

FLYSUB 15

FEATURES

- Part of the EIDOS 265 LA turnkey solution for mid-sized shows and installation
- Small footprint - low visual impact
- Single 15" double-spider woofer
- Trapezoidal design
- Integrated ultra-light flying hardware
- Low-frequency reinforcement to EIDOS 265 LA array
- Available in RAL specified colours to suit any decor

APPLICATIONS

Low frequency reinforcement as part of the EIDOS 265 LA turnkey solution. Front of House reinforcement system for medium-sized touring and installed applications - theatres, houses of worship, live clubs. Excellent and cost-effective solution, together with EIDOS 265 LA, for voice amplification, live music reproduction and program material.

DESCRIPTION

FLYSUB 15 is a passive subwoofer specifically designed to reinforce the low-frequency response in an EIDOS 265 LA array. It features a single 15" woofer (76 mm voice coil and double spider), customized to produce very low distortion figures

at both low and high output levels. This transducer design is the result of an all-around project approach and continuous cooperation of Outline with the loudspeaker manufacturers. The transducer is loaded in a bass-reflex enclosure and is mounted on an oblique baffle: this gives the loudspeaker a secondary loading which improves the overall tonal balance, making the FLYSUB 15 the right solution to extend the frequency response of a two-way MF/HF array. The accurate placement of the reflex ports, on the same baffle, eliminates air turbulence noise, allowing a superior sound fidelity, even at higher SPLs.

The FLYSUB 15 is able to handle up to 500 W AES and 2000 W peak at 8 Ω. The suggested amplifier is the Outline T5-DSP. Up to two FLYSUB 15 can be connected to the same output channel. Each enclosure has two NL4 connector wired in parallel.

The integrated suspension hardware is a combination of top quality material and treatment in order to ensure extremely high resistance to stress, corrosion and abrasion - resulting in a simple, effective, and light weight rigging system. The angle between the enclosures is selectable from 0° to 8° with a 1° steps and up to six FLYSUB 15 can be flown in the same array. It is possible to create arrays of EIDOS 265 LA and FLYSUB 15, keeping the total array weight under the stated limits.

The cabinet is built from high-quality birch plywood and strengthened by the internal structure and thus is free from harmful colouring due to internal resonances. A sturdy steel painted grille, internally covered with acoustically-transparent foam and braced with two reinforcement bars provides superior physical protection for the components housed within the front of the cabinet. Four recessed handles facilitate the handling and dedicated flight-cases make the transport easy and safe.



TECHNICAL SPECIFICATIONS (PRELIMINARY DATA)

FREQUENCY RESPONSE

(-10 dB) 35 Hz ÷ 550 Hz
(± 3 dB) 40 Hz ÷ 400 Hz

SUGGESTED X-OVER

max 200 Hz

AVERAGE DISPERSION

Horizontal Quasi-omnidirectional
Vertical Depending on array height and curvature

IMPEDANCE (Ω)

Nom (min) 8 Ω (6.5 Ω @ 170 Hz)

SENSITIVITY (dB SPL @ 1W 1m)

97.5 dB SPL (free-field)
103.5 dB SPL (half-space)

POWER - W AES

Cont. 500 Peak (+6 dB) 2000

MAX SPL @ 1 m (calculated)

Cont.	Peak (+6 dB)
124.5	130.5 (free-field)
130.5	136.5 (half-space)

LOUDSPEAKERS AND LOADING

1 x 15" (381 mm) woofer, bass-reflex loaded

CONNECTORS

2 x NL4
pin 1+ (pos); pin 1- (neg)

WEIGHT DIMENSIONS

	Single Unit	Shipping (1 unit)
Height	73.4 cm (28.9")	81 cm (31.9")
Width	55 cm (21.7")	64 cm (25.2")
Depth	54.6 cm (21.5")	63 cm (24.8")

INSTALLATION SERIES