

PMC[®]

prodigy

BRING THE STUDIO HOME





WHAT DRIVES US

At PMC, music is an obsession: getting as close as possible to what's being played and recorded has always been our passion. Our aim is not to impose an additional character on the music, rather to create a clear window for the artist's vision, forming a true emotional connection between the music and listener.

This quest for sonic transparency and neutrality has always been our driving force, using advanced engineering to reproduce music as vividly and faithfully as possible. After all, it's in our name – the Professional Monitor Company – and our designs are used in studios worldwide to create the sound you can also enjoy on our speakers in your home.

Put simply, we know exactly how to present music, so you hear what the artist and engineer intended. Our loudspeakers are where science meets art — we take care of the science, and you connect with the art.

THE LINE-UP

With prodigy, we're bringing our performance-led design ethos to an even wider audience, building on our belief that ultra-high-resolution loudspeakers, if properly designed, can be used throughout the entire audio chain. That's why our designs are employed at every stage of music-making, from composers' music rooms to recording studios, all the way through to the home – preserving the essence of the original performance and delivering it directly to the listener.

And prodigy is a classic example of how we think about speakers. Designed and built in-house in Britain, it comprises two models: the compact prodigy1 standmount and the floorstanding prodigy5. Both deliver staggering clarity and depth of bass seemingly beyond their size, thanks to the ATL™ – just one of the innovative technologies packed into these speakers, as it is in all PMC designs.

Even-tempered and easy to drive, they'll match any high-quality electronics; and, with their consistent characteristics and tonal balance, you can also easily mix and match any PMC speakers to create immersive audio systems for the latest surround music formats.

And yes, our speakers are used in creating those immersive mixes, too!



prodigy5



prodigy1



AT HOME IN THE STUDIO

It doesn't matter where you use PMC
loudspeakers; they'll always make music.



@TAPELONDON
@TAPEVERSE

PMC

THE BOOKSHELF

Our smaller prodigy speaker is a compact standmount/bookshelf design, ideal for small to medium-sized rooms, yet capable of a rich, dynamic sound from a diminutive form. It's easy to see and hear that it's closely related to our compact nearfield monitors, a reference in recording and broadcast facilities worldwide: the prodigy1 is more than capable of resolving detail that puts you in touch with the original performance – no matter the size.

The sweet, open top end and natural midrange brings you vivid vocals and instrumental timbres, with a wide, focused soundstage and nimble, cohesive presentation to draw you into the music and make you smile. And small though the speaker may be, it still contains a full-size Advanced Transmission Line and our Laminair technology, that delivers deep, fast, hard-hitting bass.

The smooth silk black finish will suit any room, with optional sculpted grilles available if required, and the prodigy1 has been designed to match well with everything from modest amplification to high-end, high-power systems.



Shown with optional grille





prodigy5

THE FLOORSTANDER

The prodigy5 floorstander is compact but powerful, taking up no more space than bookshelf speakers on stands thanks to a small footprint suited to any style of room – yet it can fill even larger spaces with weighty, crisply defined music. This is a phenomenal communicator, packed with verve and fun, combining a sweet, open treble with wide dispersion to provide a vast listening 'sweet-spot' with excellent focus. It also delivers transparent, natural vocals and instrumental sound, and an untainted, solid bottom end.

Thanks to an extended Advanced Transmission Line with twin Laminair vents for smoother airflow, the prodigy5 lives up to its name with prodigious bass power. That is combined with tight, clean control for a really dynamic, thrilling presentation of the true weight of the music, almost regardless of where you place the speakers in the room.

Designed to reveal all the quality of your favoured electronics, the slender prodigy5 will blend into any space, with the option of grilles available for those who like their speakers even more discreet.



Shown with optional grille









WE NEVER STOP LISTENING



During the design and manufacture of our speakers we measure and listen, then listen again. In our design lab every component is tested, measured, listened to, and matched. Then, when we build, we do the same: every speaker we make must pass stringent computer analysis in production, to check it matches the reference sample we hold. But then there's an even more demanding test: yes, we listen to every single speaker we make, to ensure it's the loudspeaker we want you to have.

THE INSIDE STORY

The drivers and crossover designs prodigy uses are professionally proven, and are found in PMC speakers used in countless high-profile studios worldwide. We have more than 30 years' experience designing drive units for the most demanding environments and 'golden ears'. And we build both drivers and complete speakers for the utmost transparency and lowest colouration, so they impart no 'character' on the music.

The soft-dome tweeter is derived from our result6 studio nearfield monitors, and you'll also find it in our custom installation speaker range. Its smooth, wide-dispersion characteristics mean it delivers exceptionally realistic all-encompassing sound and image over a huge listening space.

