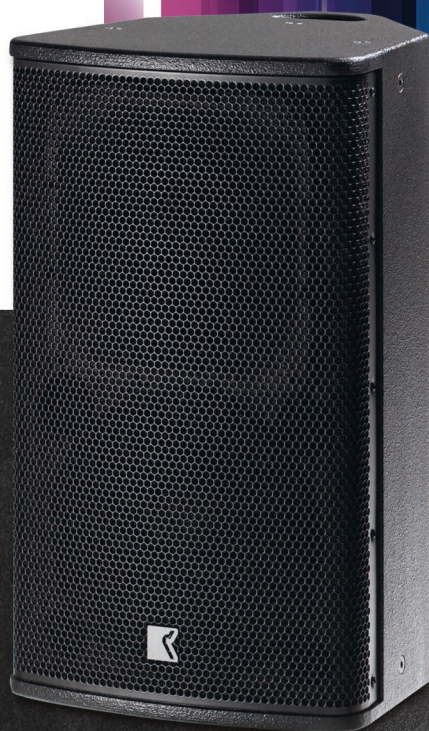


Outline

ΣIDOS **SERIES**

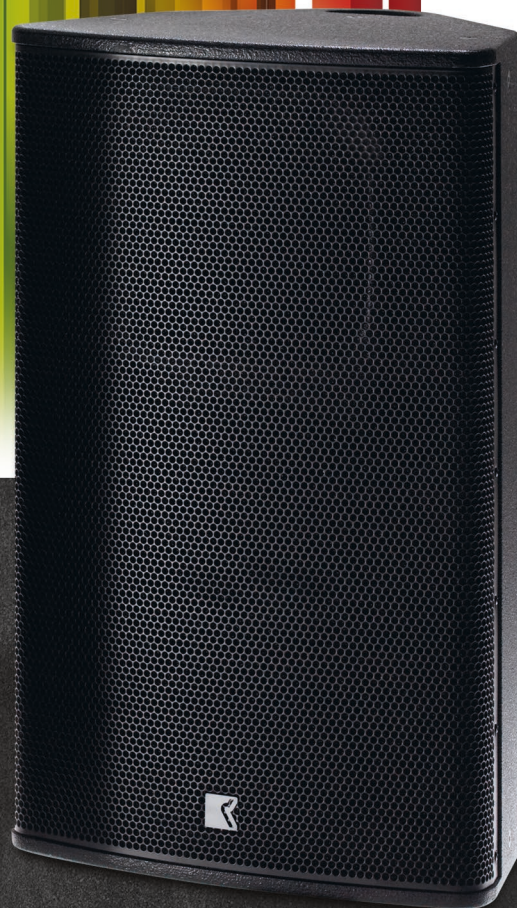
EIDOS



EIDOS 10



EIDOS 12



EIDOS 15

AN INTRODUCTION TO THE OUTLINE EIDOS RANGE

The **EIDOS** range from Outline is a concise suite of contemporary loudspeaker designs, engineered specifically to meet the diverse requirements of permanent installation applications utilising premium quality components.

These products are designed and manufactured to the same stringent quality standards we apply to our touring audio products, but tailored to permanent installation by omitting the cabinet hardware necessary for mobile applications. This approach allows Outline to deliver a range of products with first-class power handling and audio fidelity at a very attractive price point.

The **EIDOS** full-range two-way enclosures are available with a choice of 10", 12" and 15" low frequency drivers, and all three models are fitted with a 1" compression driver mounted on a rotatable horn assembly. This, in conjunction with the multi-faceted cabinet design, also allows them to be used as floor monitors if required,

or suspended either horizontally or vertically using the integral M8 rigging points whilst maintaining the requisite HF dispersion.

All three cabinets are equipped with high quality internal crossover networks thus obviating the need for external controllers, and giving a per-box impedance of 8 ohms which makes them very efficient in terms of required amplifier channels. The internal crossover networks are manufactured with top grade components, including coils with very low resistance and metallicised polypropylene capacitors, and also feature ingenious circuitry which protects the drivers against excessive current and voltage. All models are capable of delivering high levels of undistorted audio, with even the smallest (the EIDOS 10) producing a peak of 130 dB SPL at 1 metre. A suite of custom DSP settings are available from our download area (www.outline.it), the application of which via appropriate external control devices will provide optimum performance. We recommend our own iP24 DSP units and T-Series amplifier modules for best results.



EIDOS 215S

EIDOS 118S

EIDOS 108S

All Outline **EIDOS** enclosures are available in an almost limitless range of colours to suit any décor (at modest extra cost) and comprehensive range of mounting hardware is available.

The **EIDOS 10**, **12** and **15** models are complemented by a trio of dedicated subwoofer units, the **EIDOS 215S**, **118S** and **108S**. These are compact, high-powered devices which are perfectly matched to both the audio performance and visual appeal of the full-range enclosures.

