PMC®

twenty®
series user guide

No.

Hand built by

Date

twenty®21 ●
twenty®22 ●
twenty®23 ●
twenty®24 ●
twenty®26 ●
twenty®C ●


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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 (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.

THE PROFESSIONAL MONITOR COMPANY LIMITED
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E sales@pmc-speakers.com www.pmc-speakers.com

Version v6 - #100

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, combining the ultimate level of 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, post-production or mastering and then, finally, the consumer. Our unswerving passion for getting it right has made this goal possible.

Thank you for choosing PMC products. It is now time for you to read the user guide, install your new **twenty** series speakers, and realise just how much you've been missing.

Congratulations - You have joined the elite

PMC: the authority for quality sound.

Prince

Stevie Wonder

elton john

BBC

Tony Bennett

JVC Studios

elbow

SONY

Coldplay

Basement Jaxx

Over two decades PMC has earned an unrivalled reputation for creating the world's finest professional loudspeakers. Simply put, our loudspeakers provide a reference for the world's highest profile productions and events. They are found at every stage of the creative process, from conception to recording and broadcast and, of course, in the home. Our client list reads like a who's who of the sonically aware, with Prince, Stevie Wonder, Robbie Williams, Coldplay, Brian May, Universal, Sony, Dreamworks, Deutsche Grammophon and the BBC among the makers of movies and music. Our loudspeakers were used in the production of Titanic, Man of Steel, Skyfall, WALL-E and during broadcasts of both the Beijing and the London Olympics.

UNIVERSAL MUSIC GROUP

Robbie Williams

Royal College of Music

Brian May

Kraftwerk

Warner Music

Underworld

Emil Berliner/Deutsche Grammophon

Google

Siemens

twenty® user guide

Contents

General usage guidelines

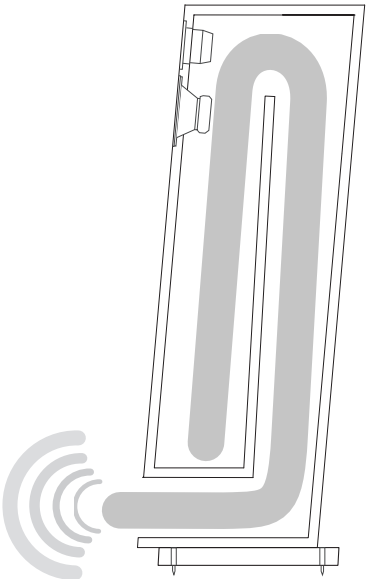
1. Read these instructions and keep them in a safe place for future reference.
2. Heed all electrical safety warnings, including any on the loudspeakers themselves.
3. Do not use the loudspeakers near water.
4. We have provided a high quality Microfiber cloth for cleaning. This is ideal as the cabinet 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. Floor spikes are sharp and should be treated with great care during installation and use.
6. Do not install near any heat sources such as radiators, ovens or other equipment that produce excessive heat.
7. Unplug this product from both source and power during electrical storms or when unused for extended periods of time.
8. Packing material can pose danger to the young and vulnerable. Ensure these items are kept or disposed of safely.
9. 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.
10. Do not attempt to service the equipment. There are no user serviceable parts inside. Please refer all servicing to PMC authorised personnel.
11. Servicing is required when the apparatus is damaged, exposed to moisture, or exhibits a distinct or sudden change of operation or audio performance.
12. 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.
13. **twenty** loudspeakers contain very powerful magnets and therefore may have a detrimental effect if left in close proximity to magnetically sensitive items such as; CRT (tube style) televisions or monitors and media such as floppy discs, cassettes and videotapes.

