

# Shermann

## MR-500

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

**Shermann's MR-500** is a compact two way, multi-role loudspeaker supplied in passive drive format.

Standard hardware includes a GS-TA3 flying track & safety tie set for use with **Shermann** GS-F3 flying brackets or GS-W3 wall brackets.



Also supplied is a GSA1/35 stand mount adaptor to enable use with any good quality tripod stand or cabinet mounted extension pole.



### Multi-Role Capability.

Versatile, cost-effective, lightweight, compact AND capable of performing a variety of tasks.

The **MR-500** offers premium performance as a front-of-house PA box; it may be flown, stand mounted or stacked.

Using its 45° angle the **MR-500** is a powerful, unobtrusive vocal stage wedge.

The alternative 15° angle allows this versatile unit to function as a drum or side fill in partnership with any **Shermann** LF unit.

**The MR-500 is equipped with a powerful 12" bass/mid driver which incorporates a substantial magnet assembly and 3" voice coil.**

**Upper midrange & HF response is handled by an integral 2" compression driver which utilises the LF unit's magnet assembly.**

All **Shermann** products are built to the highest standards and the MR-500 is no exception.

Constructed externally from 15mm birch plywood the loudspeaker baffle thickness is 25mm for ultimate rigidity and performance.

### *Connections*

**Speakon NL4** pin 2+ **hot** / pin2- **cold** (1+ 1- 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-5
Nom' impedance	8 ohm
Hi-pass filter (-3dB point)	40Hz / 4th order
Rec' amp' power @ 8 ohm	150 - 400 watts rms
Continuous Programme	500 watts

#### Performance

Sensitivity @ 1w/1m	99 dB
Maximum output	125 dB @ 1m
Frequency response	65 Hz - 18.5 KHz
Dispersion	60° x 60°

#### Components

Drive unit (LF/MF)	305 mm (12")
Drive unit (HF)	50mm comp' driver
Horn	n/a

#### Dimensions

Height	527 mm (20.75")
Depth	335 mm (13.20")
Width	380 mm (14.95")
Apex height (as wedge)	394 mm (15.50")
External volume	63 lts (2.2 ft <sup>3</sup> )
Weight	22 Kgs (48 lbs)

#### Mechanical

Connectors	"Speakon" NL4 x 2
Flying points (fitted)	GS-TA3
Stand mount (fitted)	GSA1/35
Handles	Bar 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** product please fax, call or email us - contact details are shown below.



**Shermann**

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# Shermann

## MR-300

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

**Shermann's MR-300** is a compact two way, multi-role loudspeaker supplied in passive drive format.

Standard hardware includes a GS-TA2 flying track & safety tie set for use with **Shermann** GS-F2 flying brackets or GS-W2 wall brackets.



Also supplied is a GSA1/35 stand mount adaptor to enable use with any good quality tripod stand or bass cabinet mounted extension pole.



### Multi-Role Capability.

Versatile, cost-effective, lightweight, compact and capable of performing a wide variety of tasks.

The **MR-300** offers premium performance as a front-of-house PA box; it may be flown, stand mounted or stacked.

Using its 45° angle the **MR-300** is a compact, unobtrusive vocal stage wedge.

The alternative 15° angle allows this versatile unit to function as a side fill in partnership with any **Shermann** LF unit.

**The MR-300 is equipped with a powerful 10" bass/mid driver which incorporates a substantial magnet assembly and 2.5" voice coil.**

**Upper midrange & HF response is handled by a 1" compression driver matched to a **Shermann** GHF-10 horn unit.**

All **Shermann** products are built to the highest standards and the MR-300 is no exception.

Constructed externally from 15mm birch plywood the loudspeaker baffle thickness is 25mm for ultimate rigidity and performance.

### *Connections*

**Speakon NL4** pin 2+ **hot** / pin2- **cold** (1+ 1- 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-5
Nom' impedance	8 ohms
Hi-pass filter (-3dB point)	40Hz / 4th order
Rec' amp' power @ 8 ohm	150 - 300 watts rms
Continuous Programme	350 watts

#### Performance

Sensitivity @ 1w/1m	98 dB
Maximum output	124 dB @ 1m
Frequency response	65 Hz - 18.5 KHz
Dispersion	80° x 60°

#### Components

Drive unit (LF/MF)	255 mm (10")
Drive unit (HF)	25 mm comp' driver
Horn	GHF-10

#### Dimensions

Height	489 mm (19.25")
Depth	300 mm (11.85")
Width	316 mm (12.45")
Apex height (as wedge)	336 mm (13.25")
External volume	43 lts ( 1.52 ft <sup>3</sup> )
Weight	17.8 Kgs (39 lbs)

#### Mechanical

Connectors	"Speakon" NL4 x 2
Flying points (fitted)	GS-TA2
Stand mount (fitted)	GSA1/35
Handles	Flip type
Finish	Black carpet

#### *Please note*

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