

aviano

MORDAUNT-SHORT

A cut above the rest



Aviano is a complete hi-fi and home theatre speaker series from one of the UK's most respected loudspeaker manufacturers and combines unprecedented levels of performance, refinement and value.

This impressive seven-strong range comprises a bookshelf, standmount and two floorstanding speakers, a dedicated centre channel design and two equally impressive subwoofers.

Aviano scores instantly with a purposeful, muscular yet refined look which comes alive in any living space. Soft organic contours of the front profile combine with exquisitely finished cabinets in carefully chosen hues.

Under the skin, a raft of innovative developments join forces with Mordaunt-Short's critically-acclaimed audiophile technologies to deliver incredible sonic results.

Key to these is a new tweeter housing which takes cues from the company's flagship Performance Series. Meanwhile, a thoroughly updated third generation CPC™ mid/bass driver lifts the company's aluminium driver technology to new levels of refinement and an all-new crossover design guarantees incredible clarity. And providing the ultimate platform for all this technology, a sonically advanced bracing system and internal cabinet assembly increases rigidity to the highest levels yet.

And the result... a speaker range which rewards you with phenomenal performance, sensational value and, most importantly, an immensely enjoyable listen.

aviano

From breathtaking music to explosive home theatre!



Music...

While you might watch the same movie once or twice, chances are you know your music far more intricately and it's here where you'll notice the Aviano difference immediately. This is one seriously musical speaker range, offering the most incredible spacious experience, whatever music you're into.

...and movies

Carefully developed and tested using the widest possible range of today's most popular amplifiers, Aviano is guaranteed to offer excellent compatibility with a wide range of electronics. So whether your musical passion happens to be jazz, classical, rock, blues or indeed any other genre, you can be sure it will sound simply amazing.

Thrills, spills, bangs and crashes are what matter most when you're engrossed in an action movie. Fortunately the new Aviano home theatre range effortlessly delivers detail, excitement, punchy, insightful bass extension and of course, totally accurate sound effects.

Mordaunt-Short has been designing true home theatre speaker packages for nearly two decades and each Aviano system sounds like it's been developed in harmony... and that's because it has! The front and rear speakers integrate perfectly and critically, the centre and sub interject as needed with precise effects delivering dialogue and lower frequencies with perfect timing.

Introducing the entire range



Aviano 1

Aviano 1 is a real powerhouse in miniature consuming minimal living space while delivering entertainment by the bucket-load. Its compact 5 ¼" driver communicates with incredible authority and integrates flawlessly with Mordaunt-Short's highly detailed aluminium dome tweeter.

Recommended amplifier power	
15-100 Watts	
Sensitivity	88db
Frequency response	55Hz – 22kHz
Drivers	(1) 130mm/5.25" aluminium CPC mid/bass (1) 25mm/1" aluminium dome tweeter
Crossover	1 st order with DVPC HF
Impedance	4-8 Ohms
Dimensions (hxwx d)	275 x 179 x 267 mm 11 x 7.2 x 10.7"
Weight	5kg/11 lbs



Aviano 2

Aviano 2 features a larger 6 ½" driver enabling noticeably increased dynamic headroom. Oozing more presence than has ever before been possible from such compact cabinets, Aviano 2 offers a fantastic combination of value and performance.

Recommended amplifier power	
15-120 Watts	
Sensitivity	88db
Frequency response	45Hz – 22kHz
Drivers	(1) 165mm/6.5" aluminium CPC mid/bass (1) 25mm/1" aluminium dome tweeter
Crossover	Damped 2 nd order/minimum phase with DVPC
Impedance	4-8 Ohms
Dimensions (hxwx d)	320 x 205 x 298 mm 12.8 x 8.2 x 11.9"
Weight	6kg/14.1 lbs



Aviano 6

Aviano 6 features two 6 ½" mid/bass drivers for explosive results from music and movies alike. Computer-modelled bracing design and driver supports reduce distortion and vibration to extremely low levels whilst adding significantly to cabinet rigidity.

Recommended amplifier power	
15-150 Watts	
Sensitivity	88db
Frequency response	38Hz – 22kHz
Drivers	(2) 165mm/6.5" aluminium CPC mid/bass (1) 25mm/1" aluminium dome tweeter
Crossover	Damped 2 nd order/minimum phase with DVPC
Impedance	4-8 Ohms
Dimensions (hxwx d)	950 x 205 x 298mm 38 x 8.2 x 11.9"
Weight	17.3kg/38.1 lbs



Aviano 8

Aviano 8 takes the range to the zenith with an enhanced CPC driver configuration affording this flagship model rock-solid bass, a really clear soundstage packed with detail, rhythmic timing and a truly emotive midrange. Aviano 8 offers an extremely engaging listen and delivers jaw-dropping results across music and home theatre.

