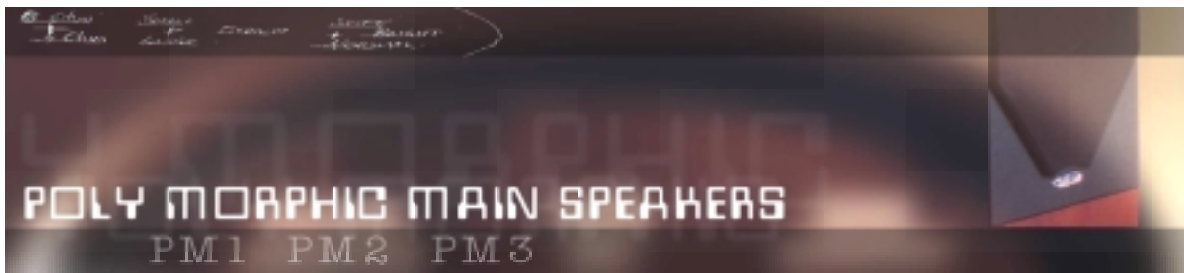




A N Y P L A C E A N Y T I M E



A D A P T I V E T E C H N O L O G Y I N Y O U R H O M E

The **Subsonic Polymorphic Technology** hi-fi range of loudspeakers (PM 1, PM 2, PM 3) are undoubtedly a range designed to excel in all areas, and remove most of the usual problem associated with matching loudspeakers to your home and system.

Twenty five years of combined experience in designing loudspeakers has taught us that no one speaker design is ideal since listening rooms vary so widely in their acoustic character and have a larger effect on sonic performance than any other part of your audio system.

Design Philosophy

The Polymorphic design philosophy involved trying to identify and classify these main acoustic variables within many different but typical listening environments. This led us to several classes of loudspeaker design which worked very well in these different conditions. The breakthrough was to build and offer these designs in one complete package - the Polymorphic's. These loudspeakers thus ensure you get the optimal performance regardless of where you set them up!



Polymorphic variables

- outstanding versatility

The 'Room Size' switch will allow you to use your PM loudspeakers in any sized room. Often loudspeakers sound boomy in smaller rooms or too lean in larger rooms, but with the PM loudspeakers they will always sound clean, accurate and musical whatever the room size.

The 'Room Acoustics' switch will compensate for your room furnishings. Whether you have a room with lots of tiles and glass (which can make loudspeakers sound too bright) or a room with heavy drapes and carpets (a 'soft' sounding room), the PM's can always be tuned to sound balanced and natural.

The 'Speaker Impedance' switch will make sure that your speaker impedance will match the specified minimum impedance required by your amplifier. Some amplifiers allow 4 ohm loudspeakers, others specify a minimum of 8 ohms. With the PM's you can always match your loudspeakers to your amplifier.

The versatility of tuning also makes allowance for subjective tastes and hearing. The Polymorphic switches can be used to match your personal musical tastes as closely as possible.

The PM's are great for home cinema as well as music. The same drivers are also used in the Subsonic Polymorphic centre speaker, and rear speakers, providing one of the best tonally matched systems available on the market today. This is perfect for Dolby Digital and AC-3 where a seamless transition is essential between all 5 loudspeakers. Using the Polymorphic switches on your Polymorphic mains, centre and rears, you can tailor the sound to any room size or type for optimum performance.

The PM's are all 100% magnetically shielded which makes them ideal if your loudspeakers need to be placed right next to a television, avoiding any of the usual screen discolouration and damage caused by many of today's conventional loudspeakers.

Construction - superbly engineered

Construction in all areas of the PM's is world class. Using an innovative construction design allows the PM's to excel in purity and realism.

A great deal of performance depends on providing the drivers with an acoustically rigid and inert platform from which they radiate the audio image. The drivers are not just screwed in, but are clamped into machined receptacles and held there with a tightly compressed pad and clamp. Thus degrading resonance in the frame of the driver is suppressed and the baffle resonance factor is significantly damped.

The elegant sloping front further assists in time aligning the drivers for critical on axis listening as well as helping to break up standing waves from within the cabinet. 360 degree bracing is also employed for an extremely clean, natural sound.

In all these ways the baffle and cabinet is transformed from being simply necessary, into an extremely effective and stable sonic projector. It is such combinations of attention to acoustic and aesthetic detail that makes the PM's such a special product.

