

**PMC**<sup>®</sup>

# twenty5

series user guide

No.

Hand built by

Date

twenty5 

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# IMPORTANT – Complete your warranty certificate

## **Warranty Certificate**

Please take a few moments to complete the warranty card at the back of this booklet or register at [www.pmc-speakers.com](http://www.pmc-speakers.com) (click on 'register a product'). This records the purchase of your loudspeakers and provides you, the customer an opportunity to make suggestions and provide feedback directly to PMC.

## **Product Support**

For product support, accessories or servicing advice, please contact a PMC authorised dealer – See [www.pmc-speakers.com](http://www.pmc-speakers.com).

## **THE PROFESSIONAL MONITOR COMPANY LIMITED**

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W [www.pmc-speakers.com](http://www.pmc-speakers.com)

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Ref No: 738

PMC Stock Code: 14956







## WHAT DRIVES US

At PMC, we believe that music is what really matters; it's what moves us and gives us the passion for what we do. The company was founded because there wasn't a loudspeaker that was transparent enough to convey all of music's expressive power – and we knew we could remedy this.

One of our core beliefs has always been that the same loudspeaker can be used throughout the entire audio chain, from composer to studio or film stage, through post-production and mastering, right to the listener at home. Discerning listeners all over the world agree. Our designs are involved in every link of the music-making chain, from the recording studio to listening at home, which means we know exactly how to present music as transparently as possible, just as the artist intended. This knowledge, combined with our love for music, drives us to create products that you listen through rather than to. We want you to share the thrill of the original recording because there is nothing like the emotional impact of true musical communication.

Loudspeakers are where science meets art; we understand the science so that you can connect with the art.

# Congratulations – You have joined the elite

## **PMC: the authority for quality sound.**

*Prince*

Over more than two decades PMC has earned an unrivalled reputation for creating the world's finest professional loudspeakers. Simply put, our speakers provide a reference for the world's highest profile productions and events.

**UNIVERSAL MUSIC GROUP**

**Stevie Wonder**

They are found at every stage of the creative process, from conception to recording and broadcast and, of course, in the home.

**Thomas Newman**

**ESPN**

*Arcjack*

**BBC**

**Kraftwerk**

Tony Bennett

Our client list reads like a who's who of the sonically aware, with Prince, Elbow, Stevie Wonder, Coldplay, Brian May, Universal, EMI, Sony, Pinewood Studios, Dreamworks, Deutsche Grammophon and the BBC among the makers of movies and music who use our products.

*Royal College of Music*

**JVC Studios**

**EMI**

**Warner Music**

**SONY**

Our loudspeakers were also used in the production of *Titanic*, *Spiderman III*, James Bond's *Skyfall* and *Spectre*, *Finding Nemo*, *Pirates of the Caribbean III*, and during broadcasts of the London Olympics, 2012.

**Pinewood Studios**

**Coldplay**

**Capitol Studios**

**elbow**

**JOHN NEWMAN**

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# General usage guidelines

- 1 Read these instructions and keep them in a safe place for future reference.
- 2 Heed all electrical safety warnings, including any on the loudspeakers themselves.
- 3 Do not use the loudspeakers near water.
- 4 The cabinet should only be cleaned with a dry, lint-free, cloth. Do not use solvents, abrasives, waxes or liquids as they may be detrimental to the finish.
- 5 Four Soft, self-adhesive feet are included with the **twenty5 C**. These can be attached to the base of the unit to provide vibration-free operation.
- 6 Floor spikes are sharp; treat with great care during installation and use.
- 7 Do not install near any heat sources such as radiators, ovens or other equipment that produce excessive heat.
- 8 Unplug this product from both source and power during electrical storms, or when unused for extended periods of time.
- 9 Packing material can pose danger to the young and vulnerable. Ensure these items are kept or disposed of safely.
- 10 High volume audio signals, however short their duration, have the potential to cause hearing damage. Use care when setting the system volume level to ensure playback sound pressure levels remain within safe comfortable limits.
- 11 Do not attempt to service the equipment. There are no user serviceable parts inside. Please refer all servicing to PMC authorised personnel.
- 12 Servicing is required when the apparatus is damaged, exposed to moisture, or exhibits a distinct or sudden change of operation or audio performance.
- 13 PMC has made efforts to provide accurate installation information and good quality fixings. PMC will not be held responsible or liable for injuries or property damage – direct, indirect or consequential – arising out of use or inability to use this product safely and properly.
- 14 **twenty5** loudspeakers contain very powerful magnets and therefore may have a detrimental effect if left in close proximity to magnetically sensitive items.
- 15 Do not use the Laminair vent as a grip to lift the loudspeaker as this may result in damage.