The **EIDOS 215S** is a bass-reflex design cabinet equipped with a pair of long-excursion 15" drivers fitted with demodulating rings.

The **EIDOS 118S** is a compact bandpass design containing a single 18" long-excursion transducer also equipped with a demodulating ring.

The **EIDOS 108S** has been designed specifically to provide

unobtrusive low-frequency reinforcement in locations where space is at a premium, its compact size allowing it to be placed under seating or conveniently concealed within the structure and decor of a room.

Utilising a dual-port bandpass design **EIDOS 108S** comfortably handles frequencies down to 36 Hz with a peak SPL of 126 dB from just a single 8" drive unit, making it ideal for providing localised low-frequency reinforcement for a distributed system.

All three **EIDOS** subwoofers are also fitted with numerous M8 rigging points allowing them to be suspended if the project requires.

All **EIDOS** enclosures are finished in scratch-resistant black paint which protects the 15mm phenolic-glued birch ply enclosure. The front of the cabinets is protected by a resonance-free steel grille over acoustically-transparent foam.



APPLICATIONS

The Outline **EIDOS** offers an extremely flexible solution to contractors and installers because it has the power handling and dynamic capacity to comfortably handle live performance as well as program material.

This makes it perfect for multi-purpose venues which (for example) might use their system for recorded background material during the day and for live music in the evening. Its uncoloured and natural response makes it ideal for almost all fixed audio applications, including clubs, bars, pubs, theatre, places of worship, conference venues, shopping centres, railway stations and airports, in fact any location which requires quality full-range sound reproduction in an unobtrusive and cost-effective package.

The flexibility and common-voicing of the **EIDOS** range makes it a very attractive 'toolbox' for contractors and installer/specifiers.

For example, a dance club might benefit from the low frequency extension and SPL achieved by combining 118S and EIDOS 15 enclosures, whereas a church installation could enjoy the precise dispersion and spoken-word intelligibility of some strategically-placed EIDOS 10s.



		EIDOS 10	EIDOS 12	EIDOS 15
FREQUENCY RESPONSE	-10 dB	60 Hz ÷ 20 kHz	55 Hz ÷ 20 kHz	53 Hz ÷ 20 kHz
	± 3 dB	100 Hz ÷ 20 kHz	90 Hz ÷ 20 kHz	80 Hz ÷ 20 kHz
DISPERSION	500 Hz ÷ 10 kHz	108° x 90° (H x V)	98° x 87° (H x V)	84° x 76° (H x V)
	> 5 kHz	74° x 64° (H x V)	72° x 64° (H x V)	76° x 74° (H x V)
	500 Hz ÷ 4 kHz	122° x 103° (H x V)	106° x 98° (H x V)	83° x 86° (H x V)
IMPEDANCE	Nom (min)	8 Ω (6.2 Ω @ 274 Hz)	8 Ω (7 Ω @ 165 Hz)	8 Ω (7.3 Ω @ 54 Hz)
SENSITIVITY (dB SPL @ 1m, 1W, free-field)		96 dB SPL	96 dB SPL	96 dB SPL
POWER - W AES	AES	250 W	300 W	400 W
	Peak	1000 W	1200 W	1600 W
MAX SHORT-TERM SPL @ 1 m, free-field *		130 dB SPL	131 dB SPL	132 dB SPL
TRANSDUCERS & LOADING	LF	1 x 10" high-pass loaded woofer	1 x 12" high-pass loaded woofer	1 x 15" high-pass loaded woofer
	HF	1 x 1" throat, horn loaded, compression driver	1 x 1" throat, horn loaded, compression driver	1 x 1" throat, horn loaded, compression driver
CONNECTORS		2 x NL4	2 x NL4	2 x NL4
	LF/HF	pin 1+ (pos); pin 1- (neg)	pin 1+ (pos); pin 1- (neg)	pin 1+ (pos); pin 1- (neg)

WEIGHT		15.5 kg (34.2 lb)	17.7 kg (39.0 lb)	25.8 kg (56.9 lb)
DIMENSIONS	H	590 mm (23.2")	670 mm (26.4")	750 mm (29.5")
	W	350 mm (13.8")	396 mm (15.6")	450 mm (17.7")
	D	334 mm (13.1")	341 mm (13.4")	390 mm (15.4")
SHIPPING WEIGHT		18.5 kg (40.8 lb)	20.5 kg (45.2 lb)	28.9 kg (63.7 lb)
SHIPPING DIMENSIONS	H	630 mm (24.8")	710 mm (28.0")	790 mm (31.1")
	W	450 mm (17.7")	500 mm (19.7")	550 mm (21.7")
	D	440 mm (17.3")	440 mm (17.3")	490 mm (19.3")

