EDC ACOUSTICS

COLUMN SERIES

3-Dimensional Steerable Column Speakers

features

- 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 degree through to 150 degrees 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 down to 0.1 degree resolution, up to 50 degrees off axis, to allow for easy and visually pleasing installation

- 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 100Hz-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

STAGETEC SYSTEMS

EDC ACOUSTICS

specifications

Model	CS-30	CS-60	CS-90
Operating Bandwidth +/-3dB	100Hz-20kHz	100Hz-20kHz	100Hz-20kHz
On Board Amplification	27x 30W, 3x 200W	54x 30W, 6x 200W	81x 30W, 9x 200W
HF Drivers	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 (1791 taps) • Delay (up to 100m)		
Number of audio beams	4 beams of sound with individual configuration control		
Audio Inputs/Outputs	1x 3XLR AES (stereo) 1x 3XLR Line in 1x 3XLR Line Out		
Mains Power	230-255VAC on Powercon		
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	½" Expanded PVC		
Weight	12kg	24kg	36kg
Dimensions (WxHxD mm)	142 x 430 x 330	142 x 860 x 330	142 x 1290 x 330
Options	• Weatherized - SS/AL hardware, waterproof grill lining, with IP65 network and power connectors • Dante Enabled networked audio inputs • 60849 compliant version with transducer monitoring • 24VDC alternative power source		

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