

SUB SERIES

3-Dimensional Steerable Speakers

FEATURES

- 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 degree through to 150 degrees to maximize sound quality by restricting sound to a listener area to avoid reflected sound, when used in larger array configurations
- High directivity to minimize environmental noise spill when used in large arrays
- Pan and tilt adaptable down to 0.1 degree resolution, up to 60 degrees 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
<i>Operating Bandwidth +/-3dB</i>	25Hz-125Hz	25Hz-125Hz
<i>On Board Amplification</i>	1x 1,200W	3x 1,200W
<i>LF Drivers</i>	1x 12"	3x 12"
<i>On Board DSP</i>	1 Channel1	3 Channels
<i>User DSP</i>	• 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)	
<i>Number of audio beams</i>	2 beams of sound with individual configuration control	
<i>Audio Inputs/Outputs</i>	1x 3XLR AES (stereo) or 1x RJ45 Dante Digital input (optional) 1x 3XLR Line in 1x 3XLR Line Out	
<i>Mains Power</i>	110/240VAC on True1	
<i>Mains Draw (Music clip)</i>	620VA	1,220VA
<i>Monitoring and Control</i>	RJ45 Ethernet 10/100MB	
<i>Vertical Control (1 element array)</i>	NA – only available in larger cluster arrays	
<i>Horizontal Control (1 element array)</i>	NA – only available in larger cluster arrays	
<i>SPL at 10m (1 element) Configuration Dependent</i>	125dB	134dB
<i>Construction</i>	½" Birch plywood	
<i>Weight</i>	25kg	55kg
<i>Dimensions (WxHxD mm)</i>	425 x 430 x 485	1275 x 430 x 485
<i>Hardware</i>	Pole Socket 16x M10 rigging points	
<i>Options</i>	• Weatherized - SS/AL hardware, waterproof grill lining, with IP65 network and power connectors • Dante or AES ditigal audio inputs • 60849 compliant version with transducer monitoring • 24VDC alternative power source	