



SERIES

IB2*i* MB2*i* MB2XBD*i* BB5*i*

The product of obsession



PMC[®]

ATL[™]
Advanced Transmission Line

Technology

Basically speaking

The world's leading professionals rely on the accuracy of PMC's **ATL** 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.

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 England by hand, by nice people who care, and love audio

Boast - You can tell your friends you have the same speakers as Robbie Williams, Stevie Wonder, Brian May, Kraftwerk and Coldplay and if they don't believe you tell them to go to www.pmc-speakers.com and click on key clients

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, PMC designed 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 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 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'



DB17 - The smallest **ATL**™ in the range



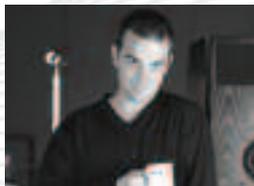
From television broadcast to major film scoring, music productions of all kinds and film and music mastering, PMC designs represent the very pinnacle of professional studio monitoring. PMC systems are to be found in the finest professional locations, including studios like Teldex and Emil Berliner, producing some of the world's greatest classical recordings for labels like Deutsche Grammophon, DECCA, Philips and Harmonia Mundi, and such respected names in the worlds of television, film and sound, as the BBC, Dolby, Dreamworks, JVC Studios Japan, Metropolis and Universal Music but to name a few.

The accumulated technical knowledge and manufacturing brilliance of PMC professional products is incorporated into all domestic product ranges from compacts to in-walls and larger floorstanders. This approach allows both demanding audio- and videophiles a clear window to experience the true feeling and passion of the original recording.

The Elite



Francis Rossi



Robbie Williams



Brian May

Stevie Wonder Google Coldplay
Kraftwerk Peter Gabriel
Robbie Williams Brian May
Eleanor McEvoy Fox FM
Francis Rossi - Status Quo
Brian Ferry Robert Fripp
SONY DOLBY® Bryston Tori Amos
Underworld Crystal Method
Tony Bennett Prince Sony
Rough Trade BBC Radio BBC TV
Capital Radio Universal Music
Piccadilly Radio RTL Emil
Berliner/Deutsche Grammophon
NFL (National Football League)
teldex Studios Hospital HDTV
Broadcast Studios Digidesign®
Siemens EMI Royal Shakespeare
Company DECCA The Moving
Picture Company Damien Hirst
Paul Merton ORF The University
of Music - Düsseldorf The Royal
School of Music JVC DENON UK
The Royal Astronomical Society
Warner Music Capitol records
Chesky records N.Y. University



The entire *i* series now feature the same supreme level of fit and finish that rank with any of the world's leading furniture. This can only be achieved with a blend of traditional and sophisticated modern construction techniques. The natural real wood veneers are painstakingly book matched so both left and right cabinets appear as their perfect partner, then they are hand finished to produce a sumptuous, blemish free sheen on all faces of the cabinet.

< The precision built SONOLEX™ domed tweeter and custom dispersion plate were born out of the collaboration with the PMC and the Norwegian acoustic specialists, SEAS®. The resulting effects are spectacular with a perfectly natural and delicate veil of sound suspended across the entire room, making individual vocals or instruments wholly tangible.

PMC's holistic design philosophy ensures that all areas of loudspeaker are treated with equal importance. This is of course the case for the sophisticated **ATL**™ cabinet which is damped and tuned and therefore works in perfect harmony with the precision drive units and crossover networks - The perfect balance.



No area of aesthetic has been overlooked, solid metal hand polished badges feature on all models which adds to the finely honed feel.

Cutting edge engineering

The legendary PMC 75 - Soft domed mid range driver

A holographic vocal presentation that envelopes the entire room is just one of the long list of attributes of the PMC 75. This meticulously handcrafted device offers the best mid range clarity and definition of any drive unit available today. This has only been made possible by PMC's design engineers, who, after many years of R&D have pushed the parameters of what was previously thought to be unachievable. The result is the pinnacle of large soft dome driver technology.