ATL™

Advanced Transmission Line

Basically speaking

The world's leading professionals rely on the accuracy of PMC's designs everyday to create much of the music and sound you hear. You can rest assured that what you hear from a PMC speaker is identical to the version approved by the artist themselves.



twenty·24 cross section showing ATL™

What they offer above a standard HiFi speaker

Detail - They are extremely detailed and sound natural - As if the musicians are with you in the room

Room filling - The sound they produce covers a massive area, so wherever you sit you still hear everything

Full, rich sound at any volume - You can listen at low level and still hear bass - Ideal for low level or late night listening

Reliability - all the components are tried and tested in the professional world

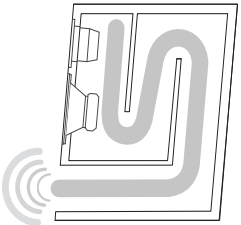
Ease of drive - They are efficient and therefore can be driven by the vast majority of good quality amplifiers

Ideal for surround - They all have an identical tonal balance and can be mixed and matched to create the ultimate surround sound system

Easy to position - They sound superb in a vast array of rooms, large and small

Feel good - They are made in Britain by hand, by nice people who care, and love audio

Boast - You have joined the long list of world famous music makers and recording studios using PMC's ATL™ technology -
See www.pmc-speakers.com and click on key clients



twenty·22 cross section showing ***ATL***™

Technically speaking

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

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

The benefits are enormous compared to the relatively simple sealed and ported models currently 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 an additional 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.

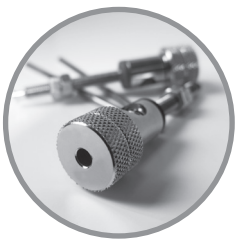
A further advantage of the transmission line approach is a cabinet that produces a higher volume and greater bass extension than a ported or sealed design of a similar size, even if identical drivers were used. Moreover, as the loading on the main driver is maintained at all volumes, the frequency response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

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.



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 installation guide for floorstanding models

Resonance damping plinths and spikes enhance the performance and stability of the floorstanding models in the range. The plinths attach to the base of each speaker using M8 bolts. The **twenty** series spikes are reversible, with spike or ball tips for use on either carpeted or 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. Position the plinth on the bottom of the loudspeaker so that its large curved edge is to the rear (same face as 4mm terminals/sockets). Ensure that the corresponding inserts in the base of the cabinet are aligned with the rebated holes in the plinth.

3. Locate the large M8 bolts and tighten them **gently** using the allen key supplied until the heads of the bolts are flush with the plinth's surface. Once the bolts are flush carefully tighten each bolt by **half a turn**

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

4. Fully thread each spike with one of the supplied lock nuts. 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 and may damage hard flooring if in direct contact

N.B. You have the option of using the ball tips for use on more sensitive flooring

5. Re-invert the loudspeaker so that the spikes and plinth are at the bottom.

6. Once in position, level the loudspeaker by adjusting each spike in turn.

7. The final step is to tighten each spike's lock nut with the spanner provided; this will ensure that the spike and loudspeaker are as rigid as possible.

Compact loudspeaker set up

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

They will realise their optimum performance when used in conjunction with their dedicated high-mass stand that positions them at the ideal height with stability.

- Unique, damped, 3 layer sandwich construction
- Mass fill-able – sand or shot
- Cable management
- Essential to complete the dynamic **twenty** look

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 **twenty** 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 **twenty** 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.

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 **twenty** series terminals are colour-coded to aid in their identification, positive terminals are red, negative terminals are black.

Plugging them in

Connecting to an amplifier

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twenty®24
twenty®C

Standard / Single wiring connection

This is the most common, using a single cable with two conductors.

Connect using any of the two pairs of RED+/BLACK- terminals. Ensuring the **twenty** series terminals and gold linking bars are secure and the binding posts are finger tight.

Advanced connection / Bi-wiring & Bi-amping

twenty series models with four binding posts can be bi-wired or bi-amped.

By loosening all four rear binding posts, the gold linking bars can be removed thus enabling separate signals to be fed to the low (Woofer) and high frequency (Tweeter) drivers. Ensure the binding posts are re-tightened after the bridging bars are removed. Both bi-wiring and bi-amping require the use of two lengths of cable per speaker. Bi-amping requires two separate amplifiers; one for each driver.

