

*se*  
series



**ATL™**  
Advanced Transmission Line



**PMC®**





Wisseloord Studios - one of the world's leading music production facilities, PMC equipped



A message from Peter Thomas –  
arguably the world's smartest loudspeaker designer and a  
truly obsessive audiophile



Peter Thomas  
Owner & Chief Designer



"With the new *se* editions we have improved the performance of the critically acclaimed IB2, MB2 and BB5 models even further, so the most discerning of audiophiles can delve deeper into the heart of the music and experience the purest essence of the artist's intentions, capturing that moment in time from the studio."

# Pure audio indulgence

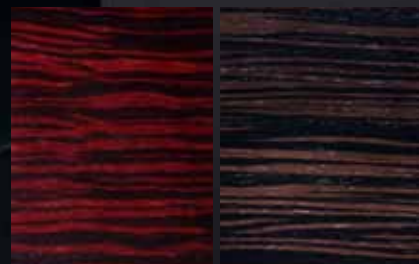


Building on the state-of-the-art performance of PMC's high-end three-way reference monitors; the IB2, MB2, BB5 and the twin-cabinet MB2 XBD, the *se* range combines the finest traditions of British cabinet-making and cutting-edge acoustic research and development techniques. Music lovers can enjoy even greater levels of musicality while appreciating the aesthetic beauty of these special edition models. Meticulous attention has been applied to hone the designs to new standards, adding new internal bracing, computer-modeled driver dispersion surrounds, and custom-designed, specially tuned stands. All these elements contribute to the production of a purer musical signal, allowing the listener to come as close as possible to the original performance.

The build quality is what you've come to expect from PMC: without compromise. Hand-selected Rose and Rich Macassar veneers integrate perfectly with the high-performance, dedicated stands, and the renowned PMC 75 mid-range driver has been enhanced by an innovative new profiled dispersion flange, hewn from a solid aluminium billet, which is unique to these speakers and further enhances the delicacy of the mid-range presentation. The drive units feature a new soft-feel Nextel™ coating to provide a luxurious, homogeneous finish to all of the units in the cabinet, and the custom-designed, British-made binding posts and linking bars featured on the terminal panel are also typical of the careful attention to engineering detail which has gone into the *se* range.



Completing the aesthetic, the custom-designed stands are finished in a matching veneer and fitted with large-spun precision spikes, providing a firm foundation for the speakers to work to their optimum performance.



Rose Macassar

Rich Macassar

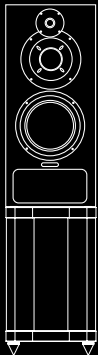
# IB2 *se*

No other loudspeaker of the IB2's size can compete with its transparency or dynamics. The combination of the legendary PMC75 mid-range driver and mighty 10-inch piston driver results in exhilarating, emotional performances that will satisfy the most discerning audiophile and music lover.

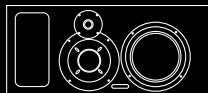
The IB2's roots lie in the professional studio realm, where it has become the reference for the world's leading music-makers and producers, including Kraftwerk, Japan's premier studio JVC, and Teldex of Berlin, who record for the premier classical label Deutsche Grammophon.



Rose Macassar



IB2 *se*



IB2-C *se* (centre channel)

Every element of an *se* is measured, recorded and then lovingly hand assembled in the UK.



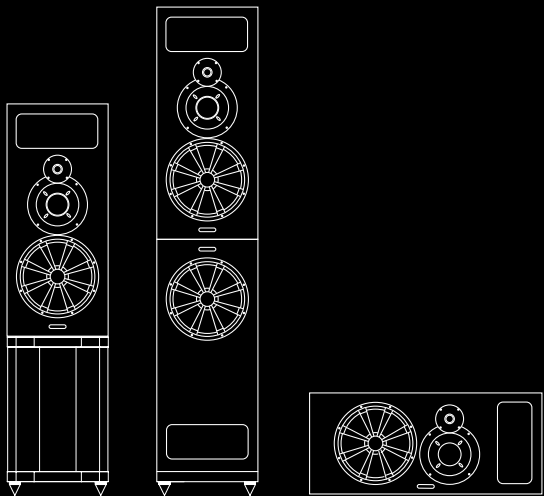
The innovative profiled dispersion flange, hewn from a solid aluminium billet, for the renowned PMC 75 driver further enhances the delicacy of the midrange presentation.