		EIDOS 215 S	EIDOS 118 S	EIDOS 108 S
FREQUENCY RESPONSE	-10 dB	32 Hz ÷ 2.4 kHz	32 Hz ÷ 240 Hz	36 Hz ÷ 160 Hz
	± 3 dB	42 Hz ÷ 2 kHz	38 Hz ÷ 160 Hz	40 Hz ÷ 130 Hz
SUGGESTED CROSSOVER		max 150 Hz	max 120 Hz	max 100 Hz
DISPERSION		Quasi-Omnidirectional	Quasi-Omnidirectional	Quasi-Omnidirectional
IMPEDANCE	Nom (min)	4 Ω (3 Ω @ 41 Hz)	4 Ω (4.5 Ω @ 37 Hz)	4 Ω (4.0 Ω @ 180 Hz)
SENSITIVITY (dB SPL @ 1m, 1W, half-space)		103 dB SPL	101 dB SPL	96 dB SPL
POWER - W AES	Cont.	1200 W	1000 W	200 W
	Peak	4800 W	4000 W	800 W
MAX SHORT-TERM SPL @ 1 m, half-space *		144 dB SPL	141 dB SPL	129 dB SPL
TRANSDUCERS & LOADING	LF	2 x 15" direct radiation woofers	1 x 18" woofer, dual port band pass system	1 x 8" woofer, dual port band pass system
CONNECTORS		1 x NL4	1 x NL4	1 X NL4, 1 x red and black push button terminals
	LF	pin 1+ (pos); pin 1- (neg)	pin 1+ (pos); pin 1- (neg)	pin 1+ (pos); pin 1- (neg)

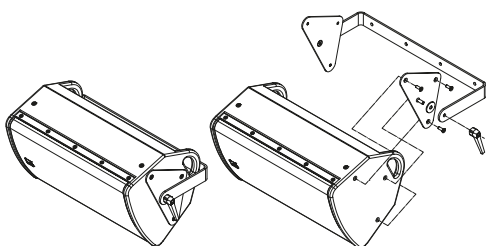
WEIGHT		54.4 kg (119.9 lb)	51.5 kg (113.5 lb)	20.5 kg (45.2 lb)
DIMENSIONS	H	450 mm (17.7")	396 mm (15.6")	250 mm (9.84")
	W	940 mm (37.0")	840 mm (33.0")	550 mm (21.65")
	D	680 mm (26.8")	770 mm (30.3")	500 mm (19.69")
SHIPPING WEIGHT		57.0 kg (125.7 lb)	56.0 kg (123.5 lb)	45.0 kg (99.2 lb)
SHIPPING DIMENSIONS	H	460 mm (18.1")	41 mm (16.1")	595 mm (23.43")**
	W	950 mm (37.4")	85 mm (33.5")	595 mm (23.43")**
	D	710 mm (28.0")	780 mm (30.7")	595 mm (23.43")**

* calculated using +10 dB crest-factor signal
 ** 2-unit package

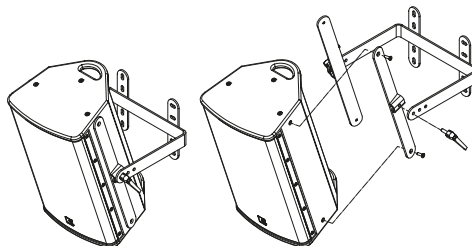
FEATURES

- Natural, uncoloured audio performance
- Predictable and accurate HF directivity control
- High SPL capability relative to size and weight of cabinet
- Two-way format (8 Ohms nominal) with built-in passive crossover
- Internal crossover network features top grade components
- Very efficient in terms of amplifier channels required
- Rotatable waveguide (90° x 60°) – on EIDOS 10, 12 and 15
- Multi-alignment horn assembly and cabinet design allows use as stage monitor
- Choice of three full-range models in varying sizes provide design flexibility
- Contemporary and original Outline design
- Cabinet internally braced to ensure maximum rigidity and prevent coloration due to internal resonance
- All EIDOS cabinets fitted with multiple M8 rigging points as standard
- Available in a limitless range of colours to suit any décor
- Comprehensive choice of mounting hardware available to suit all applications
- Conceived, designed and manufactured exclusively in ITALY (as are all Outline products)
- Design file for Outline 'Openarray' 3D acoustic simulation software available for all EIDOS products

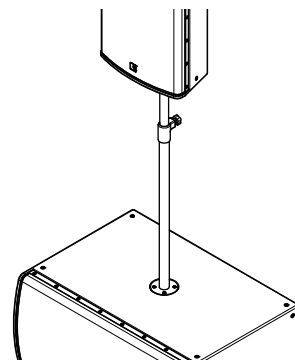
HARDWARE & ACCESSORIES



A ADJBH-E10 / E12 / E15
Horizontal bracket for Eidos Series



A ADJBH-V10 / V12 / V15
Vertical bracket for Eidos Series



A STAND-M20
Adjustable stand for Eidos Series