





Evolutionary theory

There are two ways you can look at B&W's new VM6 speaker (and we don't just mean vertically and horizontally). The first is to see it as a high quality speaker that's been designed specifically to partner the new generation of flat-panel televisions. The other way is to think of it as a speaker that flat-panel TVs finally deserve to line up alongside.

It's taken a while but the picture quality of the best LCD and plasma screens has only recently come close to matching the quality of sound from B&W speakers. The VM6 delivers cinema sound so crisp and lifelike, you'll feel like you're in the midst of the action. Even as a pair in a stereo music arrangement, VM6s bring music to life so vividly that, just by closing your eyes, you'll feel part of the band or orchestra.

On the outside, the VM6's soft, rounded profiles make it a natural partner for the latest flat-panel TVs. The advanced technologies on the inside make it a match for the most demanding movies and music.



Morten Warren, founder of Native and designer of VM6



Behind the scenes

It can take years to put a great movie on the screen; it can take even longer to make a great speaker. The technologies that lie behind the VM6's cinematic sound have been developed and distilled over 30 years by engineers and scientists at the B&W Research Establishment in Sussex, England, better known around the world as the University of Sound.

We work continuously with the most demanding users, including recording studios such as Abbey Road and Skywalker Sound, to develop our reference-level speakers. Award-winning film soundtracks and albums are still recorded through B&W 801s, for example, three iterations on from the speaker's original, revolutionary version of 1979. The technologies developed for our leading-edge speakers are then deployed in more accessible form in mainstream speakers such as the VM6.

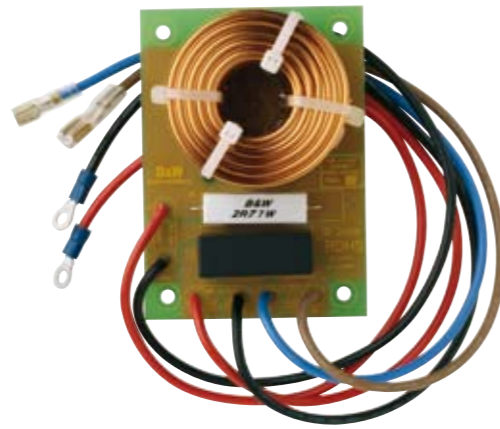
Trust B&W with your movie sound. The people who make the movies already do.



Derived from the world's best production speaker, the B&W Nautilus™, the VM6's tube-loaded tweeter dome has a liberating effect on high frequencies. Within the cabinet, behind the flat facade, a tapering tubular tail spirals excess sound energy into an acoustic black hole, allowing recorded sound to disperse freely into a truly three-dimensional sound 'image'.



As resistant to cone 'break-up' as it is to gunfire, Kevlar® has become a trademark of B&W bass/midrange drive units. First developed for bulletproof vests, the woven fabric was a revelation in lab tests, dissipating the concentric standing waves that cause unwanted sound coloration. Years of refinements of resins, damping materials and cone geometries have only heightened our cone's purity of delivery.



When the integration of a speaker's mechanical components – its drive units, port and internal structure – is as complete as in the VM6, and delivers music with such purity and integrity, there's less need for electronic adjustment. Our first-order crossover comprises just a single component, selected after dozens of painstaking listening tests. We couldn't make it any simpler. Or any better.



Getting the breathing right is a serious business for singers, movie actors and speakers. Ports are the lungs of a loudspeaker, regulating the pressure inside the cabinet and allowing drive units to give full voice to their respective parts. Thanks to the dimples in its curved surface which reduce turbulence, B&W's Flowport lets air oscillate in and out of the cabinet smoothly, minimising the 'chuffing' sounds that afflict conventional designs.

Visionary sound

For seamless home cinema, the VM6 presents B&W's world-leading speaker technologies in a cabinet that mirrors the styling and dimensions of leading flat-panel TV screens. For the first time, you can enjoy sound and vision of the same high quality, from hardware that's in harmony, too. The VM6 can stand upright or sit horizontally, in the front, rear and centre positions of a home cinema set-up. Teamed with a revolutionary B&W PV1 subwoofer, they'll add a new dimension to your experience of home cinema.



Upwardly mobile

Compared with other high quality stereo speakers, the vertically-inclined VM6 delivers superlative sound from a slimline cabinet with a much smaller footprint. On a tabletop or shelf, it takes up no more room than a vase. It can also be mounted with ease on a wall or on a specially-designed floor stand. Wherever you put your VM6s, you'll get outstanding, upstanding stereo.



PV1

The PV1 is B&W's iconic, award-winning compact subwoofer that will transform the performance of any home theatre installation or two-channel set-ups.

In designing the PV1, we ignored convention in the form of flat-sided subwoofers. We looked to nature for inspiration and, instead of making a box, we made a bubble.

The PV1 is a beautiful solution to the problems that plague conventional subwoofers. In a normal, flat-sided sub, the tremendous air pressures generated at higher output levels tend to stress the panels of the cabinet, setting up resonances that can ruin performance.

In the PV1, those pressures are dispersed evenly around a rigid, continuous shell, reducing unwanted vibrations to a bare minimum. It never does a wobbly at high volumes. All you hear is unimpaired bass that expands and deepens every listening experience. A big sound from a small bubble.



