

SONODYNE®

LINE ARRAY SYSTEMS

SJX SERIES

SJX is a new range of passive line arrays. There are 3 models with dual 8", 10" and 12" LF drivers. The high power transducers have been selected keeping in mind a balanced tonality and exceptional dynamics.

The custom waveguide provides wide horizontal dispersion while allowing for large vertical coverage when multiple elements are aligned.

Upto 8 cabinet can be flown using the truss head for flying. All models are built with high grade plywood and finished with durable paint making them roadworthy. Using Sonodyne amplifiers, subwoofers and digital crossover you can design full systems that are powerful and great sounding for live and installation applications.

- 2-way compact line array with dual 8"/10"/12" LF
- High power-handling transducers equipped with large diameter voice coil
- Computer-designed waveguide ensures path-length-equalization of high frequencies
- Low distortion drivers support clear audio at long throw distances
- Durable 18mm plywood enclosure
- Wide and uniform horizontal coverage (100°) maintained under all system configurations
- Variable vertical splay angle arranged within an overall compact form-factor
- Highly efficient crossover network ensures linear frequency response at high output levels
- Custom flying and mounting solutions



SJX 1208

SJX 1210

SJX 1212

TYPE	Passive 2 way, 2 x 8", vented	Passive 2 way, 2 x 10", vented	Passive 2 way, 2 x 12", vented
TRANSDUCER COMPLEMENTS	LF: 2 x 8" with 2" VC, AES Power 300W x 2 HF: 1" with 1.75" VC, AES Power 50W	LF: 2 x 10" with 3" VC, AES Power 400W x 2 HF: 2 x 1" with 1.33" VC, AES Power 35W x 2	LF: 2 x 12" with 3" VC, AES Power 500W x 2 HF: 1.4" with 2.5" VC, AES Power 110W
NOMINAL IMPEDANCE	8Ω	8Ω	8Ω
FREQUENCY RANGE (-10dB)	55Hz ~ 20kHz	55Hz ~ 20kHz	50Hz ~ 20kHz
CROSSOVER FREQUENCY	2.0kHz	1.5kHz	1.4kHz
HF DIRECTIVITY	100° x 15°	100° x 15°	100° x 15°
SENSITIVITY (1W/1M)	98dB	99dB	102dB
MAX SPL: CONTINUOUS	124dB	130dB	134dB
PEAK	130dB	136dB	140dB
POWER HANDLING: CONTINUOUS	600W	800W	1000W
PROGRAM	800W	1600W	2000W
PEAK	1600W	3200W	4000W
CONNECTORS	1 x Twist-lock connector (input) 1 x Twist-lock connector (link)	1 x Twist-lock connector (input) 1 x Twist-lock connector (link)	1 x Twist-lock connector (input) 1 x Twist-lock connector (link)
FINISH	Durable paint	Durable paint	Durable paint
ENCLOSURE SHAPE	Trapezoidal	Trapezoidal	Trapezoidal
ENCLOSURE MATERIAL	18mm plywood	18mm plywood	18mm plywood
DIMENSIONS (HxWxD)	280mm x 630mm x 370mm	315mm x 800mm x 370mm	370mm x 975mm x 540mm
NET WEIGHT	26kg	27kg	30kg
MOUNTING	Standard bracket for flying, with vertical tilting arrangement	Standard bracket for flying, with vertical tilting arrangement	Standard bracket for flying, with vertical tilting arrangement