

D-Series by SHERMANN Audio

D450

(discontinued model - replacement parts normally in stock except 15"; recone only)

Shermann's D-450 is a two way, multi-role compact system supplied in passive drive format.

This model is fitted with a GSA1/35 stand mount adaptors and a GS-TA3 flying track/safety set for use with **Shermann** GS-F3 flying brackets or **Shermann** GS-W3 wall brackets.

D-450's offer the end user the widest possible range of uses and benefits - it's an entirely cost-effective, high quality product.



D-450 (left) in wedge format with LF drivers placed together for increased coupling and (below) in FOH format on LS-22 speaker stands.

As a FOH pa unit the D-450 may be used for a wide variety of applications including theatres, conferences venues, churches, band PA system (with **Shermann** bass units if required) and AV in schools & colleges.

As a stage wedge the D-450 is designed for use in applications where a powerful, full range foldback speaker or side-fill is required.



The D-450 is equipped with a powerful 15" bass/mid driver which incorporates a substantial magnet assembly and 3" voice coil.

Upper midrange & HF response is handled by **Shermann's GS25F1 / GHF-2 driver & horn assembly.**

An advanced ferro-fluid installed within the magnetic gap of all **Shermann compression drivers improves long-term reliability by reducing heat build-up within the voice coil assembly.**

All **Shermann** products are built to the highest standards and the D-450 is no exception.

Constructed externally from 18mm birch plywood the loudspeaker baffle thickness is 25mm for ultimate rigidity and performance.

Connections
Speakon NL4 pin 1+ **hot** / pin 1- **cold** (2+ 2- to order)

Crossover frequencies
Internal: not applicable; passive drive
External: 4th order 100 - 125Hz (with **Shermann** bass systems)

Technical Specifications

System

Format	2 way Passive
Network	PCN-3
Nom' impedance	8 ohm
Hi-pass filter (-3dB point)	35Hz / 4th order
Rec' amp' power @ 8ohm	250 - 450 watts rms
Maximum peak power	500 watts

Performance

Sensitivity @ 1w/1m	100 dB
Maximum output	126 dB @ 1m
Frequency response	50 Hz - 18.5 KHz
Dispersion (2khz up)	70° x 40°

Components

Drive unit (LF/MF)	380 mm (15")
Drive unit (HF)	25mm comp' driver
Horn unit	Shermann GHF-2

Dimensions

Height	647 mm (25-50")
Depth	378 mm (14-88")
Width	445 mm (17-50")
Apex height (as wedge)	465 mm (18-30")
External volume	107 lts (3-8 ft ³)
Weight	30-5 Kgs (67 lbs)

Mechanical

Connectors	"Speakon" NL4 x 2
Flying points (fitted)	GS-TA3
Stand mount (fitted)	GSA1/35
Handle	Flip type
Finish	Black carpet

Please note

We would like to draw your attention to the likelihood of hearing damage from prolonged exposure to high sound pressure levels. Care should be taken when using cabinets in close proximity to the audience, musicians or artists. For further information on the safe operation of any **Shermann** Audio product please fax, call or email us - contact details are shown below. The front foam used on this cabinet is not fire retardant.

* Options must be requested at time of ordering.



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