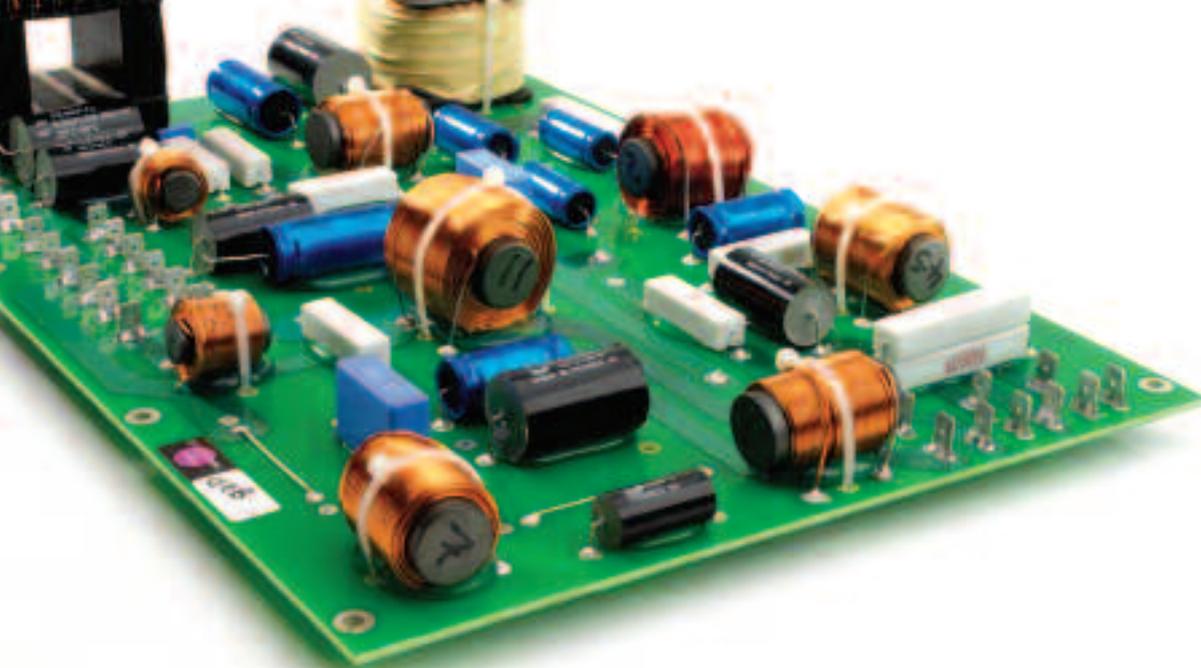
The Radial™ bass unit - Awesome power

The large MB & BB models have the capability of producing the deepest and most detailed bass available. To do this requires some very radical engineering and this comes in the form of the patented Radial™ bass driver. The huge cast alloy exo-skeleton frame not only creates the ultimate rigid platform for huge driver excursions but importantly acts as a highly effective heat sink for the coil. Keeping the coil thermally stable ensures not only supreme reliability but the quality and level is maintained perfectly - Every kick drum, every plucked bass note is faithful to the last.

The PMC Piston - Ultra potent

The EB and IB models house a variant of PMC's **ATL** which is aptly named a high pressure version. The reduction in cabinet size without loss of scale and dynamics requires an **ATL** that is extremely condensed in length and volume. To create the illusion of a vast cabinet the air density is effectively increased by densely packing the internal labyrinth with various formulae of highly specified acoustically absorbent foams. A standard drive unit would simply collapse and lack the massive power required to drive the air through this packed line. The ultra rigid PMC carbon fibre piston driver is the perfect solution. Two sheets of aerospace carbon fibre sandwich a honeycomb of Nomex® which in turn is driven by an enormous coil and motor assembly. No other bass loading principle has the ability to produce this level and depth of bass from such a compact cabinet.





The precision crossover - individually tailored for each model

Seamlessly integrating the high, mid and bass drivers of the large i series range are 24dB per octave Linkwitz-Riley crossover networks with up to thirty six hand selected and matched elements on each board. The foundation is a military grade glass fibre board with ultra thick pure copper tracks which are aligned for optimum signal path and massive current capabilities. This network of hand selected, measured and recorded components precisely divides the incoming signal from the amplifier and provides each of the drivers with the optimum frequencies. Its sophisticated steep order, high power handling abilities optimises the speaker's ultra wide dispersion characteristics. A natural rich balance and stereo image can be experienced over a wide area, not only in the prime listening position.

The designer frame stand

The 'designer' frame stand takes it's influences from great architects works as Mies Van De Rohe & Marcel Breuer. Their work, as with the consumer frame stand, display clean simple lines which seem effortless to create, but in truth hide a large commitment to R&D. This has ensured not only a form which is easy on the eye, but also a stunning technical performer. Its delicately simple form belies its integral strength which allows the loudspeaker to operate perfectly from a stable and rigid platform. The frame is 'tuned' and damped with a precise quantity of filling, making certain there is no colouration from unwanted resonance.



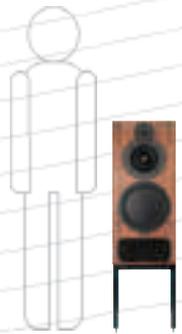


IB2*i* - Walnut

The IB2*i* is a three way, high resolution reference monitor.