# ATL™

## Advanced Transmission Line

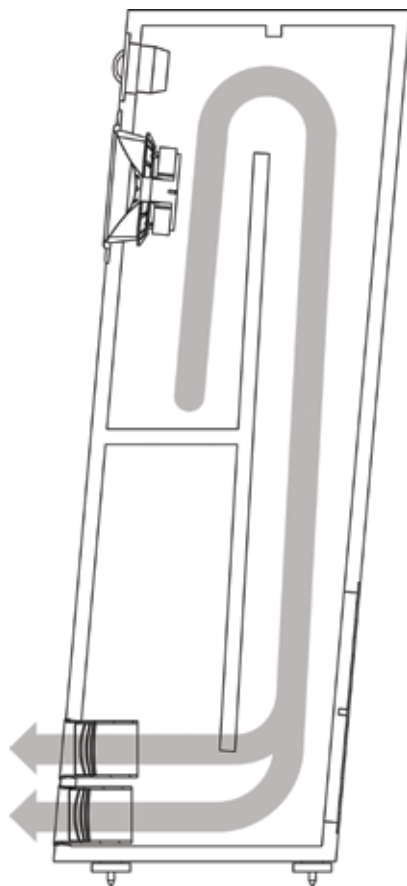
The source of PMC's legendary natural and wholly realistic sound is the Advanced Transmission Line (**ATL™**) bass-loading technology.

**ATL™** is an ingenious design which uses energy generated by the bass unit in a much more intelligent and 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 are guided to exit from a vent on the front-panel, 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.



This cross-sectional view of the **twenty5.24** loudspeaker shows the **ATL™** cabinet arrangement and the unique **Laminair™** vents.



### Taking ATL™ to the next level

With the launch of the **twenty5** series, loudspeaker audio performance has been taken to the next level with the addition of the **Laminair™** aerodynamic vent.

The **ATL™** design involves air moving under pressure at high speeds, and PMC's Head of Design, Oliver Thomas was able to apply aerodynamic principles transferred from his previous industry, Formula 1 to the **ATL™** concept.

The result is the unique **Laminair™** aerodynamic vent which creates an even smoother, laminar airflow at the exit from the transmission line.

This innovative solution reduces turbulence and drag at the **ATL™** vent, reducing resistance, increasing efficiency, eliminating air noise, and provides bass with supreme timing and the ultimate dynamic range.



**'Nothing else comes close to the clarity, timing, and dynamics.'**

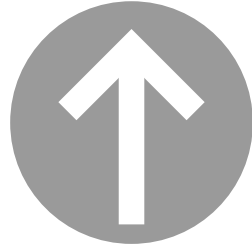
## Our meticulous attention to detail

All PMC loudspeakers are hand-built in the U.K. using individual components that are matched to our reference model; this includes the structural integrity of every cabinet and the testing and recording of each component. This guarantees it will be within our strict tolerances and ensures your purchase sounds identical to the original design. Each completed loudspeaker then undergoes a set of objective and subjective measurements - frequency response sweeps ensure that the design meets our exacting performance criteria, and then listening tests are conducted against the reference model using a wide variety of material, from a benchmark BBC speech test to classical music, pop and rock.



***“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 music test on every single one.”***

# Unpacking



Please retain your packaging for future use as all PMC cartons are durable, reusable and can be employed to safely transport your loudspeakers should they be relocated or returned for servicing.

Much of the packing is constructed from recyclable materials, so if you are to dispose of it please do so in an environmentally friendly manner.



Packing materials can pose danger to animals, the young and vulnerable. Ensure these items are kept or disposed of safely.

# Resonance-absorbing plinth bar installation

Resonance damping plinth bars are provided for the floor-standing loudspeakers, with spikes to enhance the performance and stability of these models in the **twenty5** series range. The plinth bars attach to the base of each speaker using M8 bolts. The **twenty5** series one-piece stainless-steel spikes can be used on carpeted flooring, and the supplied protective pucks can be used to protect more sensitive hard flooring.

