

# SoundStructure Processing Specifications

	SoundStructure	
	C-Series	SR-Series
<b>Input Processing</b>		
Up to 8th order highpass and lowpass	✓	✓
1st or 2nd order high shelf and low shelf	✓	✓
10-band parametric equalization	✓	✓
Acoustic echo cancellation, 20-22kHz 200 msec tail-time, monaural or stereo	✓	
Automatic gain control: +15 to -15dB	✓	✓
Dynamics processing: gate, expander, compressor, limiter, peak limiter	✓	✓
Feedback Eliminator: 10 adaptive filters	✓	✓
Noise cancellation: 0-20dB noise reduction	✓	✓
Automixer: gain sharing or gated mixer	✓	✓
Signal fader gain: +20 to -100 dB	✓	✓
Signal delay to 1000 msec	✓	✓
<b>Output Processing</b>		
1st or 2nd order high shelf and low shelf filters	✓	✓
10-bands of parametric or 31-band graphic equalizer	✓	✓
Dynamics processing: gate, expander, compressor, limiter, peak limiter	✓	✓
Signal fader gain: +20 to -100 dB	✓	✓
Cross over equalization up to 8th order highpass and lowpass filters, 1st order horn equalization	✓	✓
Crossover delay: up to 100 msec	✓	✓
Signal delay: up to 1000 msec	✓	✓
<b>Submix Processing</b>		
Up to 8th order highpass and lowpass filters	✓	✓
1st or 2nd order high shelf and low shelf filters	✓	✓
10-bands of parametric equalization	✓	✓
Dynamics processing: gate, expander, compressor, limiter, peak limiter	✓	✓
Signal fader gain: +20 to -100 dB	✓	✓
Signal delay: up to 1000 msec	✓	✓
<b>Telco Processing</b>		
Line echo cancellation, 80-3300Hz, 32msec tail-time	✓	✓
Dynamics processing: gate, expander, compressor, limiter, peak limiter on telco transmit and receive	✓	✓
Up to 8th order highpass and lowpass filters	✓	✓
1st or 2nd order high shelf and low shelf filters	✓	✓
10-bands of parametric equalization on telco transmit and receive	✓	✓
Call progress detection	✓	✓
Signal fader gain: +20 to -100 dB	✓	✓
Automatic gain control: +15 to -15dB on telco receive	✓	✓
Signal delay on telco transmit and receive: up to 1000 msec	✓	✓
Noise cancellation: 0-20dB noise reduction on telco receive	✓	✓