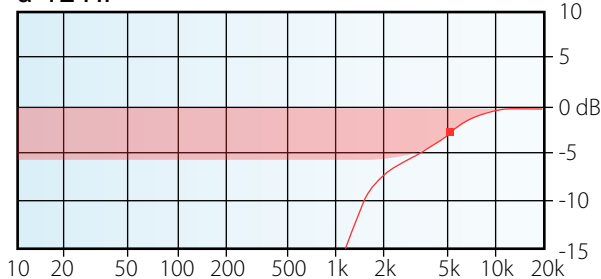
a-12 LF



a-15 LF



a-12 HF



a-15 HF