- 1 Carefully invert the loudspeaker so that its base is uppermost. Take care not to damage the top of the loudspeaker when it is upside-down; the use of a soft cloth or square of carpet is suggested.
- 2 Place four isolator rings over the four holes in the base of the cabinet.
- 3 Locate the plinth bars on top of the isolator rings, ensuring that the inserts in the cabinet base, the isolator rings, and the holes in the plinth bar, are all aligned.
- 4 Locate the large M8 bolts and tighten them **gently** using the supplied allen key until the heads of the bolts are flush with the plinth bar's surface. Once the bolts are flush, tighten each bolt carefully by **half a turn**.



**N.B.** Do not over-tighten. Over-tightening will reduce the effect of the resonance absorbing material.

- 5 Fully thread each spike through the plinth bar. The spikes can then be attached to the plinth; they should point upwards whilst the cabinet is inverted.



**Caution:** The spikes are sharp and should be treated with great care; they may damage hard flooring if in direct contact. **N.B.** You have the option of using the protective pucks on more sensitive hard flooring.

- 6 Re-invert the loudspeaker so that the spikes and plinth bars are at the bottom.
- 7 Once in position, level the loudspeaker by adjusting each spike in turn.

## Dedicated **twenty5** series stands

The **twenty5** series compact models are designed to offer exceptional clarity while taking up minimal space, and can be used either on stands or within audio/video furniture.

However, they will realise their optimum performance when used in conjunction with PMC's dedicated high-mass stand that positions them at the ideal height and with complete stability.

### Stand Features

- Unique, damped, 3-layer sandwich construction.
- Mass fill-able – sand or shot.
- Built-in cable management.
- Essential to complete the dynamic **twenty5** series look.



### Stand Dimensions

**H** 599mm +25mm spikes

**W** 229mm

**D** 364mm



# Connections

## Caution



To avoid potential damage, please ensure that your power amplifier(s) or receiver is turned off before connecting or disconnecting your loudspeakers.

## Cable & connectors

When selecting cables for use with your **twenty5** series loudspeakers, ensure that their construction is of a high enough standard to withstand the rigors of everyday use and that they are suitably terminated. While bare wire can be accommodated by the **twenty5** series binding posts, we recommend the use of either spade lugs or 4mm 'banana' plugs in order to maintain an electrical connection of the highest integrity and avoid the possibility of short circuits. Please consult your dealer for more information regarding cable lengths and termination options.



## Do not use tools to tighten the binding posts

### Polarity + & -

It is of vital importance to observe the polarity markings and maintain positive-to-positive and negative-to-negative connections from amplifier or receiver to the loudspeaker. The **twenty5** series terminals are colour-coded to aid in their identification: positive terminals are red, negative terminals are black.

# Plugging them in



## Running in or breaking in

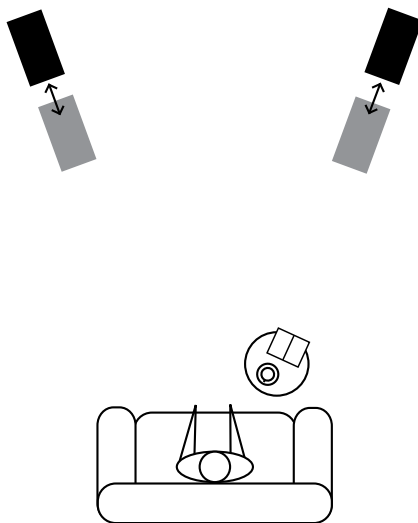


When loudspeakers are new they will take time to reach their full potential. It is often debated whether any solid-state equipment, such as CD players or transistor-based power amplifiers change with use, but the characteristics of mechanical devices such as loudspeakers do alter and improve their performance significantly after a short 'running in' period.

The science is simple; as the soft material surrounding the dome or woofer cone is flexed it will eventually reach a point where it has optimum compliancy allowing the drive unit to move more freely. This translates to greater accuracy and speed of attack in the bass region and the mid and high frequency produces a far more vivid audio picture. This short 'running in' period takes approximately 50 hours of normal use.

