

D-Series by SHERMANN Audio

D550

(discontinued model - replacement parts normally in stock except 12"; recone only)

Shermann's D-550 is a two way, multi-role compact system supplied in passive drive format loaded with a powerful, efficient 12" LF driver and a 2" compression driver.

The superior vocal and music projection qualities along with it's unobtrusive non-reflective black finish allow the **D-550** to be used as a FOH box or a compact stage wedge.



D-550 (right) in wedge format with front foam removed showing the drivers & tough steel mesh grill and (above) in FOH format with front foam fitted.

As a FOH pa unit the D-550 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-550 is designed for use in applications where a very powerful, full range foldback speaker or side-fill is required.



The **D-550** is equipped with a powerful 12" bass/mid driver which incorporates a substantial magnet assembly, aluminium chassis and a 4" voice coil.

Upper midrange & HF response is handled by **Shermann's** GS50E2 2" driver on our GHF-4 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-550 is no exception.

Constructed externally from 18mm birch plywood the loud-speaker 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	PCN3
Nom' impedance	8 ohm
Hi-pass filter (-3dB point)	35Hz / 4th order
Rec' amp' power @ 8ohm	300 - 500 watts rms
Maximum input power (1)	550 watts

Performance

Sensitivity @ 1w/1m	99 dB
Maximum output	127 dB @ 1m
Frequency response	60 Hz - 17.5 Khz
Dispersion (>1.75Khz)	70° x 40°

Components

Drive unit (LF)	305 mm (12")
Drive unit (HF)	50mm comp' driver on GHF-4 horn

Dimensions

Height	597 mm (23.50")
Depth	368 mm (14.50")
Width	381 mm (15.00")
Apex height (as wedge)	430 mm (16.80")
External volume	82 lts (2.9ft ³)
Weight	31· Kgs (69lbs)

Mechanical

Connectors	"Speakon" NL4 x 2
Flying points (fitted)	GS-TA3
Stand mount (fitted)	GSA1/35
Stand mount (option) *	GSA1/32 or 38
Handles	Bar & flip types
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.



Shermann Audio

Unit 35, Vastre Enterprise Park,
Newtown, Powys.
SY16 1DZ

Tel: +44 (0) 1686 622 997

Fax: +44 (0) 1686 623 233

Email: info@shermann.com

Web: www.shermann.com