Its strengths are phenomenal dynamics, resolution and transparency, all of which derives from a fronted vented **ATL**[™] (Advanced Transmission Line) design.

The original brief was to design a three-way reference monitor that had the transparency and dynamics of the larger designs but in a potent compact package, which the IB2*i* certainly fulfils with ease. The IB2*i*'s roots are firmly planted in the professional studio realm where it has become the reference for the world's leading music makers and producers that includes: Kraftwerk, Teldex of Berlin who record for the premier classical label Deutsche Grammophon, and Japan's foremost studio, JVC, to name but a few.



Scale

This potent combination of its extremely condensed **ATL**[™], *i* series tweeter, PMC's legendary 75mm soft dome mid range and the unique carbon fibre and Nomex[®] ten inch piston driver produces a highly refined and natural tonal balance with the ability to flood medium to larger rooms with unequalled audio reproduction.



IB2 centre channel - IB2-*Ci*



Matching passive sub - SB100

- Dedicated low profile centre channel - IB2*i*
- Matching subwoofer for home theatre - SB100
- PMC/SEAS[®], 27mm SONOLEX[™] soft dome tweeter, ferro-fluid cooled
- The legendary PMC 75 - 75mm soft dome mid range
- PMC ten inch Piston bass driver
- Phenomenal bass response reaching 25Hz
- Suitable for tri-wiring or tri-amping
- Bespoke, pre-tuned 'designer' stands



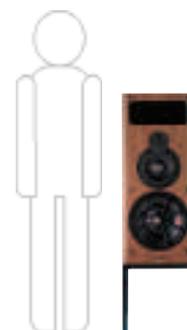
MB2



MB2*f* - Walnut

The MB2*f* is a larger three way, high resolution **ATL**™ reference monitor that displays all the grip, resolution and dynamics of the smaller IB2*f* with the ability to resolve even greater detail in the very low frequencies. Its extended frequency range reaches a dramatic 20Hz which simply adds to the scale providing greater headroom and depth - ideal for those looking for a no compromise solution with a very grand audio presentation in either stereo or surround.

The MB is a feature of many world renowned broadcasters and music makers' facilities such as Brian May, Coldplay and the BBC. It is the first of the PMC range to feature the radically engineered Radial™ bass unit with its colossal exo-skeleton that provides exceptional physical and thermal stability. This guarantees the perfect rigid structure to produce both minute subtleties and enormous excursions.



Scale

The beautifully veneered and acoustically tuned cabinet of the MB is constructed from precision cut panels that increase to a thickness of over thirty five millimetres. The internal faces are further damped and then braced by the labyrinth that creates the much extended **ATL**™, forming the ideal conditions for pure untainted audio to be formed.

The signature of the MB2*f* is an unrestricted dynamic range with the ability to produce music with wonderfully tantalizing subtlety.

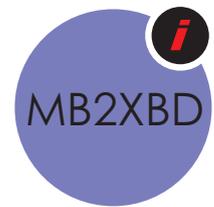
- Dedicated low profile centre channel – MB2-C*f*
- Matching subwoofer for home theatre – XB2
- PMC/SEAS® , 27mm SONOLEX™ soft dome tweeter, ferro-fluid cooled
- The legendary PMC 75 - 75mm soft dome mid range
- PMC twelve inch Radial™ bass driver
- Phenomenal bass response reaching 20Hz
- Suitable for tri-wiring or tri-amping
- Bespoke pre-tuned 'designer' stands



MB2*f* centre channel – MB2-C*f*



Matching passive sub – XB2

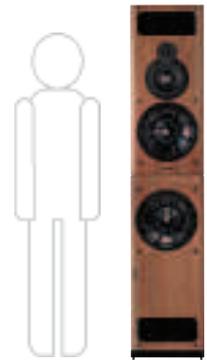


MB2XBDi - Walnut

The MB2XBDi is a floorstanding, **ATL**™ passive monitor and is an interesting alternative to the BB5i. It shares the same characteristic delivery of vast scale and astonishing detail at all listening levels but in a slimmer flexible twin cabinet design.

The origins of the MB2XBDi can be found in the professional active version which is currently the reference of the world's leading classical music producers, Emil Berliner/Deutsche Grammophon of Berlin and world renowned conductors along with the leading movie music composers who also regarding them as the apex of audio reproduction.