Recommended amplifier power	
15-200 Watts	
Sensitivity	88db
Frequency response	35Hz – 22kHz
Drivers	(2) 165mm/6.5" CPC aluminium bass driver (1) 165mm/6.5" aluminium CPC mid driver (1) 25mm/1" aluminium dome tweeter
Crossover	Damped 2 nd order/minimum phase with DVPC
Impedance	4-8 Ohms
Dimensions (hxwx d)	980 x 205 x 320mm 39 x 8.2 x 12.8"
Weight	20.5kg/45.2 lbs

Surround sound speakers



Aviano 5

A dedicated centre in woofer-tweeter-woofer configuration designed and voiced to deal with the specific demands of dialogue in movies. Perfectly timbre-matched with the rest of the Aviano range, you can be sure of the perfect home cinematic experience with this dedicated centre speaker.

Recommended amplifier power
15-120 Watts

Sensitivity 89db

Frequency response 70Hz – 22kHz

Drivers (2) 5.25" CPC aluminium mid/bass
(1) 1" aluminium dome tweeter

Crossover 1st order minimum phase with DVPC

Impedance 4-8 Ohms

Magnetic shielding Yes

Dimensions 179 x 456 x 229mm
(h x w x d) 7.2 x 18.2 x 9.2"

Weight 7.5kg/16.5 lbs



Aviano 7

The value of a well integrated subwoofer in home theatre systems is often underestimated with the use of poorly matched subs that don't do the rest of the set-up justice. Fortunately help is at hand thanks to Aviano 7 which dispatches the lowest notes with authority, dynamism and real control while offering incredible value.

Aviano 7 is a compact yet potent active subwoofer guaranteeing powerful and taught low frequencies thanks to a superbly controlled 10" aluminium driver and powerful (175 Watt) digital amplifier.



Output power 175 Watts active

Frequency response 35Hz – 200Hz

Drivers (1) 255mm/10" long throw woofer

Crossover Active – Variable 50 Hz – 200Hz

Dimensions 423 x 305 x 361mm
(h x w x d) 16.7 x 12.0 x 14.2"

Weight 17.5kg/38.5 lbs



Aviano 9

If you've got a serious space to fill – maybe a dedicated home theatre – or simply have a huge appetite for bass, there's no substitute for something well, just a bit bigger. Enter Aviano 9, a sub on a mission to really rock the house! With a 300 watt digital amplifier and 12" aluminium bass driver, Aviano 9 has enough grunt to keep you well and truly on the edge of your seat throughout the movie. And with Mordaunt-Short's Adjustable Notch Filter, unwanted room frequencies can be completely 'tuned-out' to enable placement almost anywhere.



Output power 300 Watts active

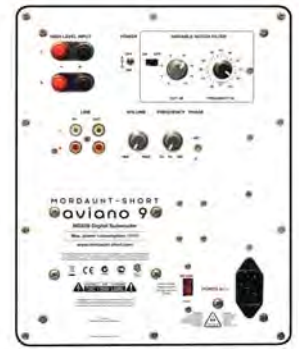
Frequency response 30Hz – 200Hz

Drivers (1) 305mm/12" long throw woofer

Crossover Active – Variable 50 Hz – 200Hz

Dimensions 471 x 360 x 508mm
(h x w x d) 18.9 x 14.4 x 20.3"

Weight 28kg/61.1 lbs



Subwoofer control panel

From the Aviano 7 and 9's rear panel you can make simple adjustments to ensure your sub integrates perfectly into your system and 'tune-out' any unwanted effects from non-optimal room placement.

Finishes

A choice of three attractive finishes makes Aviano the first choice for any home. Select from black, dark walnut or our new rich rosewood.



Black



Dark walnut



Rosewood

The inside story

With a rich heritage spanning over forty years, Mordaunt-Short knows what it takes to create the perfect speaker range. Each Aviano model was created at the company's design centre on London's Southbank and features a host of proprietary technologies, critical to Mordaunt-Short's award winning pedigree.