# 50+ hours to run-in

# Positioning



With their unique **ATL™** Advanced Transmission Line design, wide dispersion, ultra low distortion and smooth bass roll-off, PMC loudspeakers are more forgiving of difficult room conditions and placement constraints than conventional designs so you will be able to achieve a superb sound throughout the room with little effort. We do encourage you to spend some time experimenting in your own room in order to achieve the very best results. Remembering that small changes in location can often influence system performance.

Room shape, size, construction and interior decoration vary immensely and therefore influence sound in different ways. The following guidelines are suggestions for the starting point to locate your new speakers. Fine-tuning of their positioning can start from here.

# Positioning

- Place the speaker so the front face is slightly forward of any large object that protrudes into the room – eg. a fireplace, bookcase or television.

**Tip** See stereo set up diagram

- Ensure that stereo pairs of loudspeakers are equidistant from the listening position.
- It is best to position the front left/right pair (and centre channel loudspeaker if you have a surround system) at the same height, usually at ear-level when seated at the listening position.

**Tip** If any of the speakers are mounted above or below ear level, then angle the speaker towards the listening position.

- The distance between your left/right speakers and the listening position should ideally create an equilateral triangle. As a general rule, the width of the audio picture will be narrow if the speakers are too close together. If they are too far apart the picture will be wide but there will be less central definition

**Tip** Use a well recorded vocal track to judge the ideal spot.

- To further enhance the audio picture or soundstage the speakers can be angled/toed-in. Start with the speakers angled so they will cross approximately 50cm (2ft) behind the listening position (see stereo set-up diagram). Varying this angle will also subtly affect the vividness of the audio picture, so experimentation is key.

**Tip** A simple, well-recorded band with vivid vocals will help to find the best position.

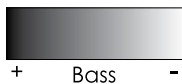
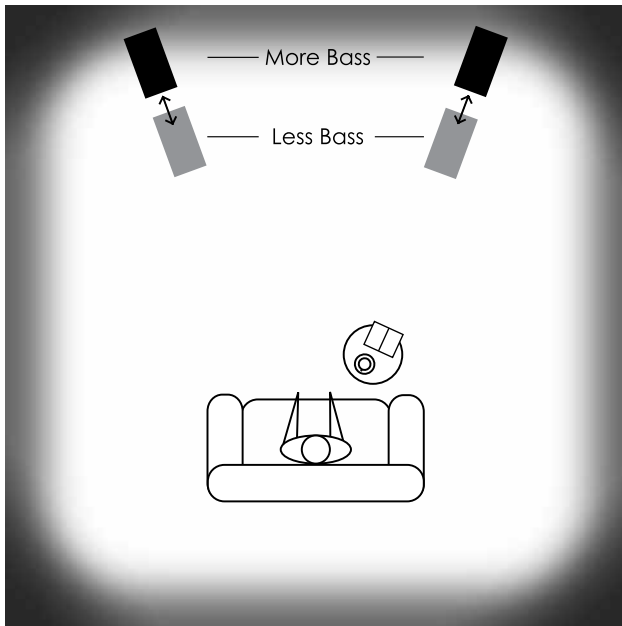
# Fine tuning for perfect bass

## Bass / LF (Low Frequency adjustment)

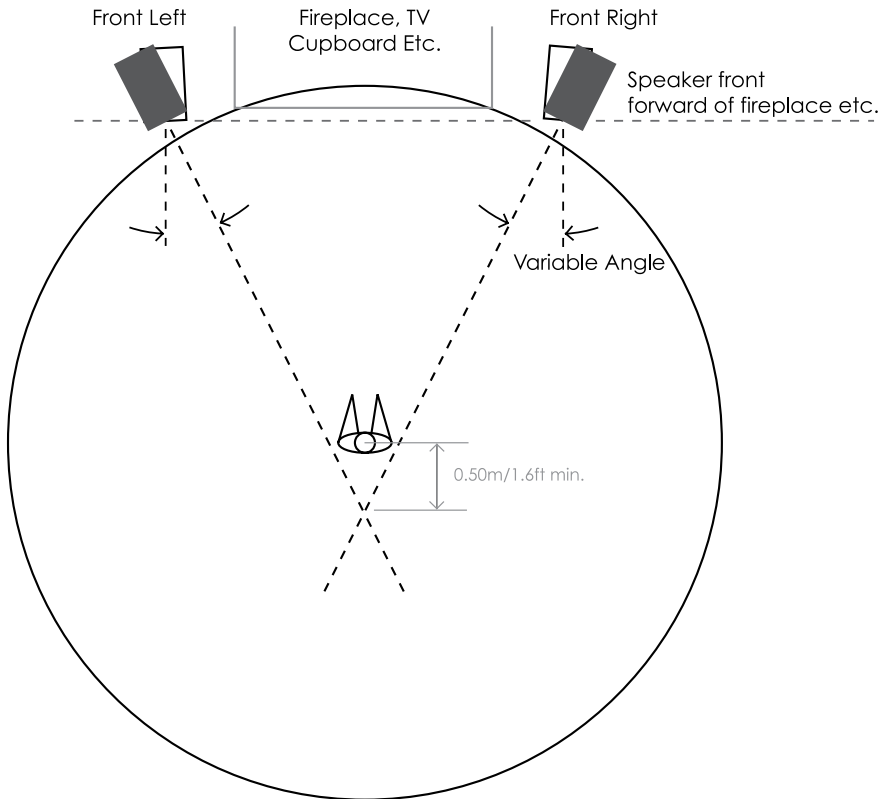
Solid boundaries (i.e. walls, ceilings and floors) reflect sound and help to contain it within a room. They make a speaker sound louder the closer they are to them, especially in the low frequency (bass) region.

