

Introducing the brand new Avant 900i Series. Completely re-engineered from the inside-out and now available in a striking new Calvados finish.

Avant 900i Series

Technology overview



Avant 902i

Despite its compact size, the Avant 902i standmount offers a highly impressive performance with a wonderfully large soundstage. The 902i is a rear-ported, two-way bookshelf model which combines mid range resolution and treble clarity with tight, fast low frequency performance.

Avant 903i

For those putting together a specialist home theatre system, bipolar rear channel loudspeakers, such as the 903i are essential, spreading the special effects accurately and naturally around the room. With their 10cm aluminium CPC drive units, cabinet size is kept to a minimum, allowing discreet positioning of these speakers.

Avant 904i

An elegant, floorstanding version of the 902i, the Avant 904i is a two-way loudspeaker designed to deliver the extended bass that only larger enclosures can offer. The rear-ported cabinet ensures a fast, tight bass, which can be further enhanced by ballast loading.

Avant 905i

The Avant range is equally at home with surround sound as it is with stereo. The new Avant 905i centre channel is a case in point. This dedicated centre design has been engineered specifically to handle the demands of movie dialogue.

Avant 906i

The sleek floorstanding 906i presents a stunningly powerful and controlled low frequency performance. Its 2.5 way design delivers a presentation of impressive scale and clarity from a generously proportioned yet elegant cabinet.

Avant 908i

The flagship loudspeaker of the Avant range, the 908i is a three-way design that combines the resolution of smaller models with power, authority and awesome drive. The latter comes thanks to a dedicated, side-firing 25cm long throw woofer, housed in its own enclosure, which is capable of reaching 35Hz.

Avant 309i

Joining the Avant 900i range is a revised digital subwoofer – the new 309i. Delivering powerful and taut low frequencies thanks to its aluminium driver and digital amplification, the 309i remains compact enough to fit seamlessly into any listening room. Rated at 175 watts, it incorporates an 'Adjustable Notch Filter' to enable more flexible control over the 309i's position.

CPC™ aluminium cone technology

CPC (Continuous Profile Cone) technology produces predictable driver performance by ensuring controlled piston-like movement at low frequencies and minimal break up at higher frequencies. Lightweight yet rigid anodised aluminium cones are used for faithful dynamics. This advanced technology, combined with our custom designed sub cone ensures stunningly realistic sound.



V-Form technology

An innovative driver cone connection that creates a bigger, purer soundstage and helps maintain assembly rigidity. The surround thickness varies, aiding accurate pistonic operation and allowing the dish to operate freely, delivering benefits in timing performance.

Aluminium tweeters

Mordaunt-Short uses an advanced 25mm aluminium dome tweeter which the company has been perfecting for 20 years. The ultra thin diaphragm and compression moulded surround is mounted on a low resonance chassis. The tweeter utilises a new high

temperature voice coil with liquid cooling and damping to ensure controlled high frequency performance with excellent detail.

Components

Premium grade components including high saturation inductors, DVPC (Dual Value Parallel Capacitors) and oversized resistors ensure optimal signal transfer on the class leading crossovers.

Critically braced cabinet construction

The Avant 900i's MDF cabinets are critically braced to ensure a consummate balance of damping, isolation and rigidity.

Avant 902i specifications

Recommended amplifier power	15-100 Watts
Drivers	(1) 130mm/5.25" aluminium CPC mid/bass (1) 25mm/1" aluminium dome tweeter
Impedance	4-8
Dimensions (mm/inches) (hxwx d)	290 x 165 x 265 11.4 x 6.5 x 10.4

Avant 903i specifications

Recommended amplifier power	15-100 Watts
Drivers	(2) 100mm/4" aluminium CPC mid/bass (2) 25mm/1" aluminium dome tweeter
Impedance	4-8
Dimensions (mm/inches) (hxwx d)	232 x 202 x 150 8.6 x 8.6 x 5.9

Avant 904i specifications

Recommended amplifier power	15-100 Watts
Drivers	(1) 130mm/5.25" aluminium CPC mid/bass (1) 25mm/1" aluminium dome tweeter
Impedance	4-8
Dimensions (mm/inches) (hxwx d)	800 x 165 x 265 31.5 x 6.5 x 10.4

