

## CENTRE SPEAKER

# SubSonic PC-1

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The Polymorphic range offers a series of SubSonic surround speaker options that cover most responsible price points. In addition to the sensational PC-1 centre speaker, it comprises the PM-1, PM-2 and PM-3 front speakers and the PR-1 rear speakers.

Fundamental to the PC-1's makeup is Polymorphic Technology. This is actually a combination of several technologies and strategies in speaker design - impedance switching, room size tailoring, room acoustics compensation and complex phase dispersion. These combine to provide outstanding control over operation and are found featured through the entire Polymorphic range.

The designers at SubSonic wanted to circumvent the usual problems and limitations associated with conventional speakers. They found the majority of customers had criticisms of speakers: they sound very different in different sized rooms; room absorption can cause havoc with loudspeakers; many amplifiers specify that the loudspeakers connected be a minimum impedance of 8 ohms; and people want the speaker to fit in with their room, rather than vice versa.

As a result, SubSonic developed a centre channel speaker that offers several exceptional speaker technologies that make it user friendly, able to be tailored to suit the specific needs and tastes and matched with the diverse requirements of today's home theatre environments. Three Polymorphic Technologies functions that apply are: room acoustics switching, which varies the amount of presence created by the PC-1; impedance switching between 4 or 8 ohms; and room size selection, which alters bass performance based on room dimensions.

This PC-1 centre has been designed from the ground up to provide an open sound stage, extremely wide horizontal and vertical dispersion, to suit any room and a sound big enough to match it with any size screen you want to throw at it. The speaker uses a special Field Dispersion design, which combines a precise tri-panel array incorporating three tweeters and two

midrange/woofer drivers.

Magnetically shielded drivers are used (the same as the rest of the Polymorphic speakers) in the system and installed in a reflex loaded cabinet for bass efficiency. Importantly, the PC-1 has been designed for full range reproduction, and the result is robust sound with healthy extension in both spectrum extremes.



viewing for most people isn't action-oriented, a speaker needs to be able to relay all sound information on a soundtrack, not just the loud segments. This is where the PC-1 comes into its own - it relays dialogue and all other centre channel sound with startling clearness and detail, and projects it within an impressively three-dimensional sound stage. It's a centre speaker that has definitely been

igned properly, to handle the copious amounts of information that movie sound tracks can and do throw at it.

The outstanding aspect of the Polymorphic system is

**Quite simply, this is the best centre speaker DVD Now has heard ... and it's designed and made right here in Australia!**

Polymorphic technology switches are located for easy and quick adjustment on the front panel. They are clearly labeled and laid out and feel positive to use. It's clear that attention to build quality is outstanding and that construction of Polymorphic speakers is easily as good as it gets.

Heavy-duty gold plated high quality binding posts provide cable connection and also a bi-amping or bi-wiring option. The crossover network uses air-cored inductors and polypropylene capacitors because they provide a clearer signal path for the sound. The unit is also finished in Blackwood or Jarrah timber veneer with hand assembly and hand polishing as standard.

The Polymorphic technology operates effectively, if a tad on the subtle side. But where some manufacturers apply technology just to make it evident, SubSonic implements it for maximum effectiveness.

Since the majority of movie

that all the information is presented without you being blasted out of your seat, so in many ways it's better and much more enjoyable than conventional cinema (and less fatiguing). While dialogue was rooted to the on-screen action it is presented across an incredibly wide listening area, so there's no need to fight for the listening "sweet spot".

The PC-1 is a personal favourite, and for many more reasons other than the fact I can sit my TV on top of it. There are great sounding centres out there that don't have this facility. It's the icing on the cake, though you need a large room to accommodate it.

The beauty of the Polymorphic design is that if you like what you hear in-store, there's a better chance than with many competitors that you'll like it as much and probably more when you get it home.

Quite simply, this is the best centre speaker we at DVD Now have heard thus far and deserves more than mere accolades. It's also solidly made and it's designed and made right here in Australia.

## FEATURES

- Polymorphic technology
- Tri-plane (Field Dispersion) front baffle configuration
- Magnetically shielded drivers
- Real wood veneer cabinet finish
- 18mm MDF cabinet construction

## PROS

Polymorphic technology  
Field dispersion design  
Flexibility, adaptability, versatility  
Excellent sound quality  
Superb construction

## CONS

Costs a little more than run-of-the-mill centre speakers

## SPECS

PC-1 centre speaker  
Price: \$1,299 (including GST)  
Frequency Range: 39Hz to 22kHz within 6db  
Sensitivity: 90 db (1W @ 1 metre)  
Impedance: 6 ohms nominal  
Power Rating: 25-125 watts RMS  
Dimensions: 330(h)x750(w)x520(d)  
Weight: 16kg

## DISTRIBUTOR

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Coniston NSW 2500  
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## RATINGS

Performance: 9/10  
Build Quality: 9/10  
Operation: 8.5/10  
Features: 10/10  
Value: 8.5/10

## FOCUS ON

Polymorphic technology and the field dispersion design, which help make the speaker work with different conditions and systems.