

twenty®



twenty.24 in Amarone in the NPL's anechoic chamber



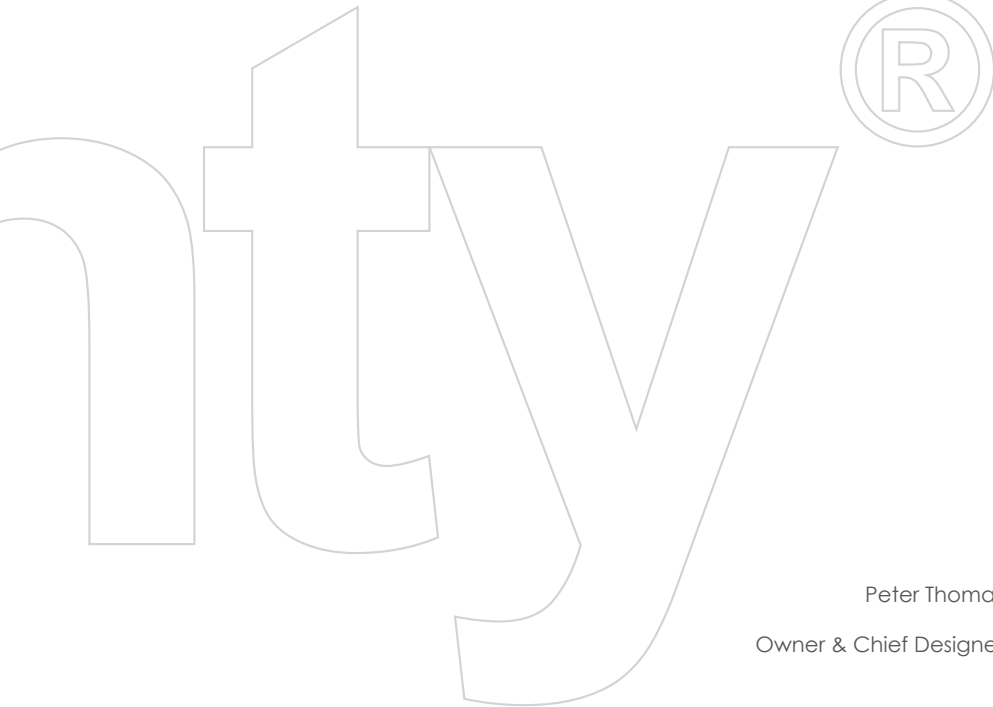
Introducing the **twenty**® range

The **twenty**® series is the next generation of PMC loudspeakers — the latest in a line of elegant, handcrafted British designs that has won the company worldwide acclaim. Ideally suited to all styles and sizes of interior, and featuring PMC's innovative **ATL**™ technology, these speakers provide an effortlessly natural, rich, room-filling sound that suggests a cabinet far greater in stature.

The holistic design philosophy is akin to that of the globally respected **fact**® range: every element in the design is a contributing factor in the loudspeaker's sonic performance. Every component used is judged for sound quality and longevity; hence our confidence that you won't find a higher performing product. That's why we offer our unparalleled 20-year warranty on our passive designs.

When you hear the **twenty**® series, you will realise just how much you've been missing.

A message from Peter Thomas –



Peter Thomas
Owner & Chief Designer



"Our sole aim while designing loudspeakers is to recreate the true essence of an artist's intention, by combining designs offering the highest possible sonic resolution with solid engineering principles.

We believe that the same loudspeaker can be used throughout the entire audio chain, from composer to studio or film stage, through post-production or mastering, right to the listener at home. Our unswerving passion for getting it right has made this goal possible.

Listen to any of our products and you will hear why our speakers are accepted as the world's studio reference and are also a perfect partner for your system at home."

