

»» **SI-X**
series

PROFESSIONAL SOUND SYSTEMS »»»

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series

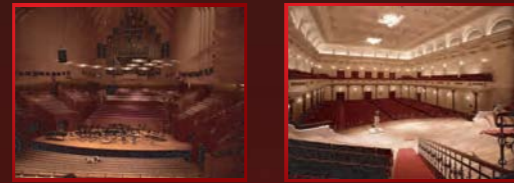


Wharfedale Professional, IAG House, Sovereign Court, Ermine Business Park, Huntingdon, Cambs, PE29 6XU, England
www.wharfedalepro.com

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The SI-X™ Series — Foreground/Background Music And Sound Reinforcement Speakers

The SI-X Series is a versatile fixed installation loudspeaker system designed for surface mount or flown applications. The angled low profile enclosures are designed to provide high SPL in an unobtrusive package.

Consistent voicing across the range ensures seamless coverage when using a variety of different models in distributed sound applications. All SI-X Series models feature a 1" exit compression driver on a 70°x 70° conical waveguide providing open and detailed high frequency extension with even and predictable dispersion.

Because of their multi-faceted design the SI-X speakers can be positioned next to a stage, wall or ceiling. This versatility suits the SI-X Series to a diverse range of applications such as live performance halls, houses of worship, schools, shops, restaurants, bars and public houses.

The SI-X Series includes full range enclosures with woofer sizes ranging from 10" to 15", a dual 8" woofer model is also available. The full range enclosures are complimented by 3 subwoofers for extended low frequency response and increased SPL. Available in black or white painted finishes all models feature multiple M8 rigging points to suit the widest range of flown applications. Brackets are included as standard.

Features

- 2-way bass reflex systems
- Folded horn and direct radiating subwoofers
- 1" (25.4mm) exit titanium compression drivers
- Low distortion, high power woofers
- 70°x 70° conical waveguide
- Durable multifaceted 40°x 50° MDF enclosures
- 20x M8 rigging points
- Speakon™ NL4 & barrier strip inputs
- U shaped steel mounting bracket included



Designed To Fulfil The Demands Of Installations Where The Size And Sound Quality Of A Loudspeaker Are Paramount. The SI-X Series Offers A Variety Of Full Range And Subwoofer Options To Suit The Widest Range Of Applications.



MODEL	SI-10X	SI-12X	SI-15X	SI-28X
Loudspeaker Type:	10" 2-way	12" 2-way	15" 2-way	2 x 8" quasi 3-way
Frequency Response (+/-3dB):	60Hz - 20kHz	60Hz - 20kHz	50Hz - 20kHz	60Hz - 20kHz
Sensitivity (1W@1M):	93 dB	96dB	97dB	91dB
Peak SPL:	121dB	126dB	129dB	121dB
HF Coverage (H x V):	70° x 70°	70° x 70°	70° x 70°	70° x 70°
System Impedance:	8 ohm	8 ohm	8 ohm	4 ohm
POWER (WATTS)				
Continuous:	200W	250W	400W	250W
Music:	400W	500W	800W	500W
Peak:	800W	1000W	1600W	1000W
LF DRIVER				
Size:	254mm/10"	304.8mm/12"	381mm/ 15"	203.2mm/ 8"
Coil Size:	38.9mm/ 1.5"	64.3mm/ 2.5"	77.1mm/ 3.0"	51.6mm/ 2.0"
HF DRIVER/ HORN				
Driver Type:	Compression Driver	Compression Driver	Compression Driver	Compression Driver
Coil Size:	44mm/1.75"	44mm/1.75"	44mm/1.75"	44mm/1.75"
Exit Size:	25mm/1"	25mm/1"	25mm/1"	25mm/1"
Diaphragm Material:	Titanium	Titanium	Titanium	Titanium
HF Driver Protection:	Bulb	Bulb	Bulb	Bulb
Horn Type:	Round	Round	Round	Round
Throat Size:	25mm/1"	25mm/1"	25mm/1"	25mm/1"
CROSSOVER				
Frequency	2.5KHz	2.4KHz	2.5KHz	2.6KHz
ENCLOSURE				
Shape/ Material:	40°/50° monitor/ MDF	40°/50° monitor/ MDF	40°/50° monitor/ MDF	40°/50° monitor/ MDF
Rigging:	(20) M8 rigging points + wall-mount bracket	(20) M8 rigging points + wall-mount bracket	(20) M8 rigging points + wall-mount bracket	(20) M8 rigging points + wall-mount bracket
INPUT PANEL				
Input Connectors:	2 x NL4 /Barrier Strip	2 x NL4 /Barrier Strip	2 x NL4 /Barrier Strip	2 x NL4 /Barrier Strip
Dimensions (H x W x D)				
mm:	512mm x 294mm x 310mm	562mm x 344mm x 333mm	640mm x 422mm x 396mm	675mm x 250mm x 300mm
inch:	20.2" x 11.6" x 12.2"	22.1" x 13.5" x 13.1"	25.2" x 16.6" x 15.6"	26.6" x 9.8" x 11.8"
Net Weight:	13.6kg / 29.9lbs	16.7kg / 36.7lbs	22kg / 48.4lbs	17.8kg / 39.2lbs
Gross Weight:	17kg / 37.4lbs	20kg / 44lbs	25kg / 55lbs	21kg / 46.24lbs

MODEL	SI-12BX	SI-15BX	SI-18BX
Loudspeaker Type:	12" horn loaded subwoofer	15" horn loaded subwoofer	18" Subwoofer
Frequency Response (+/-3dB):	40 - 250Hz	38 - 220Hz	35 - 200Hz
Sensitivity (1W@1M):	101dB	105dB	103dB
Peak SPL:	132dB	138dB	134dB
System Impedance:	4 ohm	4 ohm	4 ohm
POWER (WATTS)			
Continuous:	300W	450W	800W
Music:	600W	900W	1600W
Peak:	1200W	1800W	3200W
LF DRIVER			
Size:	304.8mm/12"	381mm/ 15"	457mm/ 18"
Coil Size:	102mm / 4.0"	102mm / 4.0"	102mm / 4.0"
ENCLOSURE			
Shape/ Material:	Rectangle/ MDF	Rectangle/ MDF	Cube/ MDF
INPUT PANEL			
Input Connectors:	2 x NL4 /Barrier Strip	2 x NL4 /Barrier Strip	2 x NL4 /Barrier Strip
Dimensions (H x W x D)			
mm:	302mm x 650mm x 545mm	266mm x 850mm x 670mm	620mm x 537mm x 508mm
inch:	11.9" x 25.6" x 21.5"	10.5" x 33.5" x 26.4"	24.4" x 21.1" x 20.0"
Net Weight:	37.7kg / 82.9lbs	44.6kg / 98.1lbs	35.5kg / 78.1lbs
Gross Weight:	44kg / 96.8lbs	53kg / 116.6lbs	44kg / 96.8lbs