This diagram shows the areas, that if a speaker is positioned, will either increase or decrease bass – The darker the shading the more bass will be heard. Placing the speakers in the corners will generate the most bass, and in the centre of the room, the least bass.

Fine tuning for perfect bass



# Stereo set up



# Surround sound specific set up

## 5.1 Systems

The **twenty5** series has been designed for perfect multi channel music or movie playback and the following diagrams display the ideal layout for the speakers.

- Tip** No doubt the constraints of room size and shape will vary the distances from the listener to the speakers. Therefore use of the time alignment function of your surround processor will be important.
- Tip** The guidance given in the 'Stereo set up' and 'Fine tuning for perfect bass' also apply to the set up of a surround system.

## 7.1 Systems

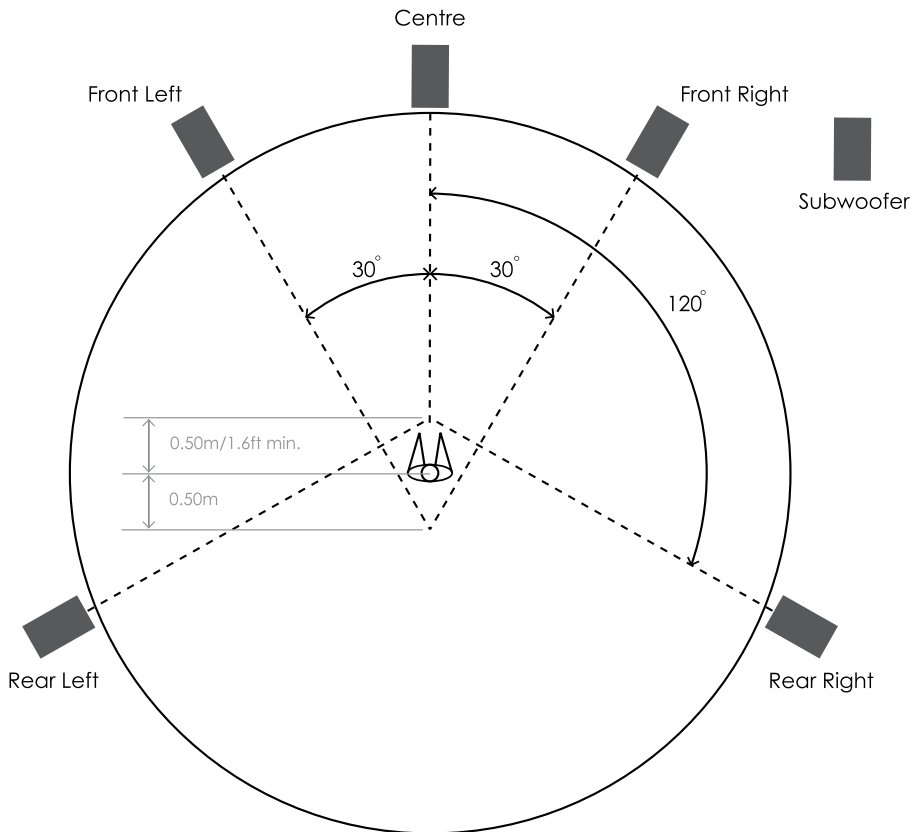
In a system capable of full 7.1 Dolby® Digital Surround EX™, DTS® ES™, Blu-ray™ or HD DVD™ playback there will be two sets of surround speakers. The first pair should be positioned at 100° and the second set at 150°. (The centre is considered 0° while directly to the rear of the room is 180°). See Ideal 7.1 surround set up diagram.