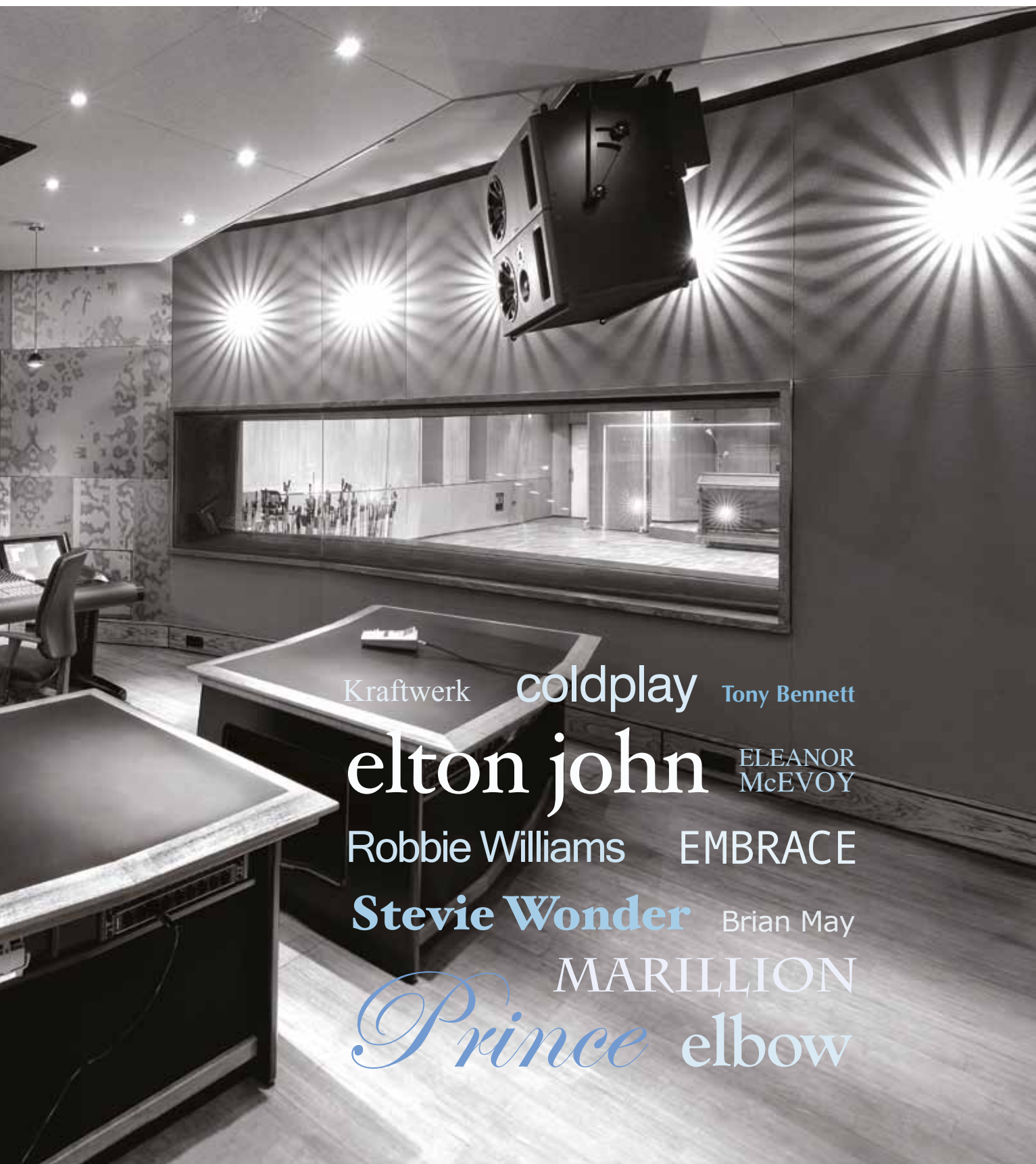


The speakers that make music

PMC has earned an unrivalled reputation for creating the world's finest professional loudspeakers. Our designs provide a reference for the world's highest profile productions, and are found at every stage of the creative process, from conception to recording and broadcast, mastering and, of course, in the home. Our client list reads like a who's who of the sonically aware among makers of music and movies.

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Making music - composing, mixing or mastering with PMC: Elbow, Embrace, Sade, Elton John & Leon Russell, Prince, Stevie Wonder, Coldplay, Kraftwerk, Peter Gabriel, Robbie Williams, Brian May, Eleanor McEvoy, Marillion, Francis Rossi - Status Quo, JVC, Robert Fripp, SONY, Bryston, Tori Amos, Underworld, Tony Bennett, Universal Music, RTL, Emil, Berliner/Deutsche Grammophon, teldex Studios, Hospital HDTV Broadcast Studios, Siemens, EMI, Royal Shakespeare Company, DECCA, The Moving Picture Company, ÖRF, The University of Music – Düsseldorf, The Royal School of Music, The Royal Astronomical Society, Warner Music, BBC Radio, BBC TV, Capitol Studios, Chesky Records, N.Y. University



Kraftwerk coldplay Tony Bennett
elton john ELEANOR McEVOY
Robbie Williams EMBRACE
Stevie Wonder Brian May
MARILLION
Prince elbow

Movie music made with PMC: SKYFALL, Saving Mr. Banks, Man of Steel, The Adjustment Bureau, Sherlock Holmes, Get on Up, WALL-E, Inception, Tron, The Dark Knight, Gran Torino, Kung Fu Panda 1 & 2, Monsters vs Aliens, The Day the Earth Stood Still, Watchmen, Californication, Day of the Dead, Halloween, Hancock, Independence Day, HitchHikers Guide to the Galaxy, Hulk, The Fugitive, One Fine Day, The Sixth Sense, Dinosaur, Elf, The Passion of the Christ, Die Another Day, Planet of the Apes, Rollerball, Finding Nemo, Chicago, Freaky Friday, 2 Fast 2 Furious, Lara Croft Tomb Raider: The Cradle of Life, Pirates of the Caribbean: At World's End, Spider-Man 3, Terminator 3, American Beauty, Love Actually



Behind the scenes

Product Manager Keith Tonge and Chief Designer/ Founder Peter Thomas give an insight into technology and ideas that have gone into the making of the **twenty**[®] series

Why the twenty series?

We had taken the legendary **i** series to their maximum potential and it has taken a total re-think to achieve the goals of a more contemporary design and higher sonic performance levels. **KT**

What's in the name?

The year of the **twenty**[®] series launch, PMC celebrated two decades of making industry leading products. As part of our continued commitment to high quality manufacturing, we also introduced a 20 year warranty for all our passive speakers. It was fitting to celebrate these key milestones in the name of the new range. **KT**

What's in the new look?

