

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

Monitor **series**



Monitor series.

Monitor Audio builds high performance loudspeakers to suit every budget and system requirement, be it two-channel Hi-Fi, multi-channel AV or fully integrated. Drawing directly on Monitor Audio's 35 years at the leading edge of metal drive unit technology, the models in the Monitor Series have been designed to deliver nothing less than benchmark shattering performance, aesthetic appeal and finish.

The budget speaker is dead. Welcome to the new Monitor Series.

Innovation.

Nothing has been carried over, nothing modified or tweaked. The Monitor series bass-mid drive unit, with its professional-grade 8-point cap-head bolt fixings, is new from front to back. MMP[®]II is an advance in driver technology developed from Monitor Audios original MMP[®] (Metal Matrix Polymer) cone material and uses a high-pressure injection moulding process to achieve different thickness at critical points of the cone geometry. MMP[®]II provides better stiffness and consistency and tighter production tolerances resulting in superior sonic performance.

The new bass-mid chassis design has a vented rear section that reduces thermal power compression to deliver increased dynamic range and higher sound pressure levels. This venting also lowers distortion by



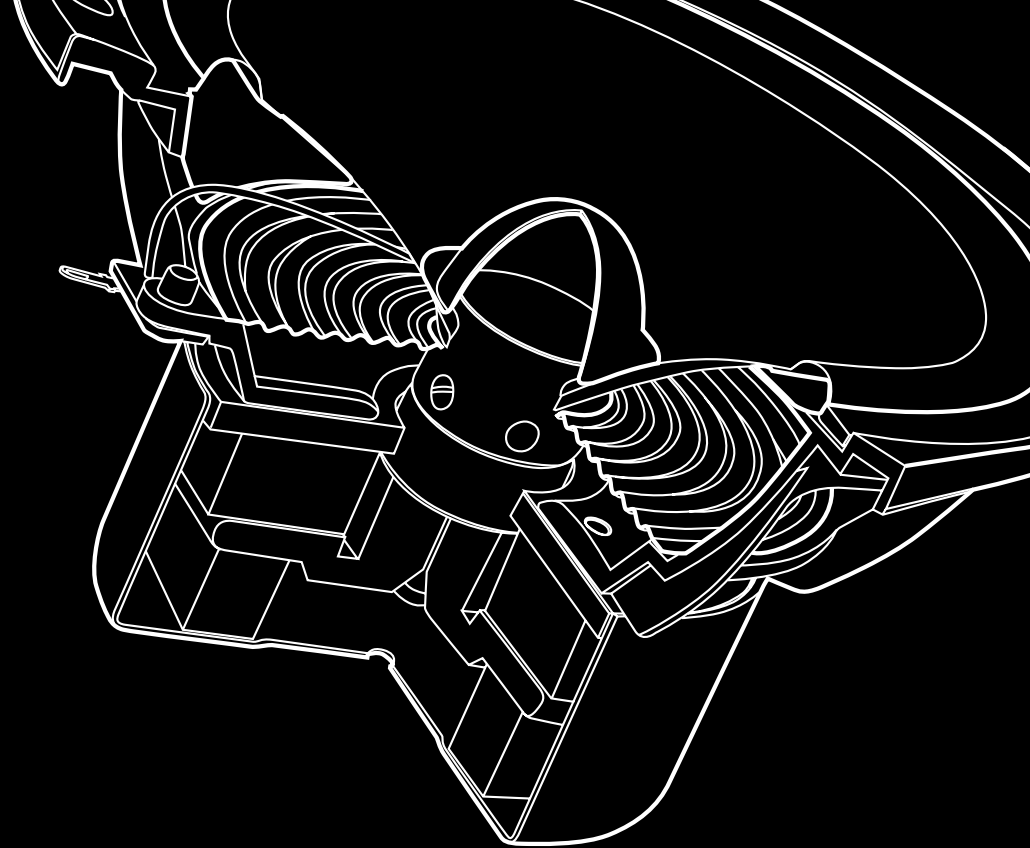
balancing the pressure within the motor system. It means clean, crisp bass and an even clearer midrange.

High frequency performance has been improved in line. The original Bronze series was praised for the clarity, extension and smoothness of its Gold Dome C-CAM[®] tweeter. But the new Monitor series sets even higher standards.

Further development of the C-CAM[®] tweeter - in particular the profiling of its surround and a new front plate design - has resulted in a still smoother response and better dispersion.



The emphasis on sound quality and engineering follows through to the crossover which uses high grade polypropylene film capacitors, a low distortion-laminated core and air core inductors. And to the new reflex port design. The inside of the tube has a smooth, soft rubberised coating which greatly reduces air turbulence and unwanted noise. Faster transfer of air results in tighter, more precise bass performance.



M1

Don't be fooled by the size. The baby of the Monitor series delivers a sound that's anything but small, rivalling far more costly 'compact monitors' for bass extension, mid-range resolution and precise imaging within a stunningly open soundstage.

Rigid, low diffraction cabinet design and the superbly effective combination of Monitor Audio's 5.5-inch MMP®II bass-mid driver and C-CAM® tweeter are the keys to the M1's exceptional performance and versatility in both stereo and multi-channel applications.



M2

The M2, is 2-way design intended for stand or shelf mounting. Its 6.5-inch MMP®II bass-mid driver is unique to it and designed to deliver punchy, powerful bass and transparent mid-range right up to the cross-over point with the tweeter at 2.8KHz. Special figure eight internal bracing gives very rigid construction, helping the M2 to achieve a clean, un-boxy sound reminiscent of high end speakers using very heavy or high-tech construction techniques. The front-ported design makes siting less critical than with many rivals speakers.

The Monitor M2 can be placed close to a rear wall without the bass becoming boomy - a big advantage in smaller rooms.

