

Sub Series

SS-1 | SS-3

Features

- 3-Dimensional Steerable Speakers
- Capable of being clustered horizontally and vertically to form larger arrays
- Compact size, with high power density
- 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, when used in larger array configurations (9 drivers required)
- High directivity to minimize environmental noise spill when used in large arrays
- Pan and tilt adaptable down to 0.1° resolution, up to 60° off axis, to allow for easy and visually pleasing installation, when used in larger array configurations
- Symmetrical, asymmetrical and complex custom 3-D wave fronts possible, when used in larger array configurations
- Capable of acoustic skew to throw higher sound pressure levels (SPL) over longer distance to improve SPL consistency in a space, when used in larger array configurations
- High SPL capacity
- Capable of producing 2 unique beams of sound in different directions, with differing acoustic shape
- Weatherproof options
- High bandwidth coherence from 30Hz-120Hz
- 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	SS-1	SS-3
Operating Bandwidth +/-3dB	25Hz-125Hz	25Hz-125Hz
On Board Amplification	1x 1,200W	3x 1,200W
LF Drivers	1x 12"	3x 12"
On Board DSP	1 Channel	3 Channels
User DSP	• 25Hz-125Hz • 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	2 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	110-120VAC or 220-250VAC on powerCON TRUE1	
Mains Draw (Music clip)	620VA	1,220VA
Monitoring and Control	RJ45 Ethernet 10/100MB	
Vertical Control (1 element array)	NA – only available in larger cluster arrays	
Horizontal Control (1 element array)	NA – only available in larger cluster arrays	
SPL at 10m (1 element) Configuration Dependent	125dB	134dB
Construction	1/2" Birch plywood	
Weight	25kg	55kg
Dimensions (WxHxD mm)	425 x 430 x 485	1275 x 430 x 485
Hardware	Pole Socket 16x M10 rigging points	
Options	• Weatherized - SS/AL hardware, waterproof grille lining, with IP65 network and power connectors • Dante or AES digital audio inputs • 60849 compliant version with transducer monitoring • 24V dc alternative power source	