This passive version features the same PMC hand built 75mm mid range and twin twelve inch Radial™ bass units as the active but with the flexibility of choice of amplification due to its passive nature. Intelligent engineering has produced a design that is easy to drive allowing for partnerships with a vast array of quality electronics. For isolation purposes the massively engineered crossover is housed in a dedicated enclosure and is mounted externally on the rear of the lower cabinet.



Scale

This statuesque twin cabinet tower arrangement not only provides increased low frequency headroom by a considerable amount, (3dB) but provides a smoother in room response with the output of bass energy produced throughout the height of the room. This eradicates the effects of uneven room nodes. Put simply, a pure, rich balanced sound with a vast audio picture is achieved in a less than perfect listening room, which is not possible with lesser designs.

- Dedicated low profile centre channel – MB2-Ci
- Matching subwoofer for home theatre – XB2
- PMC/SEAS®, 27mm SONOLEX™ soft dome tweeter, ferro-fluid cooled
- The legendary PMC 75 - 75mm soft dome mid range
- Twin PMC twelve inch Radial™ bass drivers
- Phenomenal bass response reaching 20Hz
- Externally mounted crossover units
- Suitable for tri-wiring or tri-amping
- Black, silk finished isolation plinths



MB2XBDi centre channel – MB2-Ci



Matching passive sub – XB2



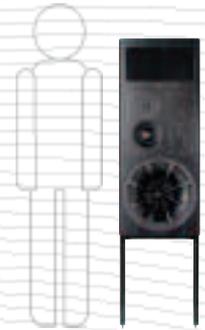
BB5



BB5*i* - Black

The BB5*i* is the largest of the three way, high resolution **ATL™** reference monitors and has many claims to fame throughout the professional and audiophile world. One of these claims is the loudspeaker that made Stevie Wonder get up and dance in the control room of his Wonderland Studios, which is no mean feat.

The BB5*i* presents everything with absolute ease, grace and above all a natural openness like no other passive loudspeaker. The best comparison would be a trip in the ultimate limousine, where there is the feeling of utmost dependability with massive power and speed available on tap when required. These are ideal attributes for any audio or videophile who must engage with the purest essence of a production whether in stereo or in the ultimate surround configuration.



Scale

The striking Radial™ bass unit is of an identical design to that of the MB2*i* but has far greater power handling properties and greater cone area. This massive fifteen inch driver has the ability to produce not only the finest timbre but also continuous high quality output which aided by the cooling effects of the exposed exo-skeleton which acts as a highly efficient heat sink. No other passive loudspeaker offers this level of resolution and feeling of inexhaustible headroom.

- Dedicated low profile centre channel – BB5-C*i*
- Matching subwoofer for home theatre - XB3
- PMC/SEAS®, 27mm SONOLEX™ soft dome tweeter, ferro-fluid cooled
- The legendary PMC 75 - 75mm soft dome mid range
- PMC fifteen inch Radial™ bass driver
- Phenomenal bass response reaching 17Hz
- Suitable for tri-wiring or tri-amping
- Bespoke pre-tuned 'designer' stands



BB5*i* centre channel – BB5-C*i*



Matching passive sub – XB3

HOLLYWOOD

It is critical for the composers and engineers of multi million dollar blockbusters to get it right'. They do it with speakers from the Emmy® award winners - PMC

As with all the PMC professional and domestic ranges, the i series can be mixed and matched to create the ultimate home cinema system with horizontal centre channels available for each model – IB2-*Ci*, MB2-*Ci*, BB5-*Ci*. There are also dedicated subs to handle the .1 channel – SB100, XB2 & XB3 sub for both multichannel music and any Hollywood blockbuster.

- WATCHMEN
- MONSTERS VS. ALIENS
- INDEPENDENCE DAY
- REVOLUTIONARY ROAD
- SPIDERMAN III
- ATLANTIS - THE LOST EMPIRE
- HITCHHIKER'S GUIDE TO THE GALAXY



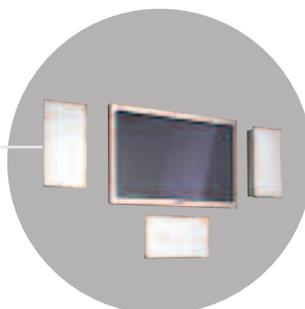
- PIRATES OF THE CARIBBEAN III
- HULK
- DIE ANOTHER DAY
- TERMINATOR III
- MY BEST FRIEND'S WEDDING
- AMERICAN BEAUTY
- CHICAGO
- PLANET OF THE APES
- FINDING NEMO
- THE SIXTH SENSE
- THE FUGITIVE
- LOVE ACTUALLY

Create the ultimate home entertainment system with any combination of the the *i* series



wafer™

For a discrete, stylish solution to surround or stereo look no further than the new **wafer**™ series of in and on wall speakers.



