



**AUDICA**

CS-Series 2005

There was a time when a sing-song around the piano was the definition of home entertainment. Today we sit in front of hi-tech displays, mesmerised by amazing images and surrounded by striking sonic effects.

Somewhere in between the two we started listening to music at our leisure, in our homes on audio systems. The emergence of home cinema has encouraged us to push the boundaries of audio technology but in essence we listen to music in the same way we always have.

Audica's principle achievement is in embracing the wonder of home cinema without compromising real music reproduction. To seamlessly traverse between the nuances of the human voice and the crash and bang of an action packed blockbuster.

Just as important is our desire to create systems which not only enhance our audiovisual experience but also enrich our living environment; Developing products which are beautifully understated and blend effortlessly into our modern, clutter-free lifestyles.





The CS series achieves audiophile quality reproduction but has plenty of power to keep up with the drama of a movie soundtrack. So how can such dynamics be generated from such small speakers? There is no voodoo here; the answer is in some serious research and engineering.



Designing the CS-Series, Audica employed the very latest model simulation software to optimise the drive unit and cabinet construction. This tool allows us to cover in one day what normally takes weeks testing empirically, this effectively means we can explore many possible solutions and then select the very best one. Using a laser vibrometer scanner, we can seek out and measure disruptive resonances in the drive unit and enclosure. We can then add stiffening and damping where necessary to fine tune the speaker's construction elegantly and achieve completely uncoloured sound reproduction. The cabinet of each speaker is constructed from extruded high grade aluminium. It's section is shaped in such a way as to cancel rearward firing waves from the driver thus increasing driver efficiency and decreasing cabinet resonance.



Each speaker in the range is a high pass filtered reflex design with 4<sup>th</sup> order LKR crossover topology at its heart. Passive high pass filtering optimises the cone excursion of the low frequency unit which itself is a bespoke design with an optimised frequency range specific to this application. Its construction incorporates a doped paper cone, a high power Ø19mm copper clad aluminium voice coil and a triple stacked neodymium magnet with stray field compensation. High frequencies are produced by a Ø14mm balanced dome tweeter coupled to a neodymium magnet and cooled by ferro fluid.



Both subwoofers in the CS series are constructed from rigid 25mm thick MDF panels. The acoustic configuration is a 6<sup>th</sup> order high pass filtered reflex design, maximising driver output with controlled cone excursion. The downward firing woofers improve room coupling and assist placement. The amplifier is extremely robust and has extended band width at frequencies greater than 200Hz to allow perfect filtering from the AV amplifier.



The outstanding CS-LCR combines left, centre and right loudspeakers in one single elegant enclosure. A truly creative marriage of form and function, especially when combined with the CS-Generic Display Stand.



# AUDICA CS-Series Systems



**CS-System 1**  
CS-LCR Left/Centre/Right x1  
CS-S1 Satellite x2  
CS-Sub8 Subwoofer



**CS-System 2**  
CS-S1 Satellite x4  
CS-C1 Centre Speaker  
CS-Sub10 Subwoofer



**CS-System 3**  
CS-T1 Floorstander x2  
CS-S1 Satellite x2  
CS-C1 Centre Speaker  
CS-Sub10 Subwoofer



**CS-System 4**  
CS-T1 Floorstander x4  
CS-C1 Centre Speaker  
CS-Sub10 Subwoofer

## CS-Series Accessories



**CS-GWB**  
Generic Display Bracket



**CS-GFS**  
Generic Display Stand



**CS-CWB**  
C1/LCR Wall Bracket



**CS-SS**  
Satellite Floorstand



**CS-SB**  
360° Satellite Bracket

## Colour Choice



Anodised Titanium  
Silver



Anodised Carbon  
Black

## Left/Centre/Right CS-LCR

Enclosure Material	Aluminium
LF Units	6 x 50mm Neodymium
HF Unit	3 x 14mm Dome Tweeters
Power Handling	60W-100W
Dimensions(mm)	W800 X H85 X D185

## Centre CS-C1

Enclosure Material	Aluminium
LF Units	4 x 50mm Neodymium
HF Unit	1 x 14mm Dome Tweeter
Power Handling	60W-100W
Dimensions(mm)	W280 X H85 X D185

## Satellite CS-S1

Enclosure Material	Aluminium
LF Units	2 x 50mm Neodymium
HF Unit	1 x 14mm Dome Tweeter
Power Handling	60W-100W
Dimensions(mm)	W74 X H185 X D185

## 8" Sub-Woofer CS-SUB8

Enclosure Material	25mm MDF
LF Units	1 x 8" LF Unit
Power Output	100W
Weight	11Kg
Dimensions(mm)	W350 X H420 X D350

## Tower CS-T1

Enclosure Material	Aluminium
LF Units	4 x 50mm Neodymium
HF Unit	1 x 14mm Dome Tweeter
Power Handling	60W-100W
Dimensions(mm)	W74 X H1050 X D185

## 10" Sub-Woofer CS-SUB10

Enclosure Material	25mm MDF
LF Units	1 x 10" LF Unit
Power Output	150W
Weight	16Kg
Dimensions(mm)	W400 X H390 X D400



NOTE: Satellite speakers are provided with a wall bracket enabling 120° rotation. All passive speakers are supplied with high purity, directional Audica cable. Sub woofers are supplied with an RCA cable for Audica's recommended line level connection. CS-Series products are available separately however Audica recommend that passive speakers are always used along side an Audica Subwoofer to prevent damage or reduction in performance. Colour options relate to passive speakers only, subwoofers are available only in metallic gunmetal grey. Specifications are correct at time of print, Audica reserve the right to change product specifications without prior notice.

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[www.audica.co.uk](http://www.audica.co.uk)