

ΣC8800

Digital Processor

DESCRIPTION

The ΣC8800 is a 1U integrated speaker management processor. This device is easily programmable to meet all installation applications.



FEATURES

- 32bit high performance floating point DSP and 24bit 192K sampling rate AD/DA chip for better dynamic processing and high-fidelity restore capability
- Gain 0.5dB/step
- Parametric EQ (5-band for input, 7-band for output)
- Maximum delay is 2.6s for each signal
- 8-way balanced analog signal input, 8-way balanced analog signal output.
- Crossover: Bessel/Butterworth 12/18/24/30/36dB per octave and Linkwitz-Riley 12/18/24dB per octave
- Peak limit
- Both input mute and output mute available
- Store maximum 50 set of customized programs
- USB/RS485 connectors for cascade of multiple processors

TECHNICAL SPECIFICATIONS

Input Connector	8-way phoenix
Output Connector	8-way phoenix
Input Impedance	>10k Ω
Maximum Output Levels	\geq 20dBu
A/D Sampling Rate	48Hz
Frequency Response	20Hz-20kHz (+0.5/-3dB)
THD + N	<0.006%
S/N Ratio (A weight)	110dB (A)
Power Supply	200V-240V/50-60Hz
Dimensions (W x D x H)	482mmx 228mm x 44mm
Net Weight	5.7kg
Net Weight (1 piece/pack)	6.5kg