The PV1's added stability means it can be pushed just that bit farther. The symmetrical, back-to-back mounting of its twin drive units keeps the subwoofer perfectly balanced and anchored to the floor. So there's no rattle when it rumbles. The back-to-back arrangement also

further improves the distribution of pressure inside the speaker. No matter how hard you rock the PV1, it won't roll a bit.

Recommended systems

Equipped with B&W's trademark Kevlar® bass/midrange drive unit and a tweeter that can reach far higher than human hearing, the VM6 is an outstanding multipurpose speaker. Occupying all five positions in a home theatre set-up, it will bring the action right into your living room. In a stereo installation, with or without a subwoofer, it will add extra dynamism and presence to your music, too.



Create a high quality home theatre installation for medium-sized to larger rooms by deploying VM6s in 5.1 configuration with a PV1 subwoofer, whose 500W ICEpower® amplifier and back-to-back 8" drivers will complete a truly cinema-sized sound.



For sound that combines power, precision and the warmth of the original performance, match two VM6s with B&W's sensational PV1 subwoofer for a simple 2.1 home cinema configuration. The VM6 superb imaging and projection will still create a truly cinematic sound.



For music purposes in a traditional hi-fi system, a lone pair of VM6s will create a vivid stereo image and offer all the bass extension and detail you need to experience your favourite music afresh.

Society of Sound



So, that's it. Or is it? At B&W, the pursuit of perfect sound continues. For over 40 years, we've been dedicated to creating a loudspeaker that neither adds nor takes away from the recorded sound. In the process, we've become a world leader, developing award-winning speakers. It's a passion. Thankfully, we're not alone. There are others – musicians, technicians, critics, customers – who are as dedicated as we are. And now, we're coming together to share knowledge, insights and our love of sound. You can join this global network, too, and get closer to your movies and music. Come to www.bowers-wilkins.com to find out more and to join the Society of Sound.





VM6

Technical features	Nautilus™ tube loaded aluminium dome tweeter Kevlar® brand fibre cone bass/midrange Flowport™ Wall bracket and table stand included	
Description	2-way vented-box system	
Drive units	1x ø25mm (1 in) aluminium dome high-frequency 1x ø130mm (5 in) woven Kevlar® cone bass/midrange	
Frequency range	-6dB at 49Hz and 50kHz (against rear wall)	
Frequency response	55Hz – 22kHz ±3dB on reference axis (against rear wall)	
Dispersion	Within 2dB of reference response Horizontal: over 60° arc Vertical: over 10° arc	
Sensitivity	86dB spl (2.83V, 1m)	
Harmonic distortion	2nd and 3rd harmonics (90dB, 1m) <1% 110Hz – 22kHz	
Nominal impedance	8Ω (minimum 4.9Ω)	
Crossover frequency	4.5kHz	
Recommended amplifier power	30W – 100W into 8Ω on unclipped programme	
Max. recommended cable impedance	0.1Ω	
Dimensions	Height:	660mm (26 in) speaker only and on wall bracket 709mm (27.9 in) on table stand
	Width:	180mm (7 in) speaker only and on wall bracket 205mm (8.1 in) inc. table stand
	Depth:	105mm (4.1 in) speaker only 124mm (4.9 in) on wall bracket 205mm (8.1 in) inc. table stand
Net weight	Speaker:	4.1kg (9 lb)
	Wall bracket:	0.16kg (0.35 lb)
	Table stand:	1.3kg (2.9 lb)
Finishing	Speaker	Cabinet Black Grille cloth Black
	Table stand	Base Black Stem Silver
	Floor stand	Base Silver Stem Silver
VM6 Floorstand		
Dimensions	Height:	618mm (24.3 in)
	Width:	290mm (11.4 in)
	Depth:	290mm (11.4 in)
Net weight	6.9kg (15.2 lb)	
Finishes	Black	Silver



PV1

Technical Features	Pressure vessel enclosure 500W ICEpower® amplifier Switch mode power supply		
Description	Active closed-box subwoofer system		
Drive unit	2x ø200mm (8 in) mica/aluminium diaphragm long-throw		
Frequency range	-6dB at 18Hz and 40/140Hz adjustable (EQ at i)		
Frequency response	±3dB 21Hz – 31/110Hz adjustable (EQ at i)		
Amplifier	Power output:	500W	
	Rated power consumption:	110W (105W – 100V version)	
	Input impedance:	100kV	
	Signal / noise:	>90dB	
	Functions:	Volume level Low-pass filter frequency Bass roll-off alignment Auto sense on/standby Phase switch	
	Inputs:	Line In (RCA Phono) Speaker Level In (FCC68 4/4)	
	Outputs:	Link Out (RCA Phono)	
Low-pass filter	Active 2nd -order, variable cut-off frequency (applies only to speaker level input)		
Dimensions	Height:	335.5mm (13.2 in)	
	Width:	289mm (11.4 in)	
	Depth:	347mm (13.7 in)	
Net weight	20.5kg (45 lb)		
Cabinet finishes	Black	Silver	White
Trim	Black	Mid grey	Chrome
Drive Unit	Charcoal	Silver	Silver
Base/Control	Black	Mid grey	White



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