Avant 905i specifications

Recommended amplifier power	15-120 Watts
Drivers	(2) 130mm/5.25" aluminium CPC mid/bass (1) 25mm/1" aluminium dome tweeter
Impedance	4-8
Dimensions (mm/inches) (hxwx d)	165 x 485 x 200 6.5 x 19.1 x 7.8

Avant 906i specifications

Recommended amplifier power	15-150 Watts
Drivers	(2) 130mm/5.25" aluminium CPC mid/bass (1) 25mm/1" aluminium dome tweeter
Impedance	4-8
Dimensions (mm/inches) (hxwx d)	850 x 165 x 295 33.5 x 6.5 x 11.6

Avant 908i specifications

Recommended amplifier power	15-150 Watts
Drivers	(1) 255mm/10" long throw woofer (2) 130mm/5.25" aluminium CPC mid/bass (1) 25mm/1" aluminium dome tweeter
Impedance	4-8
Dimensions (mm/inches) (hxwx d)	950 x 165 x 340 37.3 x 6.5 x 13.3

Avant 309i specifications

Output power	175 Watts
Drivers	(1) 255mm/10" long throw woofer
Dimensions (mm/inches) (hxwx d)	370 x 370 x 370 14.6 x 14.6 x 14.6



Black

Calvados

Honey Maple

Finishes

All Avant 900i models are available in the current elegant Honey Maple and black finishes and now a striking new Calvados option.

Introducing the all-new Avant 900i



Refining existing and proven speaker technologies, as well as introducing new materials and innovations, the Avant 900i range comprises a wide range of loudspeakers designed for stereo two-channel and multi-channel home cinema applications.

Designed at the company's UK research and development facility, these advanced loudspeakers house a raft of third generation technologies. Revised drivers have been re-voiced to deliver improved high frequency response, as well as greater clarity and detail from the midrange and bass.

For the most acoustically deadened enclosure possible, the cabinets have

been remodelled with heavily revised internal bracing to strengthen the already sturdy cabinet assembly. A new terminal panel offering easier connection of speaker cables and new bullet terminals – directly descended from our flagship Performance speakers – also feature across this new series.

Unlike some manufacturers, Mordaunt-Short doesn't stop designing its products just because they're sonically perfect. We also care passionately how our speakers will look in your home. Subtly contoured, all Avant 900i models feature satin aluminium silver baffles, elegant feet combining spikes and come in

stunning contemporary finishes to complement any home. Continuing this tradition, a stunning Calvados option joins the current elegant Honey Maple and black finishes.

The Avant 900i – a loudspeaker range that looks every bit as good as it sounds.

At the heart of every Mordaunt-Short loudspeaker is our London based research and development team. Our passion for quality is second to none...

Our commitment to engineering excellence

Research and development

Underlining every Mordaunt-Short product is the company's commitment to engineering excellence. Every component in every speaker, even the screws, has been designed by a Mordaunt-Short mechanical engineer. In addition our products are designed and manufactured to ISO9000 standards. Such an uncompromising approach ensures that every Mordaunt-Short product delivers class leading performance.

The passion behind the brand

Mordaunt-Short's London-based research and development team has a wealth of experience. This is backed up by the company's thirty five years at the forefront of loudspeaker manufacture. A dedicated acoustic and mechanical engineering team use a combination of measurement and analysis techniques to make Mordaunt-Short dreams reality. Our people care passionately about the brand and drive the innovation for which we're renowned.



Engineering investment

To maintain our position at the forefront of current loudspeaker design requires significant investment. Every product is developed in a dedicated research and development facility and fully tested in a state-of-the-art listening room.

Before sign-off, each and every loudspeaker is personally voiced by the head of Acoustic Engineering to ensure it's fit to bear the Mordaunt-Short name.



Patented technologies

Mordaunt-Short is committed to engineering and materials innovation. This can be traced back to ground-breaking use of injection moulding in the 1980s, the development of CPC (Continuous Profile Cone) drivers and the new Aspirated Tweeter Technology™ (ATT) from the company's flagship Performance range. Mordaunt-Short holds a plethora of patents, underlining its position at the forefront of loudspeaker design.

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

MORDAUNT-SHORT

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AVANT
900i Series

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