

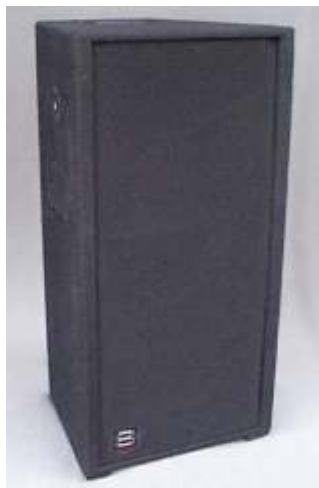
AL3

SHERMANN Audio AL3 is a horn loaded system capable of very high output designed primarily for touring applications.

This model exhibits excellent long throw capabilities in multiples however, equally impressive results may be achieved using just four boxes in either pairs left & right or central cluster formats.

GS-MA4 flying plate and safety point sets are fitted as standard for use with GS-F6 flying or GS-W6 wall brackets.

This outstanding loudspeaker is capable of very high output levels and offers defined coverage with a distinctively natural, effortless sound quality.



The AL3 may be used in pairs or multiples with SHERMANN Audio CB bass units to create stunning systems that are economical to transport and safe & simple to rig.

Another benefit of AL3 ownership is amplifier efficiency.

8 ohm low-mid & 16 ohm mid-high sections allow parallel linking of pairs to achieve optimum 4 ohm low-mid loadings.

A version more suited to installation requirements is also available.



The AL3 is equipped with a low-mid horn featuring two very efficient 12" drivers each of which incorporates a large magnet assembly and a 3" edge wound voice coil.

SHERMANN Audio MH10P cone driven compression mid horn unit handles all midrange frequencies between 650Hz and 2.5KHz.

The powerful HF drive unit mounted on SHERMANN Audio GHF-5 horn features a 2" throat, 3" ferro-fluid cooled voice coil and titanium diaphragm.

All SHERMANN Audio products are built to the highest standards and the AL3 is no exception.

Constructed externally from 15 & 18 mm birch plywood the loudspeaker baffle thickness is 25mm for ultimate rigidity and performance.

Connections

Speakon NL8 *Low mid* pin 2+ **hot** / pin 2- **cold**
 High mid pin 3+ **hot** / pin 3- **cold**
EP or AP types: to customer requirements

Crossover frequencies

Internal:: 4th order L-R slopes 650Hz (low mid to high)
External: 4th order 90 - 125Hz (with SHERMANN Audio LF units)

For optimum performance and system protection we recommend the use of a digital loudspeaker management unit with the AL3.

Klark-Teknik, BSS and XTA manufacture suitable models which may be loaded with preset configurations to operate with any SHERMANN Audio system.

Technical Specifications

System

Format	2 way Active
Network	PCN-4X
Nom' imp' - Low mid	8 ohm
Nom' imp' - Mid/high	16 ohm
Max. Power - Low mid	900 w
Max. Power - Mid/high	350 w
Sensitivity - Low mid	107dB
Sensitivity - Mid/high	110dB

Performance

Output level @ 10 metres	119 dB
Output level @ 1 metre	140 dB
Frequency response	100 Hz - 18.5 KHz
Dispersion	50° x 30°

Components

Drive unit (LF)	305 mm (12") x 2
Drive unit (MF)	165mm (6.5")
Drive unit (HF)	50mm (2")
Horn units	MH10P & GHF-5

Dimensions

Height	1098 mm (43.25")
Depth	540 mm (21.375")
Width (front)	493 mm (19.35")
Width (rear)	310 mm (12.15")
External volume	230 lts (8.00 ft ³)
Weight	74 Kgs (164 lbs)

Mechanical

Connectors	Speakon NL8 x 2
(Option)*	EP or AP 8
Flying points	GS-MA4 sets
Trolley board (option)*	Shermann GS-D7
Handle	Large flip type (x 6)
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.

* Options must be requested at time of ordering.



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