SuBsonic A/V

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Transducers and Crossovers

High technology specifications and measurements while important can never explain fully what we like about the sound of a loudspeaker. This makes the development and improvement of drivers a particularly intensive and skilled task.

The Subsonic black fibre 6" bass mid driver is a second generation version of our favorite Subsonic propriety driver. This ultra light weight cone is capable of extraordinary detail while using components of such quality as to render them virtually bulletproof.

Subsonic tweeters employ aluminium voice coils instead of regular copper. While more expensive to produce than conventional tweeters, the ultra light assembly responds almost perfectly to the signal resulting in a smoother yet more detailed response, and vocals that retain their natural, real-life character. The wide dispersion dome and horn shaped baffle lens produce imaging that is startlingly precise, with incredible depth in the sound staging, resulting in amazingly 'live' sounding loudspeakers.



Huge air-cored inductors and poly propylene capacitors are used throughout the crossover allowing for a much cleaner signal. The PM's are also bi-wireable so you can bi-wire or bi-amp your loudspeakers for superior sound quality with the gold-plated bi-wiring binding posts.

A beautiful product

Finished in Blackwood or Jarrah timber veneer and individually hand built and hand polished, the PM's can beautifully compliment your decor and equipment, as a product that is both visually and aurally captivating.

Subsonic is proud to be the first to offer this level of state of the art technology in a home grown Australian product - beautiful looking, incredible sound, and suitable for practically any application. Put them on your short list for loudspeakers to audition and find out for yourself how good the Polymorphic range of loudspeakers really are.



PM 1

PM 1

Description	Poly Morphic 4 way 4th order vented box system
Frequency Response	29Hz to 22Khz + - 3db (-10db @ 25Hz)
Efficiency	(2.83V Input at 1m) 91 db
Harmonic Distortion	< .05% @ 3KHz (90 db, 1m, 3rd)
Nominal Impedance	Switchable 4 OR 8 Ohms
Drive unit details	3 x Gen2 6inch Woofers, 1 x Gen2-25mm, soft dome, Aluminium coil HF unit
Cabinet Style	Braced, 18mm MDF, Bass Reflex loading, Real wood veneer, Acoustic Aligned Baffle
Recommended Amplifier Power	25W to 150W
Dimensions (mm)	965(H)x 230(W)x 395(D)
NET WEIGHT	23Kg
FINISHES	Black or Jarrah Wood
ADDITIONAL FINISHES	Non Standard finishes available. Contact us for details
Magnetic Shielding	Full Magnetic Shielding on all drivers



PM 2

PM 2

Description	Poly Morphic 3 way 4th order vented box system
Frequency Response	33Hz to 22Khz + - 3db (-10db @ 27Hz)
Efficiency	(2.83V Input at 1m) 90 db
Harmonic Distortion	< .05% @ 3KHz (90 db, 1m, 3rd)
Nominal Impedance	Switchable 4 OR 8 Ohms
Drive unit details	2 x Gen2 6inch Woofers, 1 x Gen2-25mm, soft dome, Aluminium coil HF unit
Cabinet Style	Braced, 18mm MDF, Bass Reflex loading, Real wood veneer, Acoustic Aligned Baffle
Recommended Amplifier Power	25W to 125W
Dimensions (mm)	965(H)x 230(W)x 295(D)
NET WEIGHT	18Kg
FINISHES	Black or Jarrah Wood
ADDITIONAL FINISHES	Non Standard finishes available. Contact us for details
Magnetic Shielding	Full Magnetic Shielding on all drivers



PM 3

PM 3

Description	Poly Morphic 3 way 4th order vented box system
Frequency Response	39Hz to 22Khz + - 3db (-10db @ 34Hz)
Efficiency	(2.83V Input at 1m) 90 db
Harmonic Distortion	< .05% @ 3KHz (90 db, 1m, 3rd)
Nominal Impedance	Switchable 4 OR 8 Ohms
Drive unit details	2 x Gen2 6inch Woofers, 1 x Gen2-25mm soft dome, Aluminium coil HF unit
Cabinet Style	braced, 18mm MDF, Bass Reflex loading, Real wood veneer, Acoustic Aligned Baffle
Recommended Amplifier Power	25W to 125W
Dimensions (mm)	795(H)x 230(W)x 295(D)
NET WEIGHT	16Kg
FINISHES	Black or Jarrah Wood
ADDITIONAL FINISHES	Non Standard finishes available. Contact us for details
Magnetic Shielding	Full Magnetic Shielding on all drivers