

 **MONITOR AUDIO**[®]
design for sound
Vector series







At Home with Great Sound

Monitor Audio's new Vector range of loudspeakers blends quality you can hear with design that you'll love. By mixing innovative new materials with elite acoustic engineering and with two décor enhancing lacquer finishes and a lustrous wood effect finish, the Vector series gives you the freedom to enjoy great audio in every room.





Performance from Every Angle

Vector is an exceptional range of compact lifestyle loudspeakers inspired by a thirty seven year heritage of technical expertise. We've harmonised the elegant contours of our radical Radius satellite systems and further utilised our MMP®II and C-CAM® technologies to create a beautifully contemporary loudspeaker range for the home. Vector is as easy to install as it is on the eye, yet delivers a scale and fidelity of sound that simply defies expectations.

Occupying the step below our celebrated Radius^{HD} series in the Monitor Audio range, the three-model Vector line-up is destined to raise levels of sophistication and performance at the affordable end of the home speaker market. It comprises a wall-mountable compact satellite, the V10; a matching centre-channel satellite, the V20, and a compact 100W active subwoofer, the VW-8.



Under the Surface

The V10 and V20 cabinets are of high density moulded polymer with a 'soft touch' rubberised skin, which lends a wonderfully novel and tactile quality to the product. The front baffles are of MDF, which are coated in a high-gloss lacquer to match the look of flat TV's, or is finished in an attractive natural Walnut effect grain.

The cabinet's special MDF/polymer mix combines with internal bracing to reduce unwanted resonances for a naturally detailed and rhythmic sound. The use of a single tie-bolt to secure each driver to the back of the cabinet contributes to cabinet rigidity and is responsible for the absence of screw fixings on the fascia, which enhances Vector's stylishly clean, uncomplicated appearance.

Vector's Gold C-CAM® tweeters are the latest refinement of Monitor Audio's advanced Ceramic-Coated Aluminium/ Magnesium driver design, employed successfully by generations of award-winning Monitor Audio speakers.

C-CAM® is an innovative material originally developed by the aerospace industry for use as blades in jet engines. It exhibits ideal qualities for use as a tweeter dome, avoiding the 'break up' or bending modes of more

conventional materials. The C-CAM® dome remains rigid and works more like a pure piston comfortably beyond the audible threshold. Increased efficiency, clarity and reduced distortion result.



Vector's shielded MMP®II (Metal Matrix Polymer) bass/mid drivers use a high pressure injection moulding process to achieve different thicknesses at critical points in the cone geometry. MMP®II provides better stiffness, consistency and tighter production tolerances resulting in superior sonic performance.

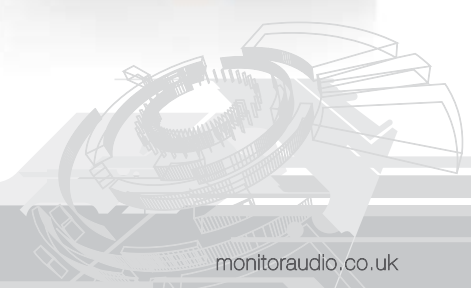




Vector 10

Although the Vector V10 is designed primarily for use with the V20 and WW-8 in an ultra-compact multichannel home cinema package, its unusually deep bass makes it ideal for stereo sound around the home. The V10's compact rear-ported cabinet, just 235mm (9.25") high x 170mm (6.7") wide, houses a 100mm (4") MMP®II bass driver complemented by a 25mm (1") gold C-CAM® dome tweeter to

deliver clear highs and punchy bass lines across a frequency response extending from 65Hz to well over 30kHz. The magnetically shielded mid/bass driver, protected by a perforated metal grille, make the V10 safe for use near sensitive microprocessor equipment or video displays, and from a tabletop or wall location. A single point fixing is provided at the rear for easy bracket fixing.



Vector 20

The compact V20 is a versatile speaker that can be used either horizontally for centre channel home cinema duties or vertically as a left/right satellite in multichannel or stereo applications around the home. Equipped with a 100mm (4") MMP®II bass driver and 25mm (1") gold C-CAM® tweeter, the V20 shares the tonal characteristics of the V10, but its larger cabinet gives it the extended bass response necessary for the accurate reproduction of movie dialogue.

Its front-ported textured polymer cabinet, just 145mm (5.7") high x 355mm (14") wide, contrasts stylishly with the lacquer and wood effect finishes of its front baffle to add a fresh contemporary accent to the design. Located behind rugged perforated metal grilles, the shielded mid/bass driver give you the freedom to install the V20 near sensitive video displays. A recessed terminal panel and threaded 6.35mm (1/4") insert allows for easy wall installation.







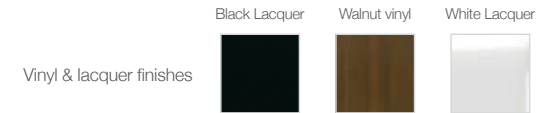
Vector **VW-8**

The new VW-8 is an ultra-compact but awesomely powerful subwoofer equipped with a potent integral 100 Watt class A-B amplifier. The VW-8's rigid, curved and cubic MDF cabinet houses a long-throw 8" driver, which is forward-firing to make the process of positioning the VW-8 as simple and fuss-free as possible. Although designed to underpin the Vector series satellites with deep controlled bass frequencies, the VW-8 will integrate beautifully and easily with any compact, high performance home theatre system by using the variable volume control, wide ranging of crossover adjustment between 45Hz and 150Hz, and its phase switch features.

Stereo line and LFE inputs allow the VW-8 to contribute a seismic dimension to both music and multichannel movie systems. For added convenience, the VW-8's signal sensing feature automatically turns it on and off at either end of a performance.



Vector Series Specifications:



	Vector 10	Vector 20		Vector VW-8
Frequency Response	65Hz - 30kHz	60Hz - 30kHz	Low Frequency Limit	28Hz
Sensitivity (1W@1m) 65Hz - 30kHz ohms	85dB	85dB	Upper Frequency Limit	45 - 150 Hz Variable
Nominal Impedance	8 ohms	8 ohms	Amplifier Output	100 Watts (RMS)
Power Handling Single (RMS)	50W	50W	Amplifier Classification	Class A-B amplifier
System Power Handling (RMS)	80W	80W	Low Pass Filter Alignment	12dB / per octave filter
Recommended Amp. Requirements	10 - 80W	10-80W	Cabinet Specification	Bass Reflex (downward firing port), 18mm (3/4") M.D.F construction
Maximum SPL (dBA)	103	103	Driver Complement	1 x 8" MMP®II long throw subwoofer driver
Bass Alignment	Bass Reflex - Rear Ported	Bass Reflex - Front Ported	Input Impedance	20K ohms
Drive Unit Complement	1 x 100mm (4") MMP®II cone mid-bass driver. 1 x 25mm (1") C-CAM® gold dome tweeter	1 x 100mm (4") MMP®II cone mid-bass driver. 1 x 25mm (1") C-CAM® gold dome tweeter	Mains Input Voltage (factory preset)	110 - 120 Vac / 220 - 240 Vac 50/60Hz
External Dimensions (H x W x D) mm (Inches)	235 x 145 x 170 (9 1/4 x 5 11/16 x 6 11/16)	145 x 355 x 170 (5 11/16 x 14 x 6 11/16)	External Dimensions (H X W X D) mm (Inches) Inc. Feet	320 x 280 x 280 (12 5/8 x 11 x 11)
Weight (each) Kg (lbs)	2.17 (4.77)	2.66 (5.85)	Weight (Each) Kg (lbs)	10.8 (23.8)



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