

i-8 SUBWOOFER



The i-8 is the smallest subwoofer manufactured by EM Acoustics, and represents a unique approach to low frequency reproduction in a small footprint enclosure.

The i-8 was designed to provide a compact low frequency solution for a variety of applications. The unique design provides unprecedented sonic depth from an enclosure of this size. At home either as low frequency extension in cafes and bars or as an extra sonic effect in theatres and museums, the added low frequency that the i-8 can produce makes it suitable for many situations.

The enclosure contains four high power 8" (203mm) drive units, loaded as two compound isobaric pairs. This design gives a useable response down to 35Hz, without any artificial equalisation. The i-8 can therefore add 'depth and warmth' to any system, even where larger subwoofers would normally have been used.

The rugged enclosure is constructed from CNC-machined Finnish multi-laminate Birch plywood, rebated, screwed & glued together for maximum strength. The enclosure is finished in black semi-matt textured paint, however other colours are available on request. Two perforated steel mesh grilles covered with acoustically transparent black foam protect the drive units from damage and moisture. For service purposes, the rear pair of drive units can be accessed via a removable door on the rear panel of the enclosure.

TECHNICAL SPECIFICATIONS

ENCLOSURE TYPE:	compound isobaric subwoofer	Notes on measurement conditions: ¹ Measured on-axis ² Average SPL over stated bandwidth with 1W input, measured at 1m ³ Nominal dispersion, averaged over stated bandwidth
DIMENSIONS (HxWxD):	308 (12.1) x 530 (20.9) x 450 (17.7) mm/(ins)	
NET/SHIPPING WEIGHT:	28/30kg	
FREQUENCY RESPONSE ¹ :	35Hz – 150Hz +/- 3dB	
SENSITIVITY ² :	93dB	
DISPERSION ³ :	Omnidirectional	
DRIVE UNITS:	4 x 8" (203mm) LF cone drive units	
POWER HANDLING:	600W RMS, 1200W program	
MAXIMUM SPL:	122dB continuous, 128dB peak	
NOMINAL IMPEDANCE:	4 ohms	
CROSSOVER:	Active, recommended below 125Hz (24dB/Octave L-R)	
CONNECTORS:	2 x Neutrik Speakon™ NL4MP	
ENCLOSURE:	15mm (5/8") multi-laminate Birch plywood – rebated, screwed & glued. Finished in black Warnex textured paint	
RIGGING/SUSPENSION:	16 x M10 internal flypoints, 2 x M8 internal flypoints	

GRILLE: Acoustically transparent black foam on polyester coated perforated steel mesh

OPTIONS: Colours
Connectors

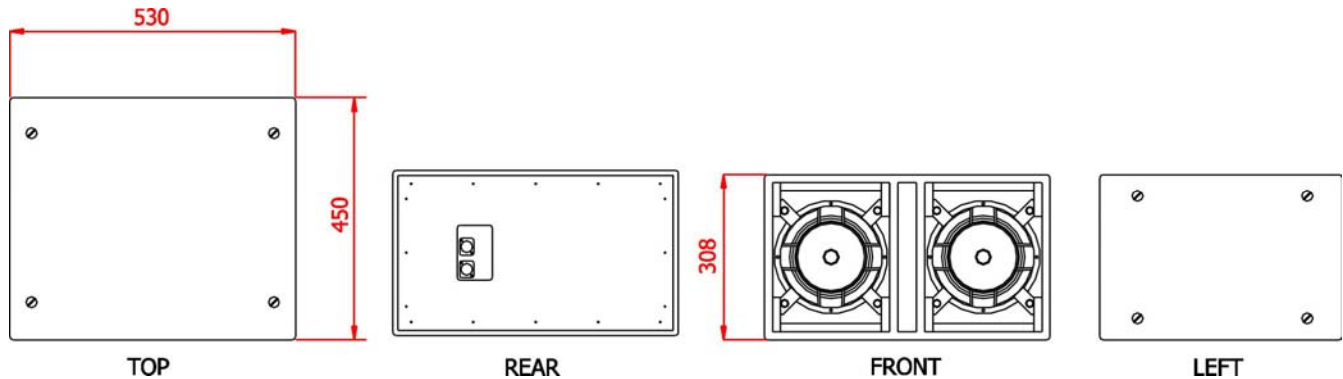
EM Acoustics operates a continuous policy of research and development, and as such reserves the right to alter specifications without notice

TECHNICAL DATA SHEET



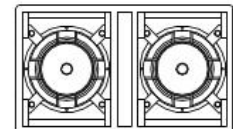
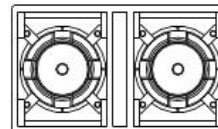
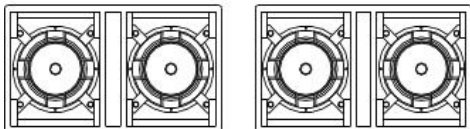
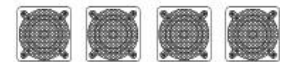
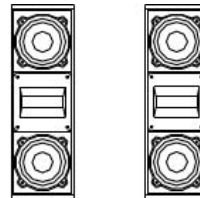
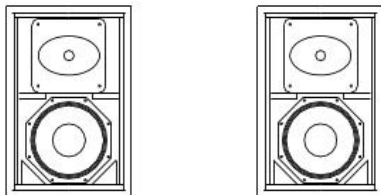
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ENGINEERING DRAWING



SYSTEM CONFIGURATION OPTIONS

The following shows possible system uses of the i-8



2 x EMS-81
2 x i-8
SMALL FOH SYSTEM

2 x i-2
1 x i-8
TRUE FULLRANGE STEREO SYSTEM

4 x i-1
1 x i-8
DISTRIBUTED SOUND SYSTEM

ENCLOSURE OPTIONS

Colours

Supplied as standard in black, however white & grey are available as options. By special order, any colour can be provided if the relevant RAL or Pantone colour code or a colour sample is provided.

Connectors

Neutrik Speakon™ NL4MP connectors supplied as standard. i-8 can be supplied with XLR connectors, or non-standard connectors by special order.