

## GL730

(discontinued model - replacement parts readily available except 12" driver - recone only)

The GL730 by SHERMANN Audio is an ultra high quality, 2 way FOH Music/ PA loudspeaker which is lighter and more compact than virtually all competitive models.

These advantages, coupled with its incredible sound quality and versatility, make the 730 a truly cost effective item within any rental company inventory.

GL730's also feature top & side mounted bar handles, 3 point flying track and a 35mm stand mount adaptor.



The GL730 is equipped with a lightweight but highly efficient 12" bass driver fitted with a powerful neodymium magnet assembly.

This superb drive unit is equipped with a 3" voice coil, composite fibre dust dome and innovative cooling techniques. A Hughes GHF6 HF horn unit is loaded with a GS36BCN 1.4" compression driver.

Active/passive drive switching is a major feature of the GL730 and this is achieved through the use of independent PCN-5 circuit boards which provide HF drive unit protection in active mode and a crossover/eq function in passive mode.

GL730's are constructed externally from 15mm birch plywood whilst the loudspeaker baffle thickness is 25mm for ultimate rigidity and performance.

A fully recessed switch to enable active/passive mode drive is mounted on the loudspeaker baffle board and is concealed yet easily accessible under the foam front thereby avoiding the possibility of accidental switch operation .

A SHERMANN Audio GS-TA3 flying track and safety tie set is fitted as standard along with a 35mm stand mount adaptor.

**Speakon NL8**  
(Active mode)  
(Active mode)

### Connections

(Passive) pin 2+ hot / pin 2- cold  
Mid/ High pin 3+ hot / pin 3- cold  
Low pin 2+ hot / pin 2- cold

**Speakon NL4**  
(Active mode)  
(Active mode)

(Passive) pin 1+ hot / pin 1- cold  
Mid/ High pin 2+ hot / pin 2- cold  
Low pin 1+ hot / pin 1- cold

### Crossover frequencies

Internal: 4th order L-R slopes 1.75KHz (low to high - active mode)  
External: 4th order 110 Hz (with SHERMANN Audio bass systems)

**Switch:** Passive - UP position / Active - DOWN position

For optimum performance and system protection we recommend the use of a digital loudspeaker management unit with the GL730.

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

### Specifications

#### System

Format	2 way Passive / Active
Network	PCN-5X
Nom' impedance (LF/HF)	8 ohm / 8 ohm
Rec' x/over frequency	1.5KHz (active mode)
Hi-pass filter (-3dB point)	40 Hz / 4th order
Rec' amp' power @ 8ohm	350-500 watts (LF) 50-100 watts (HF)

#### Performance

Sensitivity @ 1w/1m	99 dB ( LF ) 110 dB ( HF )
Max' output (passive)	127 dB @ 1m
Max' output (active)	130 dB @ 1m
Frequency response	55 Hz - 19.5 KHz
Dispersion	50° x 30°

#### Components

Drive unit (LF)	305 mm (12")
Drive unit (HF)	36mm comp' driver
Horn unit	Hughes GHF-6

#### Dimensions

Height (including skids)	591 mm (23-25")
Depth	304 mm (11-95")
Width (front)	367 mm (14-50")
Width (rear)	239 mm ( 9-45")
External volume	51 lts ( 1-81ft <sup>3</sup> )
Weight	19.4 Kgs (43 lbs)

#### Mechanical

Connectors	Speakon NL8 x 2
(Connector option)*	NL4 x 2 / EP or AP
Flying points (fitted)	GS-TA3
Stand mount (fitted)	GSA1/35 (35mm i/d)
Handle (Top)	Bar
Handles (Sides)	Bar
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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A Series

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