Like all PMC bass drivers, the prodigy LF driver is optimised for use with the ATL at the heart of all our speakers. Its natural fibre dished diaphragm with inverted dust-cap reduces unwanted high-frequency reflections from the driver surface; a high-power voice coil and ferrite magnet combines with a long excursion suspension to deliver substantial bass; and generous venting ensures utmost reliability.





The source of PMC's legendary natural, realistic sound is the Advanced Transmission Line (ATL) bass-loading, which uses the energy that the bass unit generates in the most intelligent and efficient way. The highly braced cabinet is lined with proprietary acoustic materials that absorb all but the very lowest frequencies. These exit from a front vent, extending the low frequencies to create the response of a far larger and more powerful speaker.

It is not just about bass: because the low end is so clean and clear, it doesn't mask the rest of the music, meaning vocals are beautifully projected and ultra-vivid.

There are other benefits too: the bass extension doesn't change with volume level – so even when listening quietly, the bass sounds rich and well defined. Moreover, they are less dependent on room effects to enhance the bass, making it simple to position where you want them.

The benefits:

- *More detailed, more natural*
- *Full, rich sound at any volume level*
- *Deeper bass from a smaller cabinet*
- *Ease of positioning*



prodigy5 showing ATL in cross-section with Laminair vent





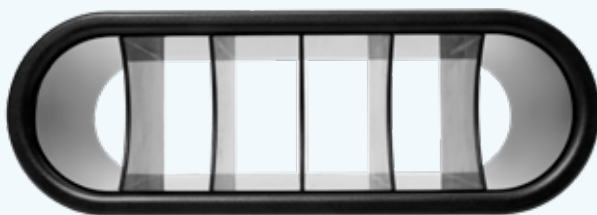
We even engineer the air in our loudspeakers to ensure you only hear music that will take your enjoyment to the next level. In these high-performance designs air moves in and out the cabinet under pressure at high speeds. By introducing F1 aerodynamic principles in the form of Laminair vents it dramatically reduces resistance, increases efficiency, and eliminates airflow noise. This provides bass with supreme timing and the ultimate dynamic range.

“Nothing else comes close to the clarity, timing and dynamics”

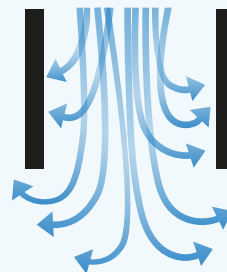


prodigy1 showing ATL in cross-section with Laminair vent

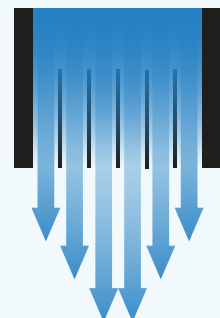
Laminair aerodynamic vent



without



with



prodigy1

Freq response	50Hz – 25kHz (-3dB)
Sensitivity	87.5dB SPL 1W 1m
Rec. amp power	20 - 250W
Effective ATL™	1.91m 6.3ft
Impedance	6 Ohm
Drive units	LF PMC 5.25"/133mm natural fibre long-throw <i>LT</i> ™ HF PMC 27mm /1" soft dome
Peak SPL	123dB SPL
Crossover freq.	1.7kHz
Horizontal Directivity	80 degrees
Vertical Directivity	80 degrees
Input connectors	One pair 4mm binding posts
Dimensions	H 320mm 35.7" (+20mm spikes) W 162mm 6.4" D 237mm 9.3" (+10mm optional grille)
Weight	4.5kg 9.9lbs ea.
Finish	Silk Black
Options	prodigy1 grille



Stands not included

prodigy5

Freq response	35Hz - 25kHz (-3dB)
Sensitivity	87.3dB SPL 1W 1m
Rec. amp power	20 - 250W
Effective ATL™	1.96m 6.4ft
Impedance	6 Ohm
Drive units	LF PMC 5.25"/133mm natural fibre long-throw <i>LT</i> ™ HF PMC 27mm /1" soft dome
Peak SPL	124dB SPL
Crossover freq.	1.7kHz
Horizontal Directivity	80 degrees
Vertical Directivity	70 degrees
Input connectors	One pair 4mm binding posts
Dimensions	H 905mm 40" (+20mm spikes) W 165mm 6.5" (233mm incl. plinth bars) D 237mm 9.3" (+10mm optional grille)
Weight	10kg 22lbs ea.
Finishes	Silk Black
Options	prodigy5 grille



Optional grilles



The optional grilles are magnetically attached to the cabinet to eliminate unsightly fastenings.

Spikes and pucks



Pucks are included with the prodigy5 to protect sensitive or hard floors from the performance enhancing spikes.

Binding posts



Binding posts accept spade lugs, 4mm 'banana' plugs and bare wire for a connection of the highest integrity.



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