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### A2001 Analogue Signal Processor specifications



Model:	A2001 Analogue Signal Processor:	
Frequency Response	Microphone input	80 Hz ~ 18 KHz
	Music input	50 Hz ~ 18 KHz
	Line input	50 Hz ~ 18 KHz
	Telco input	250 Hz ~ 4 KHz
Distortion	THD +N .005% at 1 KHz	
Dynamic Range	100dB typical	
Input Impedances	Microphone	>2K
	Music/Line	>10K
	Telco	600K normal
Noise Sources	Peak to average ratio: 8dB	
Crosstalk	Better than -80 dB @ 1KHz	
Maximum Power Consumption	25W	

Armstrong's Sound Processor provides i-ceilings Systems with a unique combination of music, public address and active acoustics (such as sound masking and room conditioning). The DSP-based software controlled processors control and enhance any i-ceilings Sound System's performance.

features:

- 8 Channel digital signal processor (DSP)
- Includes 8 zone mixer of combinations of music, paging and masking plus all-call paging
- Two uncorrelated masking noise generators, advanced 28 band 1/3 octave EQs and parametric EQs
- Set up, tuning and diagnostics via graphic user interface software (A2-D2 version 2.0)
- Expansion capability up to 100 zones



A2001 rear panel