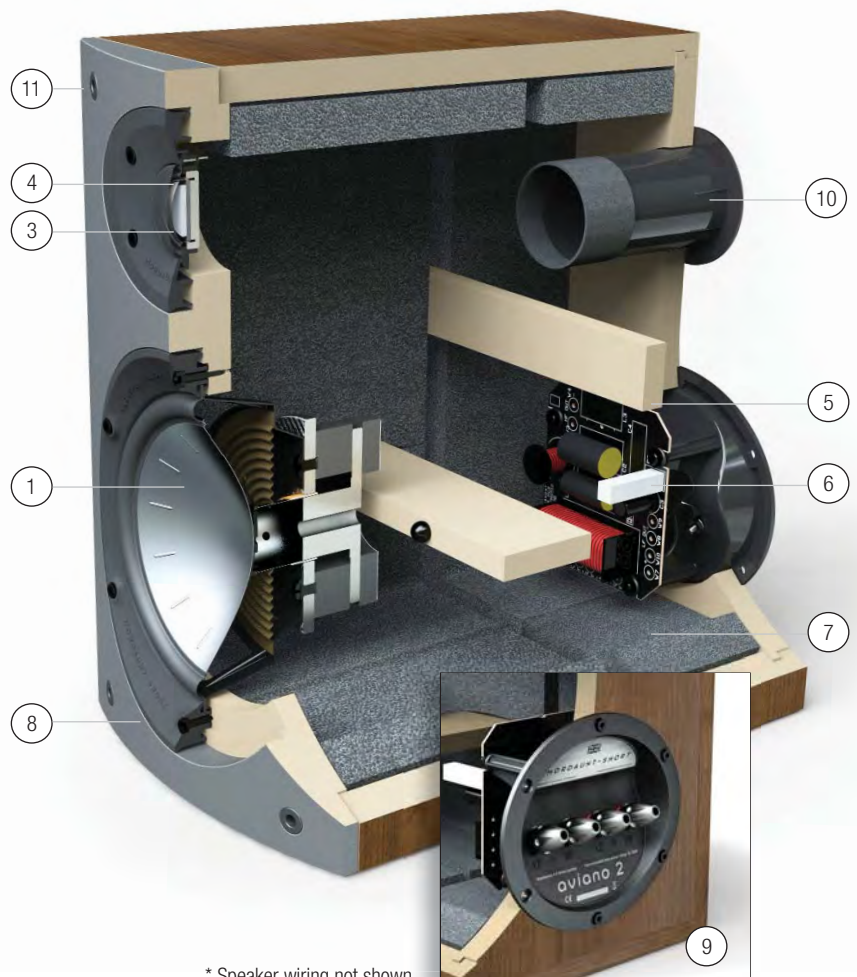
Like Aviano, many speakers have impressive showroom appeal. But take a look inside the cabinet – a place most manufacturers would prefer you didn't – and you'll discover there's way more to Aviano than meets the eye!



Mordaunt-Short proprietary driver technology

Take a look inside

- 1 CPC™ aluminium cone ensures highly predictable driver performance with controlled piston-like movement at lower frequencies and minimal distortion at higher frequencies. Lightweight aluminium is chosen for faithful dynamics.
- 2 V-Form technology – an innovative driver cone connection to help maintain driver rigidity and results in a bigger, purer soundstage. Varied surround thickness aids pistonic operation and gives genuine timing improvements.
- 3 High flux density, self shielding neodymium magnet assemblies offer improved sensitivity and better dynamics than conventional tweeter magnets. Powerful Y30 magnets further enhance Aviano's woofer.
- 4 Mordaunt-Short's 20 year expertise in aluminium dome tweeter technology now features computer-modelled housing for improved dispersion characteristics. The tweeter utilises a high temperature voice coil with liquid cooling and damping for controlled high frequency performance and amazing detail.
- 5 New cabinet and driver bracing design provide ultimate rigidity and support.
- 6 Purist crossover design - isolate mounted to minimise distortion. Features premium grade components including high saturation inductors, DVPC (Dual Value Parallel Capacitors) and oversized resistors ensure optimal signal transfer.
- 7 Internal high density wadding for critical damping of standing waves.
- 8 Curved front baffle improves rigidity and dispersion characteristics.
- 9 Sculpted bullet terminals - easy connection using banana plugs, spade terminals or bare cable.
- 10 Rear porting for improved bass characteristics.
- 11 Easily removable front grille.



* Speaker wiring not shown

For more information, to meet the developers,
see full specifications and download our free brochures, visit www.mordauntshort.com/aviano

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Mordaunt-Short's policy is one of continuous improvement. Design and specifications are therefore subject to change without prior notice.
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