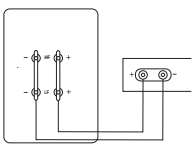
Please consult your dealer regarding the benefits and the correct procedure.

Terminal identification

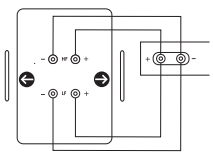
Top pair of terminals - HF / High Frequency / Tweeter

Bottom pair of terminals – LF / Bass Frequency / Woofer

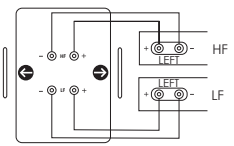
Back panel



Standard/single wiring



Bi-wiring



Bi-amp connection

Connecting to an amplifier

Standard / Single wiring connection

Connect using any of the three pairs of RED+/BLACK- terminals. Ensure the linking bars are secure and the binding posts are finger tight.

Advanced connection / Bi-wiring & Bi-amping

The **twenty.26** can also be bi-wired, bi-amped, tri-wired or tri-amplified. By loosening all six rear binding posts, the linking bars can be removed so separate signals can be fed to the LF (Woofer), MF (50mm Dome) and HF (Tweeter) drivers. Ensure the binding posts are re-tightened after the linking bars are removed.

Both bi-wiring and bi-amping use two lengths of cable per speaker, tri-wiring and tri-amping use three lengths per speaker. Bi-amping also uses two separate amplifiers; tri-amping uses three, one for each driver. Please consult your dealer regarding the benefits and the correct procedure.

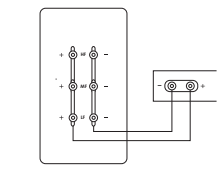
Terminal identification

Top pair of terminals - HF / High Frequency / Tweeter

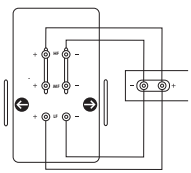
Middle pair of terminals - MF / Mid Frequency / 50mm Dome

Bottom pair of terminals - LF / Bass Frequency / Woofer

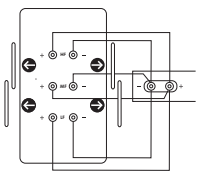
Back panel



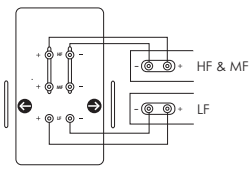
Standard/single wiring



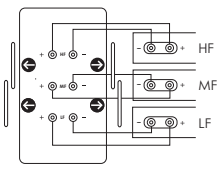
Bi-wiring



Tri-wiring



Bi-amp wiring



Tri-amp wiring

Running in or breaking in

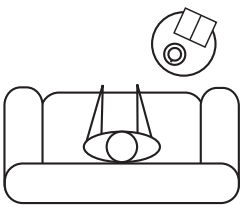
When loudspeakers are new they will take time to reach their full potential.

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 - 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 - this could be a fireplace, bookcase or television for example.

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 again experiment.

Tip A simple well recorded band with vivid vocals will help to achieve the best position

