

EIDOS 10-12-15

FEATURES

- Original and refined design
- High-end reproduction, exceptional size-to-power ratio
- Remarkable directivity control
- High SPL (126, 127, 128 dB peak at 1 metre)
- Two-way format (8 Ohms) with built-in passive crossover for easy control at a reasonable cost, using just one amplifier channel (Outline's DPA Series with built-in DSP is suggested)
- Rotatable waveguide (90° x 60°)
- Passive crossover manufactured with top grade components
- Can be used as a stage monitor (horizontal)
- Cabinet internally braced to ensure maximum solidity and prevent coloration due to resonance
- Flying points (M8 thread)
- Very low weight
- Impeccable finish



APPLICATIONS

Multi-use enclosures, particularly suitable for permanent high quality installations in clubs, lounge bars, pubs, music-café, theatres, conference rooms, stores, shopping centres, malls etc.; ideal for use along with **EIDOS 215 S** and **118 S** subwoofers for further extension of the bottom end and therefore greater dynamics.

Multi-function full-range enclosures, suitable for high quality mobile applications.

DESCRIPTION

Conceived and manufactured to provide clients an initial approach to the world of Outline products, the **EIDOS** series is the result of the desire to offer an even wider public the quality and distinctive lines that have made the Brescia brand a reference point in the sound reinforcement world at international level.

The ideal field of application of the units is in the wide variety of so-called permanent installations (clubs, lounge bars, pubs, music-café, theatres, conference rooms, stores, shopping centres and malls,...).

EIDOS 10, **EIDOS 12** and **EIDOS 15** are two-way full-range units equipped respectively with a 10", 12" and 15" loudspeakers and fitted with passive crossovers manufactured with top grade components (coils with very low resistance and metallized polypropylene capacitors). With these tuned enclosures, the low frequency loading is of the phase inversion type.

The (44mm diaphragm) compression driver and waveguide are the same on all three. The latter (90° x 60°) offers a great advantage for installation in small rooms or those with low headroom, as it can be rotated through 90° to ensure the required dispersion no matter what position the cabinet is installed in (horizontal or vertical). The mouth's ample dimensions ensure remarkable directivity control. The lines of the cabinets enable them to be also used as stage monitors.

The quality of the transducers gives excellent sonic performance when compared with the price bracket, in terms of overall timbre quality and as far as the ability to handle high power is concerned.

The cutting edge technology adopted by Outline in the molding sector has enabled the company to manufacture horns that are rigid and lighter, with obvious benefits in terms of distortion and lower weight.



INSTALLATION SERIES



Fully respecting the high quality standards to which Outline users are accustomed, the cabinets of the **EIDOS** series are built in 15mm (phenolic-glued) birch plywood and include bracing to dampen internal resonance.

The outer finish is in scratch-resistant, waterproof black paint and the front of the cabinet is protected by an anti-resonant steel grille covered with sound-transparent foam.

There is no lack of M8 thread flying points, enabling the enclosures to be easily fitted with flying hardware.



		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)
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 SPL @ 1m, free-field (calculated)	RMS	120 dB SPL	121 dB SPL	122 dB SPL
	Peak	126 dB SPL	127 dB SPL	128 dB SPL
	TRANSDUCERS & LOADING	LF	1 x 10" high-pass loaded woofer	1 x 12" 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		15.0 kg (33.1 lb)	17.2 kg (37.9 lb)	22.1 kg (48.7 lb)
DIMENSIONS	H	59.0 cm (23.2")	67.0 cm (26.4")	75.0 cm (29.5")
	W	35.0 cm (13.8")	39.6 cm (15.6")	45.0 cm (17.7")
	D	33.4 cm (13.1")	34.1 cm (13.4")	39.0 cm (15.4")
SHIPPING WEIGHT		18.0 kg (39.7 lb)	20.0 kg (44.1 lb)	25.0 kg (55.1 lb)
SHIPPING DIMENSIONS	H	63.0 cm (24.8")	71.0 cm (28.0")	79.0 cm (31.1")
	W	45.0 cm (17.7")	50.0 cm (19.7")	55.0 cm (21.7")
	D	44.0 cm (17.3")	44.0 cm (17.3")	49.0 cm (19.3")

