

DVS 118 SW

FEATURES

- Ready to be fitted with Outline's iMode Technology (see details below)
- High efficiency high-power subwoofer with a 18" long-throw cone magnet and 100 mm voice coil.
- High power handling (2800 W AES peak) and maximum sound pressure (138 dB SPL peak at 1 metre).
- Cabinet with internal bracing for utmost sturdiness, free from sound "colouring" due to resonance.
- Optional trolley with sturdy smooth-running wheels facilitates transport, even on relatively uneven surfaces.

APPLICATIONS

- No-nonsense use in "live" concerts of all sizes, floor or stage mounted and combined with other units of the same type for sound reinforcement of low frequencies.
- High-quality permanent installations in theatres, clubs, indoor sports arenas; an ideal combination for all Outline loudspeaker systems.

DESCRIPTION

DVS 118 SW is a loudspeaker system suited to high SPL reinforcement of low frequencies, fitted with a 46 cm (18") long-throw woofer. Loading is of the phase inversion type with the enclosure tuned at a rather low frequency.

The peculiarity of this overall 4th order loading consists in obtaining a wide band-pass and great extension towards the bottom end of the frequency response.

The standard components used allow to obtain a useable bandwidth reproduced at -10dB from 26 Hz to 500 Hz, with remarkable linearity within ± 3 dB from 35 Hz to 350 Hz, enabling the system to be used in a wide range of applications for sound reproduction from low to mid/low frequencies.

The max sensitivity is 101 dB in half space and the maximum continuous AES power 700W gives 132 dB SPL while peak values even reach 138 dB SPL (2,800W peak). The rectangular shaped system is 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 port also doubles as bracing. The external finish is in high quality scratch-resistant black paint. The front is protected by an anti-resonant sound-transparent steel grille. There is a receptacle for mounting the optional support of a satellite (if used); integral handles facilitate handling and an optional trolley to facilitate the transport, even on uneven surfaces.



TECHNICAL SPECIFICATIONS:

FREQUENCY RESPONSE	(-10 dB) (± 3 dB)	26 Hz \div 500 Hz 35 Hz \div 350 Hz
SUGGESTED X-OVER	max 150 Hz	
AVERAGE DISPERSION	Quasi-omnidirectional	
IMPEDANCE (Ω)	Tot (min)	8 (6.2 @ 49 Hz)
MAX SENSITIVITY (dB SPL @ 1W 1m)	98 101	(Free-field) (Half-space)
POWER - WATT AES	Cont. 700	Peak 2800
MAX SPL @ 1 m (calculated)	Cont. 126 132	Peak 132 (Free-field) 138 (Half-space)

CONNECTORS	2 x NL4 Speakon in parallel Pin 1 + pos ; Pin 1 - neg
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LOUDSPEAKERS AND LOADING	1 x 18" woofer, high-pass vented box
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WEIGHT	<i>Single unit</i>	<i>Shipping (1 unit)</i>
	42 kg (92.6 lb)	47 kg (103.6 lb)

DIMENSIONS		
Height	65 cm (25.6")	74 cm (29.1")
Width	55 cm (21.7")	63 cm (24.8")
Depth	60 cm (23.6")	68 cm (26.8")

DVS SERIES