

twenty5

series

The **twenty5** series is the culmination of a quarter of a century of research, obsessive design and craft to produce the very finest loudspeakers for home listening. Every element in the design has been considered in order to create finely tuned, transparent speakers capable of revealing music's subtlest shades and deeply emotional details.

Available in a variety of styles and finishes to suit the décor of any home, modern or traditional, the range hones and refines our established **ATL** concept with new drivers and **Laminair**, the result of recent research into the aerodynamics of the transmission line. With a natural, balanced tone and rich, enveloping bass at all levels from whisper-quiet upwards, the surprisingly svelte **twenty5** series can provide you with an unequalled listening experience that redefines what you've come to expect from high-fidelity performance.



THE DEFINITION OF PERFORMANCE

AN AUDIO REVOLUTION

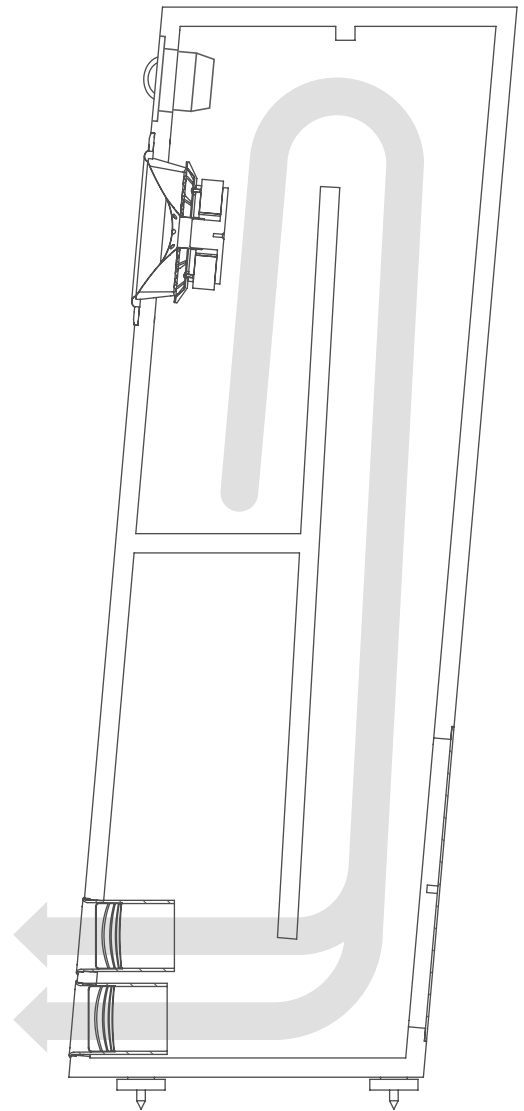


The source of PMC's legendary natural and wholly realistic sound is the Advanced Transmission Line (**ATL**) bass-loading technology.

ATL is an ingenious design and uses energy generated by the bass unit in a much more intelligent, efficient way than speaker designs based on ported or sealed boxes. In **ATL** loudspeakers, the highly braced cabinet is lined with a multitude of custom-designed acoustic materials that absorb all but the very lowest frequencies. These exit from a front-panel vent, extending the low-frequency response, and creating the impression of a far larger speaker with an extra, ultra-high quality bass unit.

ATL improves more than just the bass response: because the low end is clean and clear, it doesn't mask the rest of the music. Vocals, in particular, are beautifully projected and ultra-vivid.

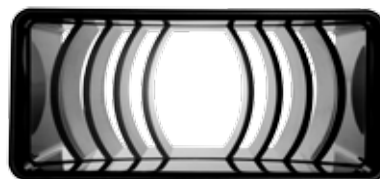
ATL loudspeakers offer another benefit. The **ATL** bass extension does not change with volume level — so even when listening quietly, the bass sounds balanced and well defined.



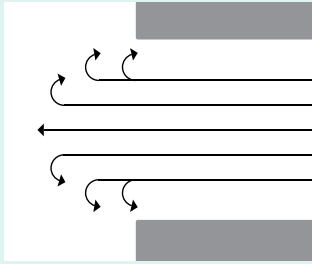
twenty5.24 showing **ATL** in cross-section with **Laminair** vent

“Formula 1 aerodynamic principles applied to the ultimate bass-loading technology.”