M4

A svelte 2 1/2-way floorstander, the new M4 builds on the considerable musical strengths of the M2 by providing greater bass extension and weight. Rigid construction is again key to achieving the clean, un-boxy sound.

The M4 employs multiple bracing positioned at critical resonance nodes. The two 6.5-inch MMP®II drivers have been designed specifically for the M4. The lower unit handles bass only, the other provides punchy upper bass and a clear, natural mid-band right up to the crossover point with the tweeter at 2.6 KHz. Unlike the M2, Monitor M4 has a reflex port at the rear as well as the front. This is to provide maximum airflow at low frequencies and reduces air pressure that can lead to bass compression effects.

For medium to large rooms or systems dedicated to home cinema, the rear port can be blocked with a foam bung to tailor the bass response. This allows greater placement flexibility in smaller rooms. The effects are lower bass extension at the expense of bass impact. New high quality machined cone floor spikes provide a stable platform and excellent isolation.







Mcentre

The M centre is the vital aesthetic and sonic link in any Monitor series-based home cinema or multi-channel music system, bringing extra solidity, depth and realism to the front soundstage, especially with dialogue. Recognising that the centre is often the hardest working speaker in an AV system, the new M centre has been designed with two 5.5-inch MMP®II bass-mid drivers that hand over to the C-CAM® tweeter at 2.6KHz. A special crossover network ensures the M centre has excellent vertical and horizontal off axis frequency response, eliminating the need for a 'hot seat' listening position and integrating smoothly with the Monitor M2, M4 or M6 in a home theatre set-up. An easy amplifier load, the M centre will get the best from even lower powered AV amplifiers (receivers). It can be driven to respectable levels with a modest 20 Watts.



M6

The Monitor 6 extends the musical reach of the marque by providing a still wider bandwidth, high power handling, greater efficiency and more effortlessly realised dynamics. No fewer than three MMP®II drivers share the frequencies right up to the crossover with the C-CAM® tweeter. The lower unit handles deep bass, the other pair provide punchy upper bass and the signature Monitor Audio mid-band response.

A beautifully crafted rigid cabinet, 3-D contoured grilles and reflex port technology complete a worldclass speaker design, which delivers unprecedented effortlessness, bass weight and extension.



MSW-10

The MSW-10 is an ultra-compact but awesomely powerful subwoofer equipped with a potent integral 100 Watt class A-B amplifier. The MSW's rigid, curved and cubic MDF cabinet houses a long-throw 10" driver, which is forward-firing to make the process of positioning the MSW-10 as simple and fuss-free as possible. Although designed to underpin the Monitor series standmount and floorstanding speakers with deep controlled bass frequencies, the MSW-10 will integrate beautifully and easily with any compact, high performance home theatre system by adjusting its variable volume control, its wide range of crossover adjustment between 45Hz and 150Hz, and its phase switch.

Stereo line and LFE inputs allow the MSW-10 to contribute a seismic dimension to both music and multichannel movie systems. For added convenience, the MSW-10s signal sensing feature automatically turns it on and off at either end of a performance.



Monitor series specification.

	M1	M2	M4	M6	MCentre		MSW-10
Frequency Response	55Hz - 22kHz	42Hz - 22kHz	36Hz - 22kHz	34Hz - 25kHz	60Hz - 22kHz	Low Frequency Limit	28Hz
Sensitivity (1W@1m)	88dB	90dB	91dB	91dB	91dB	Upper Frequency Limit	45-150 Hz Variable
Nominal Impedance	6 ohms	6 ohms	6 ohms	6 ohms	8 ohms	Amplifier Output	100W (RMS)
Power Handling Single (RMS)	70W	100W	150W	200W	120W	Amplifier Classification	Class A-B amplifier
Bass Alignment	Rear ported bass reflex.	Front ported bass reflex.	Front & rear ported bass reflex.	Front & rear ported bass reflex.	Sealed cabinet.	Low Pass Filter Alignment	12dB / per octave filter
						Cabinet Specification	Bass Reflex 18mm (3/4") M.D.F construction
Drive Unit Complement	1 x 155mm (5 1/2") MMP®II mid-bass driver 1 x 25mm (1") C-CAM® gold dome tweeter	1 x 165mm (6 1/2") MMP®II mid-bass driver 1 x 25mm (1") C-CAM® gold dome tweeter	1 x 165mm (6 1/2") MMP®II mid-bass driver 1 x 165mm (6 1/2") MMP®II bass driver 1 x 25mm (1") C-CAM® gold dome tweeter	2 x 165mm (6 1/2") MMP®II mid-bass driver 1 x 165mm (6 1/2") MMP®II bass driver 1 x 25mm (1") C-CAM® gold dome tweeter	2 x 140mm (5 1/2") MMP®II mid-bass driver 1 x 25mm (1") C-CAM® gold dome tweeter	Driver Complement	1 x 10" long throw subwoofer driver
						Input Impedance	20K ohms
External Dimensions (H x W x D) mm (Inches)	260 x 165 x 180 (10 1/4 x 16 1/2 x 7)	350 x 185 x 255 (13 3/4 x 7 1/4 x 10 1/16)	850 x 185 x 255 (33 1/2 x 7 1/4 x 10)	970 x 200 x 300 (38 3/16 x 8 x 12)	164 x 460 x 163 (6 1/4 x 18 1/8 x 6 1/2)	Mains Input Voltage (factory preset)	110 - 120 Vac / 220 - 240 Vac 50/60Hz
						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)	9.5 (21)	13.5 (30)	14 (30.5)	21 (46)	7.3 (16)	Weight (Each) Kg (lbs)	10.8 (23.8)



Black vinyl



Vinyl finish:





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