- THE PASSION OF THE CHRIST
- FRENCH KISS
- DANTE'S PEAK
- 2 FAST 2 FURIOUS
- ONE FINE DAY
- LARA CROFT TOMB RAIDER: THE CRADLE OF LIFE
- AND MANY MANY MORE.....

Specifications

Product	PB1	EB1	IB2	MB2	MB2XBD	BBS	SB100	XB2	XB3
Freq response	24Hz-25kHz	19Hz-25kHz	25Hz-25kHz	20Hz-25kHz	20Hz-25kHz	17Hz-25kHz	20Hz-200Hz	20Hz-200Hz	17Hz-200Hz
Sensitivity	87dB 1w 1m	89dB 1w 1m	89dB 1w 1m	91dB 1w 1m	91dB 1w 1m	91dB 1w 1m	89dB 1w 1m	91dB 1w 1m	91dB 1w 1m
Effective ATL™ (Advanced Transmission Line) length	3.5m 11.5ft	4m 13ft	2.4m 8ft	3m 10ft	2.3m 2x 10ft	4m 13ft	2.8m 9ft	3m 10ft	4m 13ft
Impedance	6 Ohms	4 Ohms	4 Ohms	4 Ohms	4 Ohms	4 Ohms	4 Ohms	4 Ohms	4 Ohms
Drive units	LF 2x PMC Doped 6 1/2" 170mm Cof. Alloy Cross HF 27mm SONOLEX™ Soft dome Ferro fluid cooled MF 75mm Soft dome	LF PMC 10"/250mm Carbon Fibre & Nomex™ Piston HF 27mm SONOLEX™ Soft dome Ferro fluid cooled MF 75mm Soft dome	LF PMC 10"/250mm Carbon Fibre & Nomex™ Piston HF 27mm SONOLEX™ Soft dome Ferro fluid cooled MF 75mm Soft dome	LF PMC 12"/310mm Radial™ driver HF 27mm SONOLEX™ Soft dome Ferro fluid cooled MF 75mm Soft dome	LF 2x 12"/310mm Radial™ Drivers HF 27mm SONOLEX™ Soft dome Ferro fluid cooled MF 75mm Soft dome	LF PMC 15"/380mm Radial™ driver HF 27mm SONOLEX™ Soft dome Ferro fluid cooled MF 75mm Soft dome	LF PMC 10"/250mm Carbon Fibre & Nomex™ Piston HF 27mm SONOLEX™ Soft dome	LF PMC 12"/310mm Radial™ driver HF 27mm SONOLEX™ Soft dome	LF PMC 15"/380mm Radial™ driver HF 27mm SONOLEX™ Soft dome
Crossover Freq	380Hz & 3.8kHz - 24dB/Oct	380Hz & 3.8kHz - 24dB/Oct	380Hz & 3.8kHz - 24dB/Oct	380Hz & 3.8kHz - 24dB/Oct	380Hz & 3.8kHz - 24dB/Oct	380Hz & 3.8kHz - 24dB/Oct	380Hz & 3.8kHz - 24dB/Oct	380Hz & 3.8kHz - 24dB/Oct	380Hz & 3.8kHz - 24dB/Oct
Input connectors	3 ports 4mm sockets (Tri-Wire or Tri-Amp)	3 ports 4mm sockets (Tri-Wire or Tri-Amp)	3 ports 4mm sockets (Tri-Amp or Tri-Wire)	3 ports 4mm sockets (Tri-Amp or Tri-Wire)	3 ports 4mm sockets (Tri-Amp or Tri-Wire)	3 ports 4mm sockets (Tri-Amp or Tri-Wire)	1 pair 4mm sockets	1 pair 4mm sockets	1 pair 4mm sockets
Dimensions	H 1108mm 42.5" + Finish W 204mm 8" + Finish D 401mm 15.8" + Finish	H 1160mm 45.6" + Finish W 294mm 11.8" D 465mm 18.3" + Grille	H 740mm 29.1" + 1/4" Stand W 430mm 13" D 485mm 19" + 12mm grille	H 870mm 34.25" + 1/4" Stand W 380mm 14.96" D 555mm 21.85" + 15mm grille	H 1740mm 68.50" + 35mm plinth W 380mm 14.96" D 555mm 21.85" + 15mm grille (+ 150mm crossover housing)	H 1040mm 40.94" + 20" Stand W 432mm 17.01" D 810mm 31.10" + 15mm grille	H 510mm 20.08" W 630mm 24.8