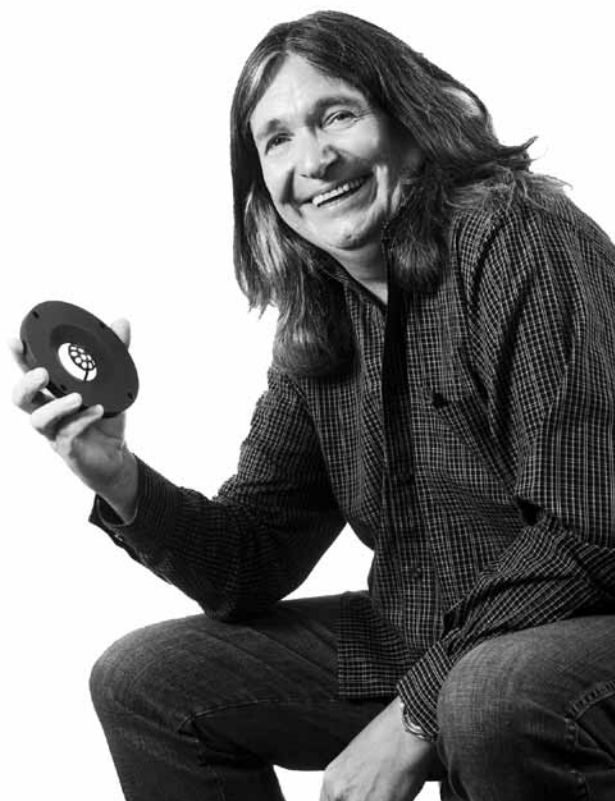
We wanted to offer something that was fresh, directional and dynamic with hints of the elegant design cues of the very successful **fact**[®] range. **KT**

What was the motivation for the angular cabinet?

The design inspiration came from both the aesthetic and technical side. The shape creates a more dynamic feel with a sense of progression that harmonises perfectly with both modern and traditional interiors. It also forms a tremendously strong low resonance structure, ideal for a high performance **ATL**[™] design. **KT**

Was anyone else involved in the product development process?

Yes, our worldwide customer base. We acknowledged the feedback from markets across the world and integrated these valid points into the design. It was clear to us that we needed to advance some of the design elements in previous product ranges, and we certainly have. **KT**



Does the twenty series use existing drive units?

No, all elements are unique to the **twenty**® series. The drive units are the next generation and offer increased performance levels in all areas. For example, in conjunction with SEAS® of Norway we have produced a new 27mm SONOLEX™ soft dome tweeter. It has an incredibly smooth response and it also allows us to lower the crossover point similar to **fact**®, resulting in better image definition over a wider listening window. **PT**

What's special about the ATL™ in the twenty® series?

All of the cabinets in the range are manufactured using twin veneered HDF, the majority of which is 18mm Medite™, although certain panels are of up to 35mm in thickness. This makes them significantly stiffer with a lower resonance. We found from **fact**® that the top of the cabinet incurs the greatest pressure in the transmission line design; adding heavy bracing to this panel, combined with the radical shape, significantly reduces cabinet colouration. This has a large positive effect on the entire bandwidth. **PT**

What has been done with the crossover design?

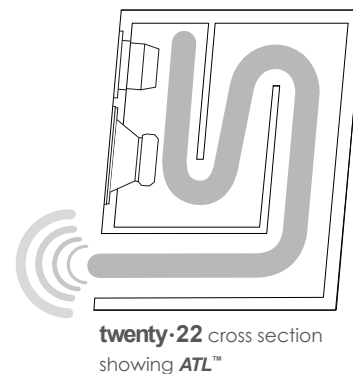
Again totally new designs were created, following the same philosophy of 24dB per octave slopes. The heavyweight fibreglass board has similar topology to **fact**® using thick copper tracks to ensure high current handling. Solen capacitors are used in key sonic areas, with a combination of our hand wound laminate and solid core inductors providing absolute transparency in the mid-range and supreme definition in the bass. **PT**

What are the latest innovations?

The **twenty.sub** has some very innovative technology developed for our studio products like high-power, ultra-clean-sounding Class-D amplifiers and a very powerful DSP engine. The DSP is there to optimise the driver responses and provides a vast array of user controls to enable the sub to integrate perfectly with the room and the other speakers in the system. **PT**

ATL™

Advanced Transmission Line



Basically speaking

World-leading professionals rely on the accuracy of PMC's designs to create sound and music enjoyed every day by audiophiles everywhere. When listening on PMCs, you can rest assured that what you hear is identical to the version approved by the artists themselves.

What they offer above a standard HiFi speaker

More detailed, more natural – Our speakers are extremely natural and achieve phenomenal levels of clarity. It's almost as if the musicians are with you in the room.

Room-filling - The sound from PMC speakers covers a massive area. So wherever you sit, you and other members of your family still hear everything.

Full, rich sound at any volume - You can listen at low volume levels and still enjoy all the detail - ideal for late night listening.

Full, rich sound from a smaller cabinet - PMC's **ATL™** design maximises the cabinet volume by employing a long 'tunnel', rather than consisting of an empty box. This generates a far fuller sound from a smaller cabinet.

Ease of drive - Our designs are highly efficient and can be driven by the vast majority of good quality amplifiers, which makes them compatible with the widest possible range of electronics.

Ideal for surround - All PMC designs have an identical tonal balance and can be mixed and matched to create the ultimate surround sound system.