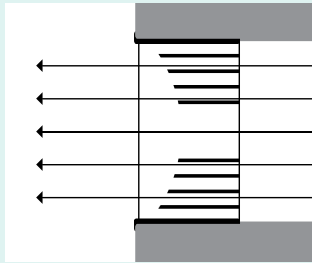
Laminair aerodynamic vent



Standard loudspeaker vent (aerial view) – slow and turbulent airflow with drag



twenty5 series vent with aerodynamic Laminair vent – smooth, rapid and efficient airflow



The combination of ATL and Laminair takes audio quality to unparalleled new heights:

- Faster, cleaner bass and higher-definition sound throughout
- Turbulence is eliminated, increasing the efficiency of the **ATL**
- Removes air noise – only the music remains
- Higher maximum output and bass with supreme timing and dynamics



With the launch of the **twenty5** series, audio performance has been taken to the next level with the addition of the **Laminair** aerodynamic vent. Head of Design Oliver Thomas applied aerodynamic principles he had discovered in his previous employment in Formula One to **ATL**, creating an even smoother, laminar airflow at the exit from the transmission line. **ATL** designs involve air moving at high speeds and under pressure, and Oliver showed that reducing turbulence and drag at the **ATL** vent reduces resistance, increases efficiency, eliminates air noise and provides bass with supreme timing and the ultimate dynamic range.

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

REAL DRIVE

PMC has over 25 years' experience in designing and manufacturing drive units for the most critical and demanding applications. For the **twenty5** series, our research and development team has made several significant advances with its driver designs, mirroring the major breakthroughs made in **ATL** design.

BASS

The heightened level of performance produced by the **twenty5** series puts huge demands on the construction of the bass and mid-bass drivers, so a far stiffer cone is necessary to produce maximum resolution and musical power, and minimum colouration. PMC has developed **g-weave**, a resin-bound, fine-weave glass fibre and pulp hybrid cone to achieve this goal. The **g-weave** cone is far stronger than paper and doesn't impart any character, ensuring you hear more music and less loudspeaker.

The trio of bespoke drivers is extremely powerful, with exceptional travel. Teamed with the **ATL** and **Laminair** vent, they bring you closer than ever before to the live music experience without leaving your home.





twenty5 series LF drive unit with g-weave technology



twenty5 series HF drive unit



twenty5.26 MF drive unit

THE FINER DETAILS

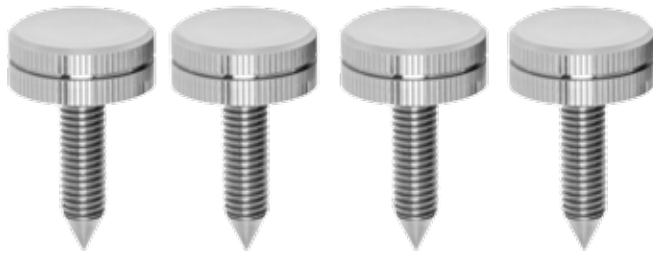
Our holistic design philosophy means we consider every element of the loudspeaker and the effect on its performance.

BINDING POSTS

Creating the ideal connection are the bespoke **twenty5** series binding posts, machined from pure copper and plated with matte rhodium for the last word in conductivity. They accept all popular terminations and are directly coupled to the crossover board to keep the signal path as short as possible.

SPIKES

The custom-made, one-piece stainless-steel spikes thread into the plinth bar for a sure-footed, straightforward set up.



GRILLES

The elegant, slim-line grilles are fixed to the cabinet with concealed magnets, leaving the loudspeaker's front baffle clean and unblemished by unsightly fastenings. We even go to the extent of weaving our own acoustically transparent cloth and modifying the shape of the grilles so as not to adversely affect the sound quality when they are in use.





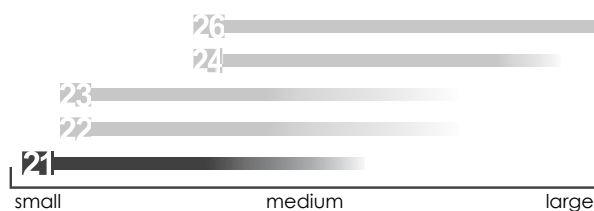
The bespoke twenty5 series binding posts





The **twenty5.21** is proof that great things come in small packages. Don't let its compact size fool you; this loudspeaker is nothing less than remarkable. Its complex **ATL** and **Laminair** vent mean that you get speed, weight and transparency, with the greatest bass extension of any loudspeaker this size.

Whether on a shelf or its performance-enhancing stand, the **twenty5.21** excels with all types of music. Its articulate mid-range, clear, open highs and profound bass mean it can fill rooms both medium and small with astonishing ease.