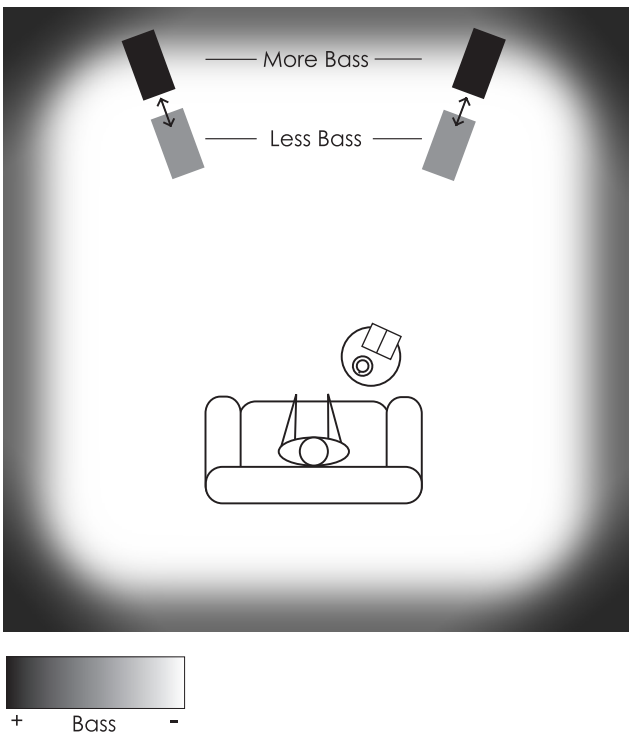
Fine tuning for perfect bass

Bass / LF (Low Frequency adjustment)

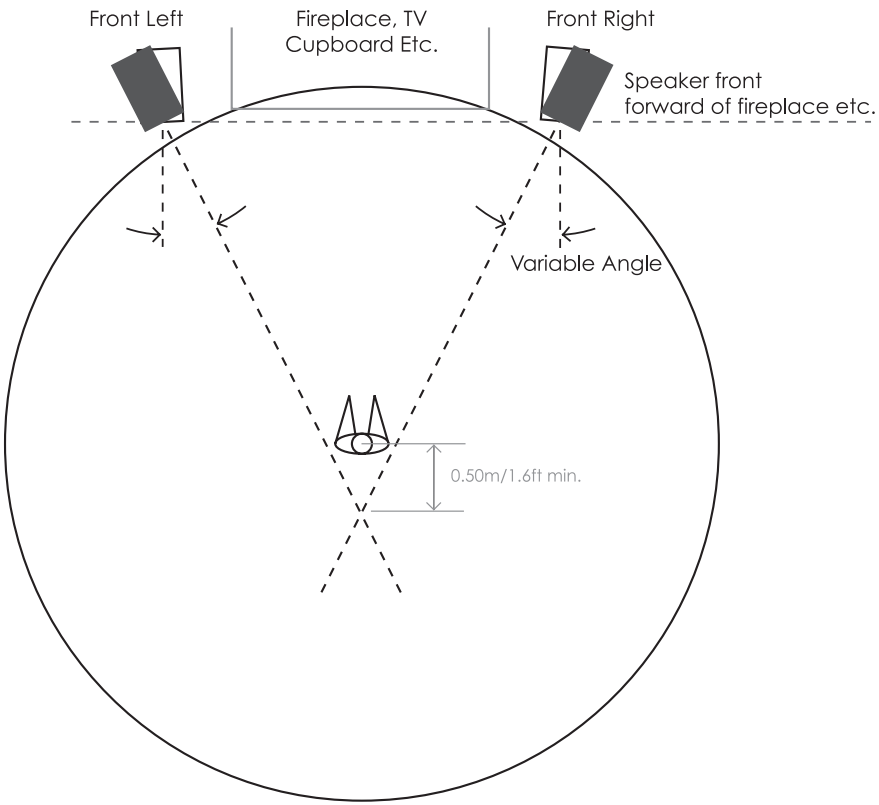
Solid boundaries (i.e. walls, ceilings and floors) reflect sound and help to contain it within a room. They make a speaker sound louder the closer they are to them, especially in the low frequency (bass) region.

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 **twenty** 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.

