

GX-CA9^{V2}

The SHERMANN Audio **CA9** is a high power three way system in widespread use by numerous UK rental companies.

Supplied in bi-amped drive format it incorporates two efficient 12" LF drivers, horn loaded 6.5" midrange and massive 2" HF driver on a Hughes dual horn assembly.

Although medium weight in stature the **CA9** is certainly a heavyweight performer.

Four rear mounted 100mm castors and six conveniently placed handles assist speedy rigging and de-rigging.

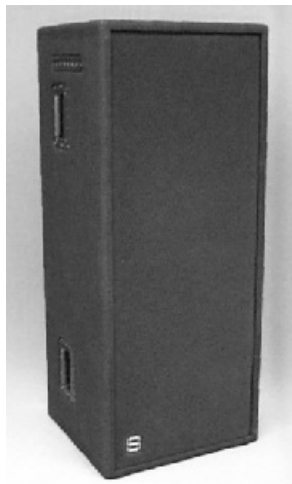
A horn loaded 6.5" midrange drive unit enhances the all-important detail in the 600Hz - 2.5KHz frequency range.

Used in pairs or multiples and with any SHERMANN Audio bass units the **CA9** is employed in a wide variety of demanding touring applications.



The superb SHERMANN Audio **CA9** shown (above) in its vertical operating position and (left) ready for transportation on the rear mounted castors.

Please note: Current models fitted with bar handles



The CA9 is equipped with two, powerful 12" bass drivers each of which incorporates a robust cast chassis, 4" voice coil and a large magnet assembly with an effective heat dispersion system.

A Hughes MH17D2 Mid/HF horn unit incorporates our high power GM17/100 midrange driver and GS-50BC2 ferro-fluid cooled 50mm HF compression driver.

All SHERMANN Audio products are built to the highest standards and the CA9 is no exception.

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

Connections

Speakon NL8	Mid/ High	pin 3+ hot / pin 3- cold
	Low	pin 2+ hot / pin 2- cold
Speakon NL4	Mid/ High	pin 2+ hot / pin 2- cold
	Low	pin 1+ hot / pin 1- cold

Crossover frequencies

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

For optimum performance and system protection we recommend the use of a digital loudspeaker management unit with the AL6a. 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	3 way bi-amplified
Network	PCN-3A
Nom' impedance	4 ohm (LF) [8 ohm option] 15 ohm (Mid / HF)
Hi-pass filter (-3dB point)	30Hz / 4th order
Rec' amp' power 8 ohm	700-1200 w (LF)
Rec' amp' power 16 ohm	100-250 w (Mid/HF)
Rec' x/over frequency	600-700 Hz (Mid/HF)

Performance

Sensitivity @ 1w/1m	102 dB (LF) 107 dB (Mid/HF)
Maximum output	133 dB @ 1m
Frequency response	65 Hz - 18.5 KHz
Dispersion	70° x 40°

Components

Drive unit (LF)	305 mm (12") x 2
Drive unit (MF)	165 mm (6.5")
Drive unit (HF)	50 mm (2")
Horn unit	MH17D2

Dimensions

Height	1098 mm (43.25")
Depth	405 mm (15.95")
Depth over castors	558 mm (20.95")
Width	443 mm (17.45")
External volume	189 lts (6.68 ft ³)
Weight	63.6 Kgs (140 lbs)

Mechanical

Connectors *	Speakon NL8 x 2
(Connector option)	NL4 or EP types
Flying points (fitted)	GS-TA3 track set
Castors	100mm swivel
Handles (sides)	Bar type (x 4)
Handles (top & bottom)	Flip type (x 2)
Finish *	Black carpet

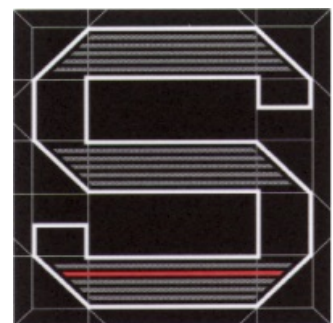
Please note

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.



SHERMANN Audio The Gold Series

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