INSTALLATION SERIES

EIDOS 215 S & 118 S SUBWOOFERS

FEATURES

- High efficiency high-power subs with two 15" woofers (Eidos 215 S) and one 18" woofer (Eidos 118 S)
- Exceptional size-to-power ratio (134 and 135 dB SPL peak @ 1 m)
- Deep, very clean low frequencies
- Long-excursion woofers fitted with demodulating rings in order to handle (peak) power values that exceed the loudspeakers' (electrical) power capacity
- Cabinet internally braced to ensure maximum solidity and prevent coloration due to resonance.
- Extremely compact cabinets (can be easily tucked away below the stage)
- Flying points (M8 thread)
- Very low weight



APPLICATIONS

High-quality permanent installations in theatres, clubs, indoor sports arenas; an ideal combination for all Outline 'point source' systems (especially the EIDOS full-range series).

Multi-purpose subwoofers, suitable for high quality mobile applications.

DESCRIPTION

EIDOS 215 S and **EIDOS 118 S** are suited to high SPL reinforcement of low frequencies. They're respectively a bass-reflex and a band-pass system, equipped with twin 38 cm (15") and one single 46 cm (18") loudspeakers. In order to handle (peak) power values that exceed the loudspeakers' (electrical) power capacity, **EIDOS 215 S** and **118 S** subwoofers use long-excursion woofers fitted with demodulating rings.

Their useable band is therefore set towards the bottom end of the audio spectrum, as should be the case with subwoofers, and is sufficiently wide to reproduce all types of music. Performance is very high considering the components used, thanks to the careful choice of the reflex alignment and the enclosures' architecture.

The cabinets are built in sturdy phenolic glued 15mm Baltic birch plywood that is resistant to damp, even in outdoor applications. Inside, as well as the bracing, which stiffens the panels and avoids vibration, the long tuning ports also double as additional reinforcement.

The attractive look (they can be easily tucked away below the stage) fits perfectly into any type of surroundings or décor and the external finish is in high quality scratch-resistant black paint. A recessed handle in each side panel facilitate handling. The front of the cabinet is protected by an anti-resonant steel grille covered with sound-transparent foam. There is no lack of M8 flying points, enabling **EIDOS** subwoofers to be easily fitted with flying hardware.



INSTALLATION SERIES

		EIDOS 215 S	EIDOS 118 S
FREQUENCY RESPONSE	-10 dB	32 Hz - 2.4 kHz	30 Hz - 280 Hz
	± 3 dB	42 Hz - 2 kHz	38 Hz - 160 Hz
SUGGESTED CROSSOVER		max 150 Hz	max 120 Hz
DISPERSION		Quasi-Omnidirectional	Quasi-Omnidirectional
IMPEDANCE	Nom (min)	4 Ω (3 Ω @ 41 Hz)	8 Ω (5.7 Ω @ 36 Hz)
SENSITIVITY (dB SPL @ 1m, 1W, free-field)		98 dB SPL	97 dB SPL
POWER - W AES	AES	1200 W	1200 W
	Peak	4800 W	4800 W
MAX SPL @ 1m, free-field (calculated)	RMS	129 dB SPL	128 dB SPL
	Peak	135 dB SPL	134 dB SPL
TRANSDUCERS & LOADING	LF	2 x 15" high-pass loaded woofers	1 x 18", Band-pass
CONNECTORS		1 x NL4	1 x NL4
	LF	pin 1+ (pos); pin 1- (neg)	pin 1+ (pos); pin 1- (neg)

WEIGHT		47.5 kg (104.7 lb)	44.5 kg (98 lb)
DIMENSIONS	H	45.0 cm (17.7")	39.6 cm (15.6")
	W	94.0 cm (37.0")	84.0 cm (33.0")
	D	68.0 cm (26.8")	77.0 cm (30.3")

SHIPPING WEIGHT		50.0 kg (110.2 lb)	49.0 kg (108 lb)
SHIPPING DIMENSIONS	H	46.0 cm (18.1")	41 cm (16.1")
	W	95.0 cm (37.4")	85 cm (33.5")
	D	71.0 cm (28.0")	78.0 cm (30.7")

INSTALLATION SERIES