Easy to position – **ATL™** is not detrimentally effected by positioning close to boundaries, making for easier room placement and a wide sonic dispersion.

Technically speaking

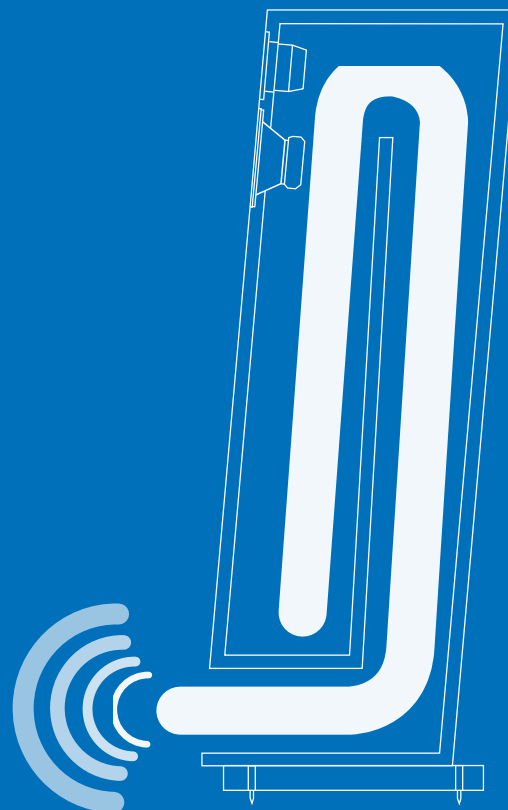
PMC's (Advanced Transmission Line) enclosures have taken loudspeaker design to the highest level.

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 mid-range detail is not masked by harmonic distortion residing in the very low frequencies.

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



twenty•24 cross section
showing ATL™

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.

'No other technology provides such a huge, rich, room-filling sound'

The drive units

For more than 20 years, PMC has been manufacturing drive units for the most analytical and critical professional clients, for whom quality and reliability are of paramount importance. The **twenty**® series models raise the bar yet further, thanks to an intensive programme of research and design which has resulted in a far more natural and musical performance.



The bass units

The lessons learned from the successful **fact.8** bass unit, which achieved a great leap forward in terms of dynamics and subtle musical nuances, have been applied to the **twenty**® units. The natural fibre cones and hand-applied lightweight doping produces a drive unit capable of deep, rich, fulfilling bass as well as delicate vocal expression.

Due to the highly demanding and revealing nature of transmission line designs, the use of off the shelf bass units is not viable. Working with such high pressures, only a specifically designed, handmade unit can cope.

The tweeter

The relationship PMC has forged with Norwegian acoustic engineers SEAS® has allowed the cooperative development of a 27mm soft dome SONOLEX™ tweeter. This unit, in conjunction with its bespoke dispersion grille, creates a near holographic soundstage that encompasses a vast area. The result is a perfect listening experience on both stereo and surround sound systems.

Crossovers

The purpose of a crossover is to divide the incoming signal from an amplifier into the frequencies best suited for each of the loudspeaker's drive units. It's a key design element that demands the utmost precision if the performance of the speaker is to be at its optimum.

The **twenty**[®] series features very sophisticated crossovers, built and matched by hand. Combined with our handmade drive units, they achieve 24dB per octave slopes, which is necessary in order that each drive unit is used within its optimum frequency range. The benefits are higher power handling and an even, smooth response throughout the room.

The crossovers are constructed on military-grade glass-fibre boards, to which ultra-thick, pure copper tracks are added for unrestricted current flow.

All the components used must pass exhaustive listening tests, and further fine tuning is achieved by careful placement and orientation on the board. This eliminates any electromagnetic interaction between components, ensures a perfect division of frequencies, and the supply of the purest possible musical signal.

The terminals

Direct coupling to proven British high grade binding posts achieves the shortest possible signal path.



A hand built crossover from the 2-way models.



To seamlessly integrate the high, mid and bass drivers of the **twenty.26** takes a highly complex and well-engineered crossover. It ensures the perfect supply of frequencies for each of the three drive units.

The cabinet

An ideal loudspeaker cabinet provides a stable platform for its drive units to operate perfectly without adding any sonic signature of its own. Naturally, an optimum design should also integrate into and enhance the aesthetics of its chosen environment.

ATL™ attempts to defy the laws of physics by providing bass extension that would normally be associated with reflex or sealed box cabinets of a much larger size. To accomplish this, PMC's cabinets must withstand considerably greater pressure levels, and this in turn demands a more complex, better engineered and, inevitably, more costly construction.

The **twenty®** series cabinets achieve a delicate, near-impossible balance, combining the structurally rigid and stable platform required for optimal performance of the handmade components in a beautifully tailored form that rivals the finest design icons in the world.

We keep a keen eye on global design trends and finishes, accordingly refining the selection of real-wood veneers and lustrous finishes that we offer with the **twenty®** series. Our objective is to offer a dynamic modern look that complements traditional and contemporary homes.



The grilles

Powerful rare earth magnets, carefully concealed in the speaker, affix the textured black grilles to the cabinet, leaving the front baffle unblemished by unsightly fixings. A matte finished, precision formed metal vent grille completes the elegant design.



‘An understanding of proportion ensures a timeless elegance.’