# MB2 *se*

The MB is the mid-sized model in the *se* range and delivers all the emotion and clarity of the 1B2 with the ability to resolve even greater bass detail; it can produce low-frequency audio down to a staggering 20Hz with ease. The radically engineered Radial™ bass unit with its immense exo-skeleton offers excellent physical and thermal stability; the cone has a perfect rigid structure, permitting enormous excursions, and the exposed fins act as a heat sink, keeping the coil cool at all times.

For those who crave greater depth and the feeling of limitless scale, the twin-cabinet MB2 XBD *se* is the solution. This true reference-quality monitor will make a statement in terms of performance and physical stature.



MB2 *se* MB2 XBD *se* MB2-C *se* (centre channel)

Rich Macassar

Large spun precision spikes complete the aesthetic and provide a firm foundation for the speakers to work to their optimum level.

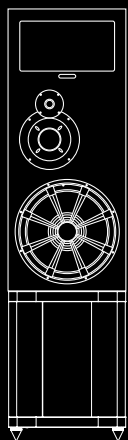


With their matching veneer and innovative design the *se* stands are both an enhancement of looks as well as performance.

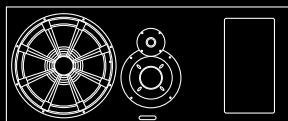


# BB5 *se*

The BB5 is the largest in the range and sports an striking 15" Radial™, bass unit that complements PMC's **ATL™** (Advanced Transmission Line) bass-loading principle, allowing the speaker to handle music with the widest dynamic range with absolute ease and confidence. Yet the BB5 isn't just designed for the loudest works; subtle acoustic material is reproduced with all the dexterity and delicacy of a compact design. No other passive loudspeaker offers this level of resolution and feeling of inexhaustible headroom.



BB5 *se*



BB5-C *se* (centre channel)



Rose Macassar

The terminal panel is typical of the very careful attention to engineering detail which has gone into the *se* range.



Both the binding posts and linking bars are custom designed and manufactured in the UK with the purest of metals for the purest of sound.

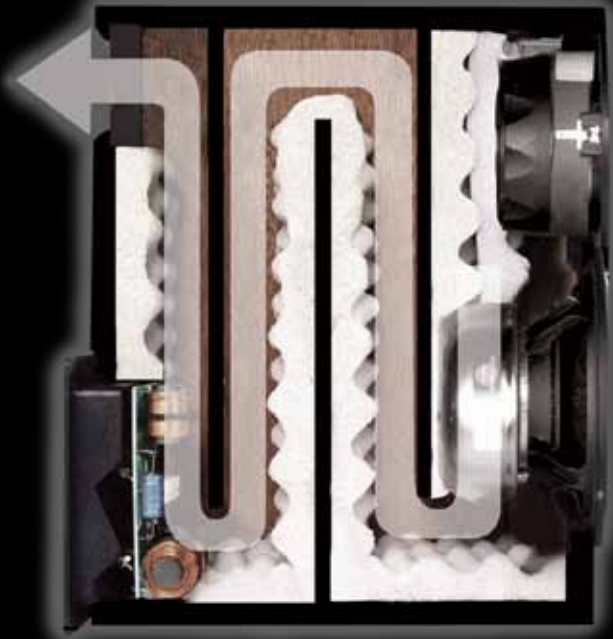


# ATL™

## Advanced Transmission Line

All of our loudspeakers offer **ATL™** bass loading technology, which provides the following advantages over ported speakers:

- More detailed, more natural – as it was in the studio
- Full, rich sound at any volume level
- Deeper bass from a smaller cabinet
- Easy to drive with all amplifiers



## Technically speaking

PMC's (Advanced Transmission Line) enclosures have taken loudspeaker design to the highest level.

A PMC transmission line design utilises sophisticated cabinet construction, PMC designed drive units and patented absorption materials and techniques.

The benefits are enormous compared to the relatively simple sealed and ported models available elsewhere.

The bass driver is placed at one end of a long tunnel (the transmission line), which is heavily damped with absorbent acoustic material. This material is specified to absorb the upper bass and higher frequencies that radiate from the rear of the bass driver. The lowest frequencies, which remain in phase, then emerge from the large vent at the end of the line, which essentially acts as a second driver. One advantage to this approach is that the air pressure loading the main driver is maintained, thus controlling the driver over a wide frequency

range, which in turn significantly reduces distortion. A spin-off from the lack of distortion is that the upper bass and midrange detail is not masked by harmonic distortion residing in the very low frequencies.