## Other Immersive Surround Formats

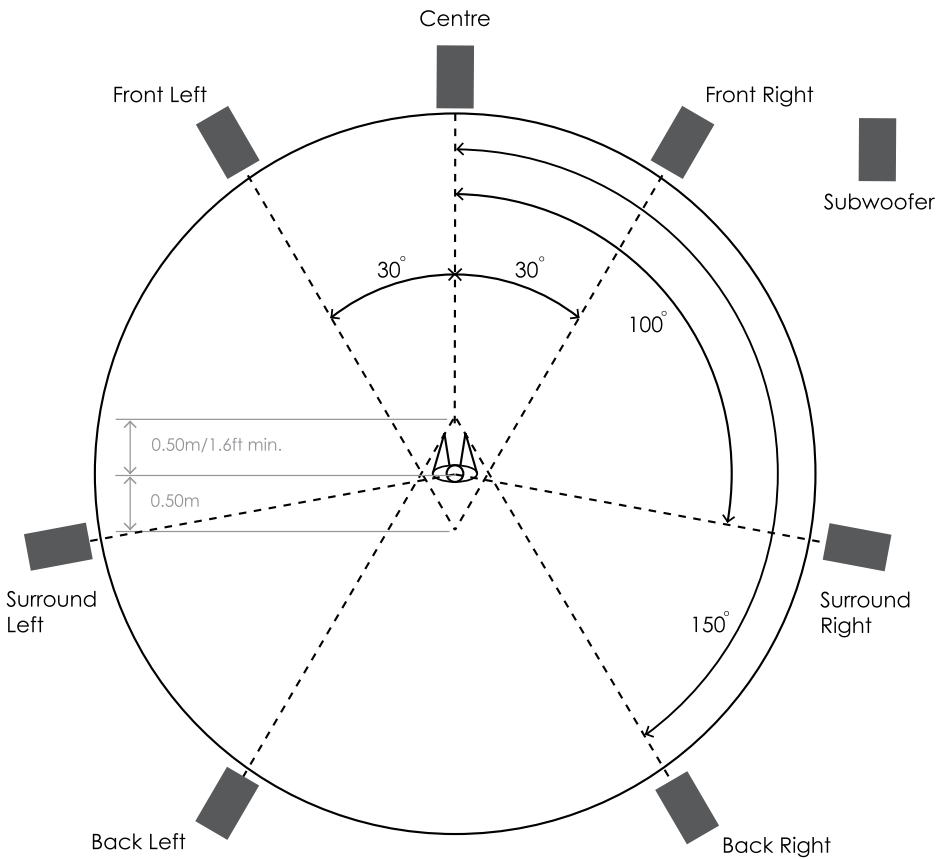
DTS:X™, Dolby Atmos™, Auro 3D® – we have models to suit every format. With our vast array of product options it is easy to create a bespoke state-of-the-art home cinema to take full advantage of the latest surround sound formats, regardless of the number of channels or placement of the speakers. Adding to the choices from the twenty5 we also produce in-wall and on-wall wafer models and a range of both active and passive subwoofers. See [www.pmc-speakers.com](http://www.pmc-speakers.com) for more information.

Dolby® Digital Surround EX™ and Dolby Atmos are registered trademarks of Dolby® Laboratories  
DTS® ES™ and DTS:X™ are registered trademarks of DTS®, Inc  
Auro 3D® is a registered trademark of Aurio Technologies  
Blu-ray™ is a trademark of the Blu-ray™ Disc Association  
HD DVD™ is a trademark of the DVD Format/Logo Licensing Corporation (DVD FLLC)

# Ideal 5.1 surround set up



# Ideal 7.1 surround sound set up



For the Dolby Atmos™ system height channels are required. We produce a range of products to accommodate this. See [www.pmc-speakers.com](http://www.pmc-speakers.com)



# Service

We are confident your **twenty5** loudspeakers will afford many years of trouble-free listening of the highest order. But in the unlikely event that one or more requires repair, our unique manufacturing procedure, wherein the precise value of each component together with the response of the system as a whole is recorded, will ensure that any replaced parts will exactly match the performance of those originally included within each individual loudspeaker.