The hidden detail

It's the hidden details, too often forgotten, which play a crucial part in the overall performance of a product.

Unlike relatively simple sealed box and ported designs, the acoustic damping material used in an advanced transmission line speaker needs to be considerably more sophisticated. Mere foam will not suffice - the acoustic absorbency of the material must be precisely tailored to match each **ATL™** design. Naturally, the PMC R&D team are leading specialists in the implementation of this technology, with a full understanding of the many critical design factors. These include the profile and shape of the pores in each acoustically absorbent section, the number of pores per square inch, and their position in the transmission line.

What's more, each PMC loudspeaker can feature up to four differing absorbent formulas and profiles, depending on the cabinet size and bass response required.



'Our holistic design philosophy means we consider every element'



twenty°23



twenty°21



twenty°24



twenty'22

twenty'26

Amarone

twenty[®].21



April '12



July '12



June '13



Jan '14



Awards '13/14

Due to its complex **ATL™** the **twenty.21** has significantly more dynamic grip and depth of bass than any other speaker of this size.

It is a very effective musical communicator, with fine warmth through the mid range and a sweet and extended treble. It all adds up to a dynamite design, that dominates the compact loudspeaker market by reproducing all genres of music with ease.

"...these are superb little speakers, and recommended without reservation"

GRAMOPHONE Jan '12

*"The **twenty.21**'s easy driveability and manageable size add real-world appeal to the purely audiophilic benefits of sublime sound, rich, rewarding bass and terrific imaging...With this in mind, I'm keeping a pair as my reference"*

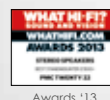
hi-fine news April '12

Oak

twenty[®]22



The unprecedented
winner - 3 years running



An astonishingly natural balance and high dynamic capability are the hallmarks of this speaker. The **twenty.22** conveys music in its purest form by utilising **ATL™** technology, which provides a high degree of control over an extensive frequency range. It creates a precise sound stage and profound bass performance from a stand-mount cabinet and thanks to its effortless nature can be enjoyed for long periods at high or low level.

"Nothing has managed to beat these highly impressive speakers. If maximum detail retrieval and top-class agility are your thing, these are the ones to go for."

WHAT HI-FI? ★★★★★ Oct '14
SOUND AND VISION

"There's a purity to the sound which is simply astonishing - they're truly fabulous speakers"

WHAT HI-FI? ★★★★★ March '12
SOUND AND VISION

Oak

twenty[®].23



January '12



Awards '12



January '13



Awards '13

Certainly the first and overwhelming impression of the **twenty.23** is an open, engaging and communicative loudspeaker. Its size defies both the depth of bass and scale of presentation by taking any music or film material in its stride. The sound is vivid and dynamic and delivered with authoritative bass. Close your eyes and the location of the speaker dissolves.

"Despite its modest size, it does a remarkable job of delivering an essentially full bandwidth sound, with fine neutrality and excellent stereo imaging"

HI-FI CHOICE Jan '12

"If you're looking for a top-class pair of compact floorstanders, look no further"

WHAT HI-FI? ★★★★★ Aug '12

Diamond Black



The plinth

Isolated stabilising plinths de-couple the cabinet allowing greater stereo focus and tighter defined bass.

twenty[®]24

HI-FI WORLD
June '12

HIFICRITIC
BEST BUY
January '13

CHOICE
June '12

HIFICRITIC
April/ May/June '12

There is no doubting the ability of the **twenty.24** to project the full scale of the recording in a larger room with complete authority and accuracy. The extended **ATL™** technology housed within these slender elegant towers delivers deep articulate bass and is a clear step up in performance with improved resolution in all areas.

"It is a phenomenally musical speaker that makes everything you play as exciting and engaging as it was the first time you heard it if not more so. You can't ignore the music, even when the level is low it draws you in and won't let go"

hi-fi+ Feb '12

Diamond Black



Reversible stainless steel spikes feature both points and ball-ended tips for use on carpeted or more sensitive hard flooring.

twenty[®]26



The critical mid-range

PMC is world renowned in both the professional and HiFi realms for superlative soft dome mid-range drivers. The development of the newly designed twenty series mid-range sets the **twenty.26** apart from any other model in its class. It provides astounding transparency - vocals are projected into the room with all their emotion and individual character.



Articulate, deeper bass

To deliver the extraordinary bass depth with detail requires large, well controlled cone excursions, and the custom-made **twenty.26** low frequency unit takes these in its stride. Coupled with **ATL™** loading every plucked bass and kick drum is unquestionably lifelike.

twenty[®]26



June '14



May '14



Feb '15

The pinnacle of the legendary **twenty[®]** series, the **twenty.26** features the same traits as its siblings - finesse, delicacy and musicality - but with an added ability to convey huge dynamic impact and the sheer scale of a musical performance, it can engulf the largest room. This exceptional, well thought out design will excel with a vast array of amplification due to its ease of drive and well-tempered balance, and its transparency ensures that users improving other elements of their signal path will appreciate the full benefit of their upgrades. This is a model that takes every musical style in its stride, and delivers the greatest level of overall clarity of any of the **twenty[®]** series, or indeed of any speaker in this class.



