

# Gx Series by SHERMANN Audio

## CA3

The SHERMANN Audio **CA3** is a compact, high power three way system in widespread use by numerous UK rental companies.

Supplied in bi-amped drive format it incorporates an efficient 15" LF driver, horn loaded 6.5" midrange and massive 2" HF driver (coaxially mounted)

The **CA3's** superior vocal and music projection qualities coupled to an ability to be used for all but the very largest events have distinguished it as a market leader



The **CA3** is a widely used, compact full range system with very high output capabilities, defined coverage and a distinctively natural, effortless sound quality.

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

The fitting of M2.5 stud plates in place of side & rear track is an option which allows the CA3 to be flown using a globally accepted suspension system.

CA3 delivers immense output for its size.

Distinctively clear vocal response, solid attack on drums, percussion & upper bass

with the ability to project the most delicate, natural tones of stringed instruments without effort.

Used in pairs or multiples and with any Series 3 or 4 bass units the CA3 is currently employed in the widest variety of demanding touring applications.

The CA3 is equipped with an extremely powerful 15" co-axial bass driver which incorporates a massive magnet assembly, 4" voice coil and innovative cooling techniques.

A SHERMANN Audio M17/50 mid driver and HughesMH10S horn unit handles all midrange frequencies whilst the HF device features a 2" throat, 3" voice coil and titanium diaphragm

All **SHERMANN** products are built to the highest standards and the CA3 is no exception.

Constructed externally from 18mm 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:** 4th order L-R slopes **750 Hz** (low to mid/high)

**External:** 4th order **110Hz** (with SHERMANN LF systems)

### Technical Specifications

#### System

Format	3 way bi-amplified
Network	PCN-4A
Nom' impedance	8 W ( LF ) 16 W ( Mid / HF )
Hi-pass filter (-3dB point)	30Hz / 4th order
Rec' amp' power ( 8 W )	450-750 w ( LF )
Rec' amp' power ( 16 W )	150-350 w ( Mid/HF )
Rec' x/over frequency	750 Hz ( Mid/HF )

#### Performance

Sensitivity @ 1w/1m	99 dB ( LF ) 107 dB ( Mid/HF )
Maximum output	131 dB @ 1m
Frequency response	55 Hz - 18.5 KHz
Dispersion	70° x 40°

#### Components

Drive unit ( LF )	380 mm ( 15" )
Drive unit ( MF )	165 mm ( 6.5" )
Drive unit ( HF )	50 mm ( 2" )
Horn unit	MH10S

#### Dimensions

Height	724 mm ( 28.50" )
Depth	407 mm ( 16.00" )
Width ( front )	474 mm ( 18.65" )
Width ( rear )	293 mm ( 11.55" )
External volume	111 lts ( 3.9 ft <sup>3</sup> )
Weight	50.1 Kgs ( 110 lbs )

#### Mechanical

Connectors <sup>2</sup> (Connector option)	Speakon NL8 x 2 NL4 or EP types
Flying points (fitted)	GS-TA3 track set

Handles (sides)	Flip type ( x 2 )
Handles (top & bottom)	Flip type ( x 2 )
Finish	Black carpet

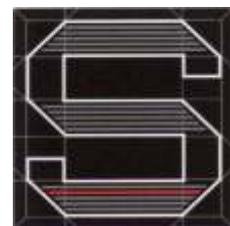
#### Please note

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.



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