For any issues that might arise, or for advice and service requirements, the primary point of contact should be your knowledgeable and authorised PMC dealer/distributor.

If you do not have a local representative please see [www.pmc-speakers.com](http://www.pmc-speakers.com) and click on 'where to buy'.

Alternatively you can view our FAQ's (Frequently Asked Questions) and servicing section on our website. (Click on the contacts section and select FAQ).



**Important Note:** Please do not return any products to PMC directly without first contacting our service department.

# Specifications

## twenty5

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

## twenty5

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

# Specifications

## twenty5

<b>Freq response</b>	28Hz – 25kHz
<b>Sensitivity</b>	86.5dB 1W 1m
<b>Recommended amp power</b>	30 - 150W
<b>Effective ATL™</b>	2.4m (7.8ft)
<b>Impedance</b>	8 Ohm
<b>Drive units</b>	<b>LF</b> PMC <b>twenty5</b> series 5.5" / 140mm long-throw <b>g-weave™</b> cone with cast alloy chassis <b>HF</b> PMC/SEAS®, 27mm <b>twenty5</b> series, SONOLEX™ soft dome, Ferrofluid cooled
<b>Crossover freq</b>	1.8kHz
<b>Input connectors</b>	One pair 4mm binding posts
<b>Dimensions</b>	<b>H</b> 907mm (35.7") — +20mm spikes <b>W</b> 162mm (6.4") — 238mm including plinth bars <b>D</b> 330mm (13.0") — + 9mm grille
<b>Weight</b>	15kg (33 lbs)

## twenty5

<b>Freq response</b>	27Hz – 25kHz
<b>Sensitivity</b>	89dB 1W 1m
<b>Recommended amp power</b>	30 - 200W
<b>Effective ATL™</b>	2.6m (9.8ft)
<b>Impedance</b>	8 Ohm
<b>Drive units</b>	<b>LF</b> PMC <b>twenty5</b> series 6.5" / 170mm long-throw <b>g-weave™</b> cone with cast alloy chassis <b>HF</b> PMC/SEAS®, 27mm <b>twenty5</b> series, SONOLEX™ soft dome, Ferrofluid cooled
<b>Crossover freq</b>	1.8kHz
<b>Input connectors</b>	One pair 4mm binding posts
<b>Dimensions</b>	<b>H</b> 1015mm (40.0") — +20mm spikes <b>W</b> 192mm (7.6") — 275mm including plinth bars <b>D</b> 419mm (16.5") — + 9mm grille
<b>Weight</b>	23kg (50.6lbs)

# Specifications



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

# Warranty on-line

**SIMPLY ACTIVATE YOUR 20 YEAR  
WARRANTY ON-LINE**

**GO TO [WWW.PMC-SPEAKERS.COM](http://WWW.PMC-SPEAKERS.COM) AND CLICK ON REGISTER PRODUCT**



**If you do not have access to the internet fill in the warranty form found on pages 30 & 31 and post it to us.**

# WARRANTY CERTIFICATE - PART 1

Your Copy  
to KEEP

Please complete and retain this page for your own records

Product

Serial Nos

Date of purchase

Dealers name

Dealers address

Town

County

Postcode

Dealers Telephone No

Servicing and warranty issues – Please read the following carefully.

**Non UK clients:** Contact your local dealer/distributor for the details of warranty repairs - see [www.pmc-speakers.com](http://www.pmc-speakers.com) and click on 'where to buy' for their details.

**UK clients:** In the unlikely event of a fault occurring with your The Professional Monitor Company Limited (PMC) product firstly contact your dealer where the product was purchased.

Do not return a product to PMC without firstly contacting our technical dept. If the product must be returned for service you will be issued with a Returns Authorisation number.

If a product is returned to PMC and subsequently is found to have no fault or a non-warranty fault it will be subject to a minimum of £50.00 plus the carriage for its return.

Proof of purchase is required for any claim covered by this warranty.

This product is warranted for a period of 20 years from the date of purchase or upon receipt of 'our copy' overleaf or on-line registration within ten days of purchase or receipt.

