

# Shermann

## D-301

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

**Shermann's D-301** is a compact 3 way, multi-role loudspeaker supplied in passive drive format and loaded with an efficient 12" 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.



As a stage wedge the D-301 is designed for use in applications where a medium power, full range foldback speaker or side-fill is required.

As a FOH pa unit the D-301 may be used for a wide variety of applications including theatres, conferences venues, churches and AV applications.



The **D-301** is equipped with a powerful 12" bass/mid driver which incorporates a substantial magnet assembly and 2.5" voice coil.

Midrange response is handled by a Hughes GM17/50 cone mid unit whilst a GS25B1 co-axially mounted compression driver 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-301** 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 110Hz (with **Shermann Audio** bass systems)

### Technical Specifications

#### System

Format	3 way Passive
Network	PCN-4
Nom' impedance	8 W
Hi-pass filter (-3dB point)	40Hz / 4th order
Rec' amp' power @ 8W <sup>1</sup>	175 - 300 watts rms
Maximum peak power	350 watts

#### Performance

Sensitivity @ 1w/1m	100 dB
Maximum output	125 dB @ 1m
Frequency response	50 Hz - 18.5 KHz
Dispersion	90° x 60°

#### Components

Drive unit (LF)	305 mm (12")
Drive unit (MF)	265mm (6.5")
Drive unit (HF)	25mm comp' driver

#### Dimensions

Height (in FOH mode)	596 mm (23.50")
Depth	368 mm (14.50")
Width	381 mm (15.00")
Apex height (as wedge)	431 mm (16.97")
External volume	82 lts (2.88 ft <sup>3</sup> )
Weight	29.6 Kgs (65 lbs)

#### Mechanical

Connectors <sup>2</sup>	Speakon NL4 x 2
Flying points (fitted)	GS-TA3
Stand mount (fitted)	GSA1/35
Handle	Bar type
Finish <sup>2,3</sup>	Black paint

#### 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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