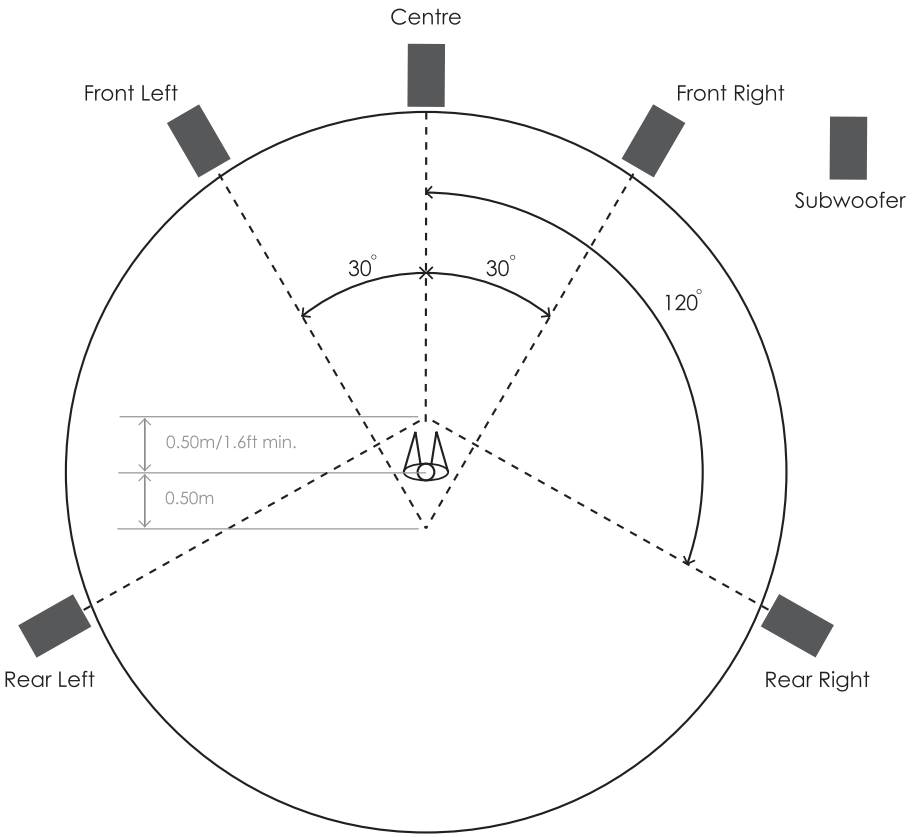
Tip The guidance given in the 'Stereo set up and 'Fine tuning for perfect bass' also apply to the set up of a surround system.