Amarone

"Yet another top-class speaker from the twenty range - PMC has done it again"



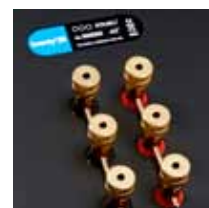
Oct '14

"...with a speaker as effortlessly capable as the PMC you have a system that will deliver truly outstanding music enjoyment."



Oct '14

Each of the three precision drivers can be fed individually via the British engineered terminals





twenty[®].C

The **twenty.C** centre speaker is the perfect complement to the **twenty[®]** series; the next generation of elegant, handcrafted British loudspeakers. Its aesthetics and acoustics perfectly match the signature of the **twenty[®]** series.

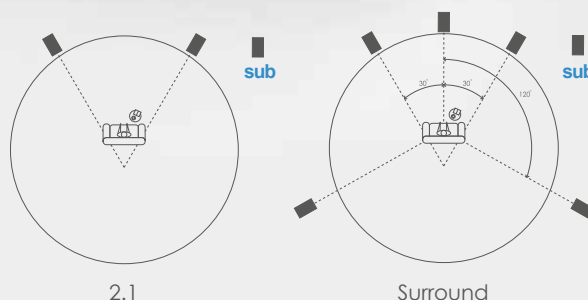
A beautifully transparent balance provides a seamless surround soundstage, with the critical dialogue of the movie presented in a tangible manner so you are fully immersed in the drama of the action.

Walnut

twenty[®].sub



Walnut



A true audiophile design, the **twenty.sub** is at home playing music or movies whilst delivering precise, dynamic results, no matter the volume level.

The slender cabinet blends beautifully with any interior. Housed within is a long and highly effective **ATL™**, which, when teamed with the twin 7-inch custom bass units, goes down to a staggering 22Hz.

The high-mass, resonance-absorbing plinth eliminates unwanted vibration, offers cable management, and provides an ideal stable platform. Active electronics derived from our renowned professional designs offer on-board DSP that optimises

the driver responses and provides an array of low-pass filtering, frequency adjustments and a parametric EQ for perfect in-room tuning. Power is supplied by PMC's 400W Class-D ultra-low-distortion audiophile amplifier, which allows for both balanced analogue and digital connections.

Thanks to its versatile inputs and filtered and unfiltered outputs, whether it's used in a supreme multichannel AV system or as the perfect sub-bass addition to a passive 2.1 music system, the **twenty.sub** is a truly future-proofed package.

twenty[®] series, bringing surround alive



twenty-C in Walnut



twenty-23 in Walnut



twenty.sub in Walnut

Specifications

twenty[®]21

Freq response	50Hz – 25kHz		
Sensitivity	87dB 1W 1m		
Recommended amp power	30 - 150W		
Effective ATL™	1.72m	5.6ft	
Impedance	8 Ohm		
Drive units	LF PMC twenty [®] series, lightweight doped 5.5"/140mm cone with cast alloy chassis		
	HF PMC/SEAS [®] , 27mm twenty [®] series, SONOLEX™		
	Soft dome, Ferrofluid cooled		
Crossover freq	1.8kHz		
Input connectors	2 pairs 4mm sockets (Bi-amp or Bi-wire)		
Dimensions	H 325mm	12.8"	
	W 152mm	6.0"	
	D 277mm	11.0"	(+6mm grille)
Weight	5kg	11 lbs ea.	



twenty[®]22

Freq response	40Hz – 25kHz		
Sensitivity	90dB 1W 1m		
Recommended amp power	30 - 200W		
Effective ATL™	2.0m	6.5ft	
Impedance	8 Ohm		
Drive units	LF PMC twenty [®] series, lightweight doped 6.5"/170mm cone with cast alloy chassis		
	HF PMC/SEAS [®] , 27mm twenty [®] series, SONOLEX™		
	Soft dome, Ferrofluid cooled		
Crossover freq	1.8kHz		
Input connectors	2 pairs 4mm sockets (Bi-amp or Bi-wire)		
Dimensions	H 410mm	16.14"	
	W 184mm	7.25"	
	D 367mm	14.45"	(+6mm grille)
Weight	8kg	17.6 lbs ea.	



The **twenty**[®] stand - for maximum performance.....

The dedicated **twenty**[®] 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"

twenty[®]23

Freq response	29Hz – 25kHz		
Sensitivity	87dB 1W 1m		
Recommended amp power	30 - 150W		
Effective ATL™	2.4m	7.8ft	
Impedance	8 Ohm		
Drive units	LF PMC twenty [®] series, lightweight doped 5.5"/140mm cone with cast alloy chassis		
	HF PMC/SEAS [®] , 27mm twenty [®] series, SONOLEX™		
	Soft dome, Ferrofluid cooled		
Crossover freq	1.8kHz		
Input connectors	2 pairs 4mm sockets (Bi-amp or Bi-wire)		
Dimensions	H 918mm	36.14"	(+25mm spikes)
	W 152mm	6.0"	
	D 330mm	13.0"	(+6mm grille)
Weight	13.2kg	29 lbs ea.	