The warranty covers defects due to faulty materials or workmanship but does not cover defects arising from accidental damage, misuse or wear and tear. The warranty is void if any attempt has been made by persons not authorised by PMC to dismantle, repair or modify any part of the product.

Products must be returned using original packing material. This warranty does not cover damage in transit.

Note that the cost of the carriage to PMC is not covered by the warranty.

Returned products that are defective that are covered by warranty will be repaired or replaced at the discretion of PMC.

Allow minimum of 14 working days for return of warranty repairs.

This warranty does not effect your consumer rights under statutory law. This warranty is only valid in the United Kingdom.

# WARRANTY CERTIFICATE - PART 2

## Our Copy

Please complete and return this section – or simply complete the on-line registration at [www.pmc-speakers.com](http://www.pmc-speakers.com) and click on register product.

Product
Serial Nos
Date of purchase
Purchased from
Your Name
Your email address
Your address
Town
County
Postcode/Zip code

Help us improve  
our products  
see over



# Help us Improve

## Your Comments

If there is one thing we should change, what would it be?

We value all our client's comments. Please take a moment to help us improve:

Please tell us how your new PMC's perform. Your comments may appear on the customer quotes section for this product on our site. N.B. Don't worry the comments will be anonymous; your personal details will not appear.

What magazines do you read?

HiFi	Pro	Lifes style	Online
<input type="checkbox"/> HiFi Choice	<input type="checkbox"/> Future Music	<input type="checkbox"/> T3	<input type="checkbox"/> mixonline.com
<input type="checkbox"/> What HiFi	<input type="checkbox"/> Sound on Sound	<input type="checkbox"/> Stuff	<input type="checkbox"/> gearslutz.com
<input type="checkbox"/> Stereophile	<input type="checkbox"/> Audio Media	<input type="checkbox"/> GQ	<input type="checkbox"/> avreview.co.uk
<input type="checkbox"/> HiFi World	<input type="checkbox"/> Pro Sound News	<input type="checkbox"/> EVO	<input type="checkbox"/> techradar.com
<input type="checkbox"/> HiFi Critic	<input type="checkbox"/> Resolution	<input type="checkbox"/> FHM	<input type="checkbox"/> HiFi WigWam.com
<input type="checkbox"/> HiFi News	<input type="checkbox"/> Audiofanzine	<input type="checkbox"/> Shortlist	<input type="checkbox"/> What HiFi.com
<input type="checkbox"/> HiFi+	<input type="checkbox"/> IBE	<input type="checkbox"/> Maxim	<input type="checkbox"/> the-ear.net
<input type="checkbox"/> Gramophone	<input type="checkbox"/> Tape Op	<input type="checkbox"/> Esquire	<input type="text" value="Other"/>
<input type="text" value="Other"/>	<input type="text" value="Other"/>	<input type="text" value="Other"/>	

We hope you enjoy your latest purchase as much as we enjoyed designing and building them - Thank you.



# Inspection certificate

Every component that appears in a PMC product is measured, tested, matched and recorded by hand. This analysis also applies to the final product we build to ensure you receive an identical replica of the reference model.

- Crossover matching
- Enclosure finish
- Assembly & Wiring
- Driver Installation
- Enclosure seal
- Level - Frequency
- Impedance - frequency
- Pair matching
- Listening test 1
- Listening test 2
- Final inspection
- Accessory pack
- User Guide



All the above has been carefully checked by the builder of your **twenty5** series loudspeakers detailed on the front of this user guide.

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CE Conformity PMC passive loudspeakers conform to CE Directive LVD 73/23/EEC and EMC 89/336/EEC.

WEEE European directive - PMC Limited is a member of a National Compliance scheme and have gained the associated certification of compliance and the following registration number from the Environment Agency WEEE/ GJ0101WU

#### WEEE EU Directive

This symbol on the product or in/on its packaging indicates that this product must not be disposed of with other household waste. It is the responsibility of the owner to dispose of waste equipment via a designated collection point for the recycling of waste electrical and electronic equipment. The recycling of your waste equipment is an attempt to conserve natural resources and ensures that it is recycled in a manner that protects human health and the environment. For more information about where you dispose of your waste equipment for recycling, please contact your local waste/recycling authority or the dealer from whom you purchased the product.







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