

Column Series

SC-30 | SC-60 | SC-90

Features

- 3-Dimensional Steerable Column Speakers
- Capable of being clustered horizontally and vertically to form larger arrays
- Can be mounted both vertically and horizontally
- Vertical and horizontal pattern coverage adaptable from 1° through to 120° to maximize sound quality by restricting sound to a listener area to avoid reflected sound
- High directivity to minimize environmental noise spill
- Pan and tilt adaptable from 0.1° to 60°
- Symmetrical, asymmetrical and complex custom 3-D wave fronts possible
- Capable of acoustic skew to throw higher sound pressure levels (SPL) over longer distance to improve SPL consistency in a space
- High SPL capacity
- Capable of producing 4 unique beams of sound in different directions, with differing acoustic shape
- Weatherproof options
- High bandwidth coherence from 800Hz-20kHz
- Highly musical performance with excellent speech clarity
- Ethernet network control and monitoring with feature rich DSP (EQ, dynamics, mixing)
- High acoustic redundancy for increased reliability
- On board amplification and processing
- Suitable for live musical performance, installations, rental, touring, transport terminals, speech, under-balcony fill and heritage listed buildings



Specifications

Model	SC-30	SC-60	SC-90
Operating Bandwidth +/-3dB	100Hz-20kHz	100Hz-20kHz	100Hz-20kHz
On Board Amplification	27x 100W, 3x 200W	54x 100W, 6x 200W	81x 100W, 9x 200W
HF Drivers (Limited to 30W)	27x 1" Soft Dome	54x 1" Soft Dome	81x 1" Soft Dome
LF Drivers	3x 5"	6x 5"	9x 5"
On Board DSP	30 Channels	60 Channels	90 Channels
User DSP	• HPF (up to 48dB/Oct) • LPF (up to 48dB/Oct) • 8 band EQ (High shelf, low shelf, parametric, notch) • Compression • Limiting • FIR (2048 taps) • Delay (up to 100m)		
Number of audio beams	4 beams of sound with individual configuration control		
Audio Inputs/Outputs	1x XLR3 AES (stereo) or 1x RJ45 Dante Digital input (optional) 1x XLR3 Line in 1x XLR3 Line Out		
Mains Power	powerCON TRUE1 110V-255V AC		
Mains Draw (Music clip)	200W 0.84A	350W, 1.46A	600W, 2.5A
Monitoring and Control	RJ45 Ethernet 10/100MB		
Vertical Control (1 element array)	1kHz and above	500Hz and above	350Hz and above
Horizontal Control (1 element array)	3kHz and above	3kHz and above	3kHz and above
SPL at 10m (1 element) Configuration Dependent	95dB	101dB	104dB
Construction	1/2" Birch plywood		
Weight	12kg	24kg	36kg
Dimensions (WxHxD mm)	140 x 430 x 340	140 x 860 x 340	140 x 1290 x 340
Hardware	8x M10 rigging points		