twenty[®]24

Freq response	28Hz – 25kHz		
Sensitivity	90dB 1W 1m		
Recommended amp power	30 - 200W		
Effective ATL™	3.0m	9.8ft	
Impedance	8 Ohm		
Drive units	LF PMC twenty [®] series, lightweight doped 6.5"/170mm cone with cast alloy chassis		
	HF PMC/SEAS [®] , 27mm twenty [®] series, SONOLEX™		
	Soft dome, Ferrofluid cooled		
Crossover freq	1.8kHz		
Input connectors	2 pairs 4mm sockets (Bi-amp or Bi-wire)		
Dimensions	H 1028mm	40.47"	(+25mm spikes)
	W 184mm	7.25"	
	D 419mm	16.5"	(+6mm grille)
Weight	21kg	46.2 lbs ea.	



twenty[®]26

Freq response	28Hz – 27kHz		
Sensitivity	86dB 1W 1m		
Recommended amp power	50 - 300W		
Effective ATL™	3.3m	11ft	
Impedance	8 Ohm		
Drive units	LF PMC twenty [®] series, lightweight doped 7"/177mm cone with cast alloy chassis		
	MF PMC 50mm twenty [®] series, dome mid-range		
	HF PMC/SEAS [®] , 27mm twenty [®] series, SONOLEX™ Soft dome, Ferrofluid cooled		
Crossover freq	380Hz & 3.8kHz		
Input connectors	3 pairs 4mm sockets (Tri-amp or Tri-wire)		
Dimensions	H 1062mm	41.8"	(+25mm spikes)
	W 190mm	7.5"	
	D 439mm	17.3"	(+16mm grille)
Weight	22.5kg	49 lbs	ea.



twenty[®]C

Freq response	45Hz – 25kHz		
Sensitivity	90dB 1W 1m		
Recommended amp power	30 - 200W		
Effective ATL™	1.8m	5.9ft	
Impedance	6 Ohm		
Drive units	LF PMC twenty [®] series, lightweight doped 5.5"/140mm cone with cast alloy chassis		
	HF PMC/SEAS [®] , 27mm twenty [®] series, SONOLEX™ Soft dome, Ferrofluid cooled		
Crossover freq	1.8kHz		
Input connectors	2 pairs 4mm sockets (Bi-amp or Bi-wire)		
Dimensions	H 172mm	6.75"	
	W 520mm	20.5"	
	D 305mm	12"	(+6mm grille)
Weight	9.5kg	21 lbs	



twenty[®]sub

Freq response	22Hz – 200Hz		
Effective ATL™	3m	9.8ft	
Drive units	2 x PMC twenty [®] series, lightweight doped 7"/177mm cone with cast alloy chassis		
Input connectors	2 x balanced analogue (left/right XLR female) <i>(RCA unbalanced adapter provided)</i> 1 x AES digital XLR female (accepts 32 -192kHz, 24bit)		
Output connectors	2 x balanced analogue (left/right XLR male) 1 x AES output XLR (male) <i>NB: Both analogue and digital outputs are active regardless of source</i>		
Mains power	IEC connector 90-132V / 180-264V AC auto-sensing		
Amplifier power	400Wrms Class-D		
User controls	1 x Parametric EQ - Gain: -8.00 to +8dB - Freq: 20Hz-150Hz - Q: 1 to 8 in 0.5 Selectable LF rolloff slope: off (6dB/Oct, 12dB/Oct, 18dB/Oct) Selectable LF rolloff frequency points: 50Hz, 80Hz, 120Hz, 150Hz, 200Hz +10dB Gain: off/on Phase reverse: off/on Phase: 0-80 degrees in 5 degree steps		
Volume range	-48.5dB to +15dB		
Dimensions	H	577mm	22.72" (+25mm spikes)
	W	200mm	7.87"
	D	516mm	20.31" (+10mm grille)
Weight		23kg	51 lbs
Warranty	5 years		



Available finishes



Oak Walnut Amarone Diamond Black



Platinum

Twenty Year Warranty

To mark the 20th anniversary of the founding of the company, PMC offers a 20 year warranty on all passive consumer speakers.

Designing and assembling all its loudspeakers in its own facility in the UK enables the company to keep complete control over quality procedures. Every single component, from the smallest resistor through to the loudspeaker cabinets are individually measured, graded and recorded to ensure absolute component value and performance. The records kept for each and every pair of speakers built ensures that in the rare event of failure, replacement parts of an identical value can be supplied. It is this passionate attention to detail that has brought PMC the successes and recognition it has gained over the last 20 years.

The PMC family

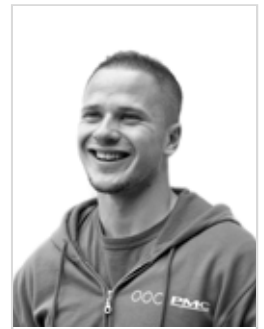
All PMC loudspeakers are hand-built in the UK by people with passion who really care.

Each design is checked with a computer generated frequency response sweep to prove that it meets our exacting performance criteria. We also make sure each speaker closely matches its carefully chosen reference model with an exhaustive programme of listening tests. These encompass a wide variety of material, from a benchmark BBC speech test to classical music, pop and rock. Only when all of these exacting standards are met is each product shipped, accompanied by a unique test certificate which bears the builder's individual mark.