Note

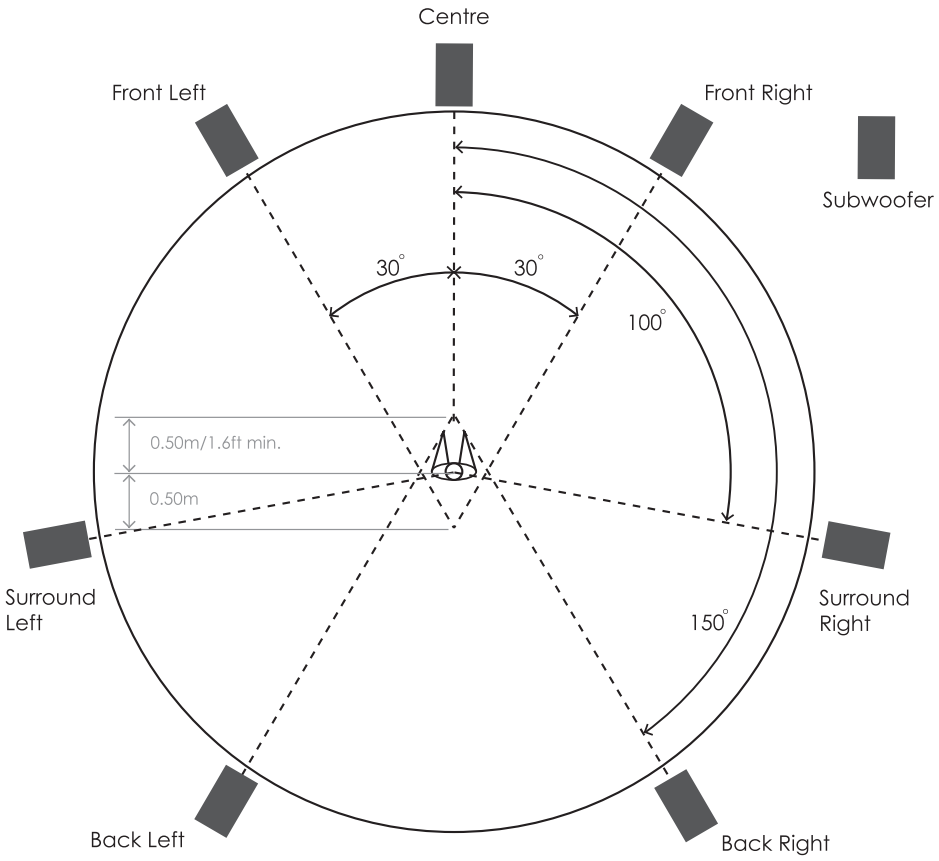
7.1 Systems

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.

Ideal 5.1 surround set up



Ideal 7.1 surround sound set up



Service

We are confident your **twenty** 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 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

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" x **W** 152mm 6" x **D** 277mm 11" (+ 6mm grille)
Weight	5kg 11 lbs

twenty·22

Freq response	40Hz – 25kHz
Sensitivity	90dB 1w 1m
Recommended amp power	30 - 200W
Effective *ATL*™	2m (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" x **W** 184mm 7.25" x **D** 367mm 14.45" (+ 6mm grille)
Weight	8kg 17.6 lbs

Specifications

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" x **W** 152mm 6.0" x **D** 330mm 13.0" (+25mm spikes) (+ 6mm grille)
Weight	13.2kg 29 lbs

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" x **W** 184mm 7.24" x **D** 419mm 16.5" (+25mm spikes) (+ 6mm grille)
Weight	21kg 46.2 lbs

Specifications

twenty®26

Freq response	27Hz – 25kHz
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 6.5" / 170mm cone with cast alloy chassis **MF** PMC 50mm **twenty** series soft 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" x **W** 190mm 7.5" x **D** 439mm 17.3" (+25mm spikes) (+ 16mm grille)
Weight	22.5kg 49 lbs

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** 2 x 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" x **W** 520mm 20.5" x **D** 305mm 12" (+ 6mm grille)
Weight	9.5kg 21 lbs

Warranty on-line

SIMPLY ACTIVATE YOUR 20 YEAR WARRANTY ON-LINE

GO TO 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 31 & 32 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 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 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
◯ HiFi Choice	◯ Future Music	◯ T3	◯ mixonline.com
◯ What HiFi	◯ Sound on Sound	◯ Stuff	◯ gearslutz.com
◯ Stereophile	◯ Audio Media	◯ GQ	◯ avreview.co.uk
◯ HiFi World	◯ Pro Sound News	◯ EVO	◯ techradar.com
◯ HiFi Critic	◯ Resolution	◯ FHM	◯ HiFi WigWam.com
◯ HiFi News	◯ Audiofanzine	◯ Shortlist	◯ What HiFi.com
◯ HiFi+	◯ IBE	◯ Maxim	◯ the-ear.net
◯ Gramophone	◯ Tape Op	◯ Esquire	◯ Other
◯ Other	◯ Other	◯ 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 **twenty** series loudspeakers detailed on the front of this user guide.

This document should not be construed as a commitment on the part of The Professional Monitor Company Limited (PMC). The information it contains is subject to change without notice. PMC assumes no responsibility for errors that may appear within this document. Information subject to change.

'The trade marks TWENTY and **twenty** are trade marks, and in the United Kingdom, registered trade marks, of The Professional Monitor Company Limited'. This document should not be construed as a commitment on the part of The Professional Monitor Company Limited. The Professional Monitor Company Limited will not assume responsibility for errors that may appear in this document.

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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