The result is PMC's characteristic transparent midrange and fast attacking bass notes, all reproduced with outstanding clarity.

A further advantage of the transmission line approach is a cabinet that produces a higher volume and greater bass extension than a ported or sealed design of a similar size, even if identical drivers are used. Moreover, as the loading on the main driver is maintained at all volumes, the frequency response also remains consistent regardless of listening level.

Casual late night listening or analytical studio sessions can be conducted without the need for high volumes to achieve maximum bass response - a characteristic that is especially suited to both the home enthusiast and recording professional alike.



Sound quality is second to none, as you would expect from a speaker with the professional reference pedigree of the IB2, MB2 and BB5 models. At the pinnacle of studio monitor design, the professional versions of the SE models are the precision tools of choice in studios across the globe, producing the world's finest jazz, classical, rock, pop and film recordings for labels like Deutsche Grammophon, DECCA, Philips and Harmonia Mundi.



The drive units feature a new soft feel Nextel™ coating to provide a luxurious and homogenous finish across all the units in the cabinet.

# Specifications

	<b>IB2</b> 	<b>MB2</b> 	<b>MB2 XBD</b> 	<b>BB5</b> 
<b>Freq response</b>	25Hz-25kHz	20Hz-25kHz	18Hz-25kHz	17Hz-25kHz
<b>Sensitivity</b>	89dB 1w 1m	89dB 1w 1m	91dB 1w 1m	91dB 1w 1m
<b>Effective ATL™</b> (Advanced Transmission Line)	2.4m 8ft	3m 10ft	2 x 3m 10ft	4m 13ft
<b>Impedance</b>	4 Ohm	8 Ohm	4 Ohm	4 Ohm
<b>Drive units</b>	<b>LF</b> - PMC 10" 250mm Carbon Fibre & Norex™ Piston <b>HF</b> - 27mm SONOLEX™ soft dome Ferrofluid cooled <b>MF</b> - PMC75 SE - 75mm soft dome	<b>LF</b> - PMC 12" 310mm Radial™ driver <b>HF</b> - 27mm SONOLEX™ soft dome Ferrofluid cooled <b>MF</b> - PMC75 SE - 75mm soft dome	<b>LF</b> - 2 x PMC 12" 310mm Radial™ driver <b>HF</b> - 27mm SONOLEX™ soft dome Ferrofluid cooled <b>MF</b> - PMC75 SE - 75mm soft dome	<b>LF</b> - PMC 15" 380mm Radial™ driver <b>HF</b> - 27mm SONOLEX™ soft dome Ferrofluid cooled <b>MF</b> - PMC75 SE - 75mm soft dome
<b>Crossover freq</b>	380Hz - 3.8kHz	380Hz - 3.8kHz	380Hz - 3.8kHz	380Hz - 3.8kHz
<b>Input connectors</b>	3 pairs 4mm sockets (tri-amp or tri-wire)	3 pairs 4mm sockets (tri-amp or tri-wire)	3 pairs 4mm sockets (tri-amp or tri-wire)	3 pairs 4mm sockets (tri-amp or tri-wire)
<b>Dimensions</b>	<b>H</b> 740mm 29.1" <b>W</b> 330mm 13" <b>D</b> 485mm 19"	<b>H</b> 870mm 34.25" <b>W</b> 380mm 14.96" <b>D</b> 555mm 21.85"	<b>H</b> 1740mm 68.5" + 35mm plinth <b>W</b> 380mm 14.96" <b>D</b> 535mm 31"	<b>H</b> 1040mm 41" <b>W</b> 432mm 17" <b>D</b> 810mm 31"
<b>Stand dimensions</b>	<b>H</b> 486mm 19.1" + 50mm spikes <b>W</b> 326mm 12.8" <b>D</b> 438mm 17.2"	<b>H</b> 536mm 21.1" + 50mm spikes <b>W</b> 374mm 14.7" <b>D</b> 502mm 19.8"	<b>H</b> 35mm 1.3" + 50mm spikes <b>W</b> 380mm 14.96" <b>D</b> 535mm 31"	<b>H</b> 500mm 19.7" + 50mm spikes <b>W</b> 430mm 16.9" <b>D</b> 518mm 20.3"
<b>Weight</b>	49kg (108lbs)	58kg (127.9lbs)	116kg (255.7lbs)	87kg (191.8lbs)
<b>Stand weight</b>	13kg (28.7lbs)	17kg (37.5lbs)		19kg (41.9lbs)

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