Maria

MP



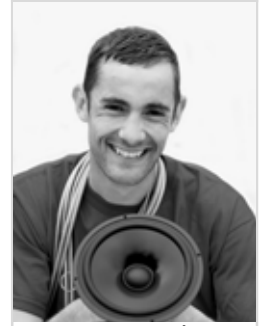
Matt

M.T



Jane

JB



Ryan

RC



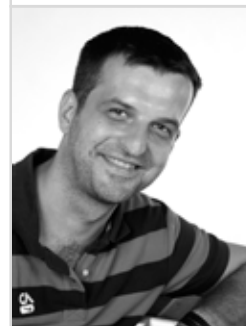
Jubbaer

Jub.



Marguerite

MR



Maciej

OK



Akeem

AA



Morris

MF



Geoff

GF

'We listen to everything we build'

Award winning pedigree



1996-1997 Emmy Award
Adrian Loader/ PMC
Awarding winning achievement
for 'Sound Mixing - Special Class'



2004 What HiFi?
OB1 - ULTIMATE GUIDE
"Superb bass allied to a sweet,
precise treble and wide open
midband"



2006 HiFi Choice
wafer2 - BEST BUY
"The sound is comparable with
PMC's conventional speakers,
and that makes the wafer2 a very
impressive achievement"



2004 HiFi Choice
GB1 - BEST BUY -
ULTIMATE GROUP TEST
"Beautifully articulate with a
delicate top end - thoroughly
recommended"



2003 What HiFi?
IB1 - BEST FOR BASS
"An involving speaker, comfortable
with all types of music, and they
don't ignore the subtleties"



2004 HiFi News
DB1+ - AWARD WINNER
"A warm, rich vocal register, with
plenty of sparkle...and will go as
loud as anyone could want."



2004 HiFi News
OB1 - EDITORS CHOICE
"I would urge anyone looking
for a new speaker around this
price to consider auditioning
the OB1"



2006 What HiFi?
GB1, DB1+ AND TLE1 5.1 -
MULTICHANNEL SYSTEM
"They're a top choice if you enjoy
multi-channel music as well as
movie thrills and spills"



2007 HiFi Choice
EB1 - THE AWARDS -
BEST SPEAKER OVER £5,000
"Remarkably entertaining and
a capable loudspeaker."



2003 What HiFi?
FB1+ - SOUND & VISION
ULTIMATE GUIDE
"Exciting, controlled, yet a total riot"



2004 HiFi News
DB1+ - INDUSTRY AWARD
"Unburstable with room-filling
sound that belies its size. A class
winner..."



2003 Gramophone
OB1 - AUDIO EDITORS CHOICE
"I have found my new
reference, the OB1"



2006 HiFi Choice
TB2+ - BEST BUY -
ULTIMATE GROUP TEST
"Superior mid band
transparency"



2007 HiFi Choice
EB1 - BEST BUY
"Effortless quality"



2003 What HiFi?
OB1 - BEST BUY OVER £2000
"The impact of instruments
and depth of character
causes jaws to drop"



2001 HiFi Choice
FB1+ - RECOMMENDED
"This is an expensive speaker, no
question, but also an extraordinarily
capable one"



2007 What HiFi?
DB5.1+, WITH TLE1
MULTICHANNEL SYSTEM
"This is a system capable of
enormous clout and power,
combined with the kind of
detail you'd expect from a
extensive studio heritage."



2004 Gramophone
EDITORS CHOICE GB1
"The GB1 is difficult to fault"



2007-2008 What HiFi?
OB1, FB1+, CB6 & TLE1
REFERENCE SURROUND SYSTEM



HiFi Choice
FB1+ GOLD AWARD 2004
"Supremely transparent & free
from colouration, bass is solid &
controlled, the top ends sings
with open, vibrant energy"



2005 HiFi Choice
FB1+ - AWARDS 2005
"Silver award for the best
loudspeaker between £1000 - £2000"



2004 What HiFi?
STEREO - GB1
"Expressive and invigorating"



2003-2004 HiFi Choice
DB1+ - PRODUCT OF THE YEAR
"It's difficult to believe that a
speaker as small as the DB1 can
sound so big, lively and capable."



2003 HiFi Choice
OB1 - BEST STEREO SPEAKERS -
READERS AWARDS
"The OB1 pulling the majority of
the votes, in a landslide victory!"



DB1+
"If you are looking for speakers
that draw you into the music and
entertain, these are the ones!"



2011 SVI Trade Awards
fact.3 - 2011 Winner
Best Bookshelf Speakers



Hi-Fi Choice
Fact.8 - Best Loudspeaker Award
"This is then presented in one of
the most handsome cabinets we
have seen in a while. Virtues that
take it to the top of the class."



2006 HiFi World
IB1 - "Awesome"



Future Music
DB1S-AII - Platinum Award 2010
"These should be at the top of
your shopping list"



2011 SVI Trade Awards
fact.8 - 2011 Winner
Best Floor-standing Speaker



Hi-Fi Choice
IB2i - Product of the year 2009
"The Pair swiftly reveal themselves
to be the latest in a succession of
illustrious reference speakers by
which rivals will be judged"



Hi-Fi Choice
GB1i - Recommended Compact
UK Floorstander 2011
"A fine all-round performer with
superior bass delivery"



2010 SVI Trade Awards
fact.8 - 2010 Winner
Best Floor-standing Speaker



2011 SVI Trade Awards
DS-001 - 2011 Winner
Best Amplifier



Hi-Fi News
PB1i Highly Commended 2011
"The PB1i Signature delivers an
infectious combination of power
and passion that cuts straight to
the heart of the music"



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