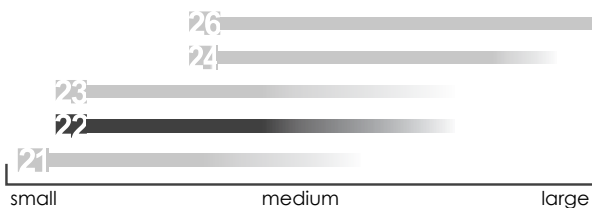
Choosing the right twenty5 model for your room size





The more substantial standmount in the **twenty5** range is a force to be reckoned with. The larger, potent **g-weave** bass driver, together with the new **Laminair** vent and an **ATL** of surprising length given the cabinet dimensions: all combine to give the **twenty5.22** bass weight, punch and dynamics that are unmatched in its class.

The **twenty5.22** is not only made for music's visceral qualities, it is equally capable when it comes to resolving the fine details that produce realistic and finely nuanced performances of the utmost delicacy.



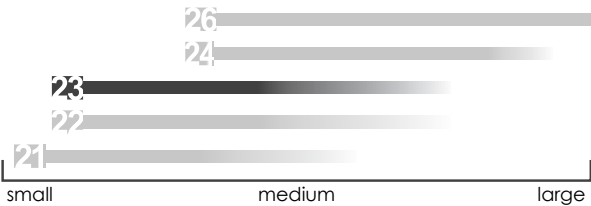
Choosing the right **twenty5** model for your room size







Arguably the most elegant model in the range, the **twenty5.23** takes the speed, transparency and sophistication of the **twenty5.21** and adds greater bass extension and power. And yet its slim-line form doesn't mean it can't move you. No matter what type of music you love, the **twenty5.23** will let you absorb the quietest and most dramatic moments without missing a beat, and its realism with vocals puts you in the best seat in the house.



Choosing the right twenty5 model for your room size

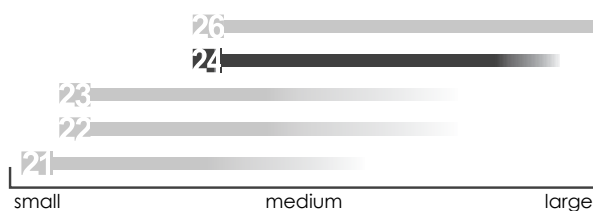








Those with substantial rooms and musical appetites to match will crave the largest two-way in the range. The **twenty5.24** is capable of recreating a spine-tingling sense of presence; close your eyes and you can almost touch the performers. The combination of the latest advances in drive unit technology and our groundbreaking **Laminair** system make this model as precise and detailed as the music deserves. A loudspeaker of this calibre takes every performance to a higher level.



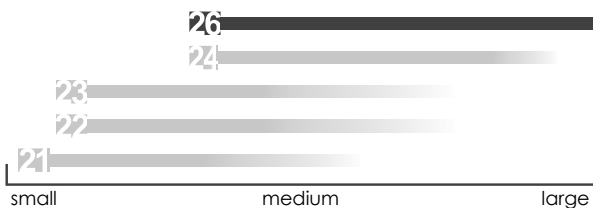
Choosing the right twenty5 model for your room size



twenty5 26



The flagship model in the **twenty5** series is also the most capable. The mid-range dome driver makes it the most revealing while the substantial bass driver coupled to an extended **ATL** produces tangible bass that brings music and movies to life. The **twenty5.26** was created for people who want the full immersion experience, and its feeling of limitless headroom allows it to reproduce all the majesty and dynamics of any great work. And then there's its ability to unearth depth and detail that makes the experience so incredibly real.



Choosing the right twenty5 model for your room size



twenty5.26 in walnut





✠ Handcrafted in the UK

“Computers don’t tell the full story. As well as a full frequency analysis, we listen to each speaker we make — and run a benchmark BBC speech and musical test on every single one”



twenty5

Freq response	46Hz - 25kHz	
Sensitivity	86.5dB 1W 1m	
Rec. amp power	30 - 150W	
Effective ATL™	1.72m	5.6ft
Impedance	8 Ohm	
Drive units	LF PMC twenty5 series 5.5"/140mm long-throw g-weave™ cone with cast alloy chassis HF PMC/SEAS®, 27mm twenty5 series, SONOLEX™ fabric soft dome, Ferrofluid cooled	
Crossover freq.	1.8kHz	
Input connectors	One pair 4mm binding posts	
Dimensions	H 340mm W 162mm D 284mm	13.4" 6.4" 11.2" incl. binding posts (+9mm grille)
Weight	6kg	13.2 lbs ea.



twenty5

Freq response	39Hz - 25kHz	
Sensitivity	89dB 1W 1m	
Rec. amp power	30 - 200W	
Effective ATL™	2m	6.5ft
Impedance	8 Ohm	
Drive units	LF PMC twenty5 series 6.5"/170mm long-throw g-weave™ cone with cast alloy chassis HF PMC/SEAS®, 27mm PMC twenty5 series SONOLEX™ fabric soft dome, Ferrofluid cooled	
Crossover freq.	1.8kHz	
Input connectors	One pair 4mm binding posts	
Dimensions	H 410mm W 192mm D 373mm	16.1" 7.6" 14.7" incl. binding posts (+9mm grille)
Weight	10kg	22 lbs ea.



Available finishes



Oak

Walnut

Amarone

Diamond Black

The **twenty5** stand – for maximum performance

The dedicated **twenty5** stand has been engineered to optimise the imaging, dynamics and overall tonal balance by using a blend of an ultra-rigid structure and resonance-absorbing materials. The front tube can be filled to 'tune' the stand providing not only greater stability and mass but better bass definition. The rear tube is internally damped and allows cables to be passed through, ensuring a clean elegant line is maintained.

H 599mm 23.5" (+25mm spikes) **W** 229mm 9.0" **D** 364mm 14.3"

twenty5

Freq response	28Hz – 25kHz	
Sensitivity	86.5dB 1W 1m	
Rec. amp power	30 - 150W	
Effective ATL™	2.4m	7.8ft
Impedance	8 Ohm	
Drive units	LF PMC twenty5 series 5.5"/140mm long-throw g-weave™ cone with cast alloy chassis HF PMC/SEAS®, 27mm twenty5 series, SONOLEX™ fabric soft dome, Ferrofluid cooled	
Crossover freq.	1.8kHz	
Input connectors	One pair 4mm binding posts	
Dimensions	H 907mm 35.7" (+20mm spikes) W 162mm 6.4" (238mm incl. plinth bars) D 330mm 13" (+9mm grille)	
Weight	15kg	33 lbs ea.



twenty5

Freq response	27Hz - 25kHz	
Sensitivity	89dB 1W 1m	
Rec. amp power	30 - 200W	
Effective ATL™	3m	9.8ft
Impedance	8 Ohm	
Drive units	LF PMC twenty5 series 6.5"/170mm long-throw g-weave™ cone with cast alloy chassis HF PMC/SEAS®, 27mm PMC twenty5 series SONOLEX™ fabric soft dome, Ferrofluid cooled	
Crossover freq.	1.8kHz	
Input connectors	One pair 4mm binding posts	
Dimensions	H 1015mm 40" (+20mm spikes) W 192mm 7.6" (275mm incl. plinth bars) D 419mm 16.5" (+9mm grille)	
Weight	23kg	50.6 lbs ea.



twenty5

Freq response	27Hz - 25kHz	
Sensitivity	86dB 1W 1m	
Rec. amp power	50 - 300W	
Effective ATL™	3.3m	11ft
Impedance	8 Ohm	
Drive units	LF PMC twenty5 series 7"/177mm long-throw g-weave™ cone with cast alloy chassis MF PMC 50mm twenty5 series, dome mid-range HF PMC/SEAS®, 27mm PMC twenty5 series SONOLEX™ fabric soft dome, Ferrofluid cooled	
Crossover freq.	400Hz, 4kHz	
Input connectors	One pair 4mm binding posts	
Dimensions	H 1040mm 40.9" (+20mm spikes) W 192mm 7.6" (275mm incl. plinth bars) D 439mm 17.3" (+15mm grille)	
Weight	25kg	55.1 lbs ea.



AWARD WINNING

We believe our speakers are second to none. But you don't have to take our word for it. These golden-eared experts in their field thought so too.



fact.8 - Hi-Fi Choice
2009



Fact.8 - Hi-Fi Choice
2010



Fact.3 - SVI
2011



fact.8 - SVI
2011



twenty.24 - Hi-Fi World
2012



twenty.23 - Hi-Fi News
2012



twenty.21 - Hi-Fi World
2012



twenty.24 - Sounstage
2012



twenty.21 - Hi-Fi News
2012



twenty.22 - Hi-Fi Choice
2012



twenty.23 - Hi-Fi Choice
2012



twenty.24 - Hi-Fi Critic
2012



twenty.22 - What Hi-Fi
2012



twenty.23 - What Hi-Fi
2012



fact.12 - Hi-Fi News
2013



twenty.22 - Hi-Fi News
2013



twenty.24 - Hi-Fi Critic
2013



Fact.12 - The Ear
2013



twenty.21 - The Ear
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twenty.23 - Hi-Fi Critic
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twenty.22 - What Hi-Fi
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twenty.23 - What Hi-Fi
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twenty.22 - What Hi-Fi
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twenty.21 - AVTech Media
2014



Fact.12 - Hi-Fi Critic
2014



twenty.21 - Hi-Fi Choice
2014



twenty.24 - The Ear
2014



twenty.24 - Hi-Fi News
2014



twenty.24 - Hi-Fi+
2015