β₃
Beta Three

ΣC4800
Digital Processor

DESCRIPTION

The ∑C4800 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
- Parametric EQ (5-band for input, 7-band for output)
- Maximum delay is 2.6s for each signal
- 4-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	4-way phoenix
Output Connector	8-way phoenix
Input Impedance	>10kΩ
Maximum Output Levels	≥20dBu
A/D Sampling Rate	48kHz
Frequency Response	20Hz-20kHz(+0.5/-3dB)
THD + N	<0.006%
S/N Ratio (A weight)	110dB
Power Supply	200V-240V/50-60Hz
Dimensions (W x D x H)	482mm x 228mm x 44mm
Net Weight	5.7kg
Gross Weight (1 piece/pack)	6.5kg