

DSS300 - *Symphony One*

DIGITAL STEREOCODER



SPECIFICATIONS

Left/Right Stereo Separation:	> 75dB, 80dB Typ.
Mono to Stereo Separation:	>80 dB, 90 dB Typ. [Audio IN= AES/EBU], >55 dB [Analog Audio] Audio
Distortion(20KHz Bandwith):	<0.0025% ,0.0012% Typ. [AES/EBU], <0.005% [Analog Inputs]
S/N:	(see graphic 1)
THD+N:	0,08% (see graphic 1)
Audio Pass Band Flatness:	<±0.025dB 30Hz ± 15 KHz (see graphic 2)
Preemphasys:	0, 50uS, 75uS
Preemphasys curve error:	<0.05 dB P.P.
Digital Audio Filters, 19KHz and above	Suppression: > 100 dB , 110dB Typ.
38KHz Suppression:	> 100 dB
INPUT LEVEL:	-6 to +6 dBV selectable typ. +12 dBV Max.
OUTPUT LEVEL:	1Vpp to 2Vpp.
Z IN:	600Ω/10K Balanced 600Ω/5K Unbalanced
Z OUT:	<10 Ω

Sampling: 93200 Hz
FFT Size: 32768
Averaging: 4
Window: Hanning

THD & THD+NOISE @ 1KHz
BANDWIDTH=20KHz

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Sampling: 48000 Hz
FFT Size: 32768
Averaging: 1
Window: Blackman

ses_inout_48KHz Sampling: SpectraPLUS - FFT Spectral Analysis System
0.1uS/DIV.

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