

# ΣC2600U

Digital Speaker Management Processor

## DESCRIPTION

The ΣC2600U is a 1U integrated speaker management processor. This device is easily programmable to meet all installation applications.



## FEATURES

- Integrated speaker management processor
- Three-way stereo or six-way mono crossover
- 32 bit floating point DSP and digital filter
- 2 x input XLRs + 6 x Output XLRs + 2 x RS485 XLR + USB + 1 x 6.35mm socket (BGM signal)
- Software programmable via PC (USB port)
- Provides input selection, gain control, delay, crossover, equalization and limiter functions
- DSP - 64kHz sample rate with 24bit AD/DA processing
- Front panel input and output LED indicators
- Store up to 20 presets



## TECHNICAL SPECIFICATIONS

Input Connector	2 x Balanced XLR, 1 x RS485, 1 x USB + 1 x 6.35mm
Output Connector	6 x Balanced XLR, 1 x RS485
Input Impedance	Balanced 10k $\Omega$
Maximum Output Levels	+20dBu
A/D Sampling Rate	64kHz, 24bit linear
Frequency Response ( $\pm 0.3$ dB)	20Hz-20kHz(+0.3/-0.3dB), 10Hz-30kHz(+0.3/-3.0dB)
THD + N	<0.006%
S/N Ratio (A weight)	110dB (A Weight)
Dynamic Range (A weight)	$\geq 107$ dB
Power Supply	AC 110V-120V~, 50/60Hz
Dimensions (W x D x H)	483mm (19") x 228mm (10") x 45mm (1.8")
Net Weight (1 piece/pack)	4.7kg (10.4lb)
Gross Weight (1 piece/pack)	6.3kg (13.9lb)