

D-Series by SHERMANN Audio

D-501

(discontinued model - replacement parts normally in stock or available to order)

Shermann's D-501 is a compact 3 way, multi-role loudspeaker supplied in passive drive format and loaded with an efficient 15" LF driver, a 6.5" midrange & 1" co-axially mounted HF driver.

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-501 Shown *above* in FOH mode and *right* as a stage wedge.

As a FOH pa unit the D-501 may be used for a wide variety of applications including theatres, conferences venues, churches and AV applications.

As a stage wedge the D-501 is designed for use in applications where a high power, full range foldback speaker or side-fill is required.



The **D-501** is equipped with a powerful 15" bass/mid driver which incorporates a substantial magnet assembly and 4" voice coil.

Midrange response is handled by **Shermann's** GM17/50 cone mid unit whilst a GS25B1 compression driver on a GHF-7 CD horn handles the high frequencies.

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-501** 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	3 way Passive
Network	PCN-4
Nom' impedance	8 W
Hi-pass filter (-3dB point)	35Hz / 4th order
Rec' amp' power @ 8W ¹	250 - 500 watts rms
Maximum peak power	550 watts

Performance

Sensitivity @ 1w/1m	99 dB
Maximum output	127 dB @ 1m
Frequency response	50 Hz - 18.5 KHz
Dispersion	70° x 40°

Components

Drive unit (LF)	380 mm (15")
Drive unit (MF)	265mm (6.5")
Drive unit (HF)	25mm comp' driver

Dimensions

Height (in FOH mode)	724 mm (28.50")
Depth	407 mm (16.00")
Width	445 mm (17.50")
Apex height (as wedge)	485 mm (19.10")
External volume	127 lts (4.5 ft ³)
Weight	39.5 Kgs (87 lbs)

Mechanical

Connectors	Speakon NL4 x 2
Flying points (fitted)	GS-TA3
Stand mount (fitted)	GSA1/35
Handle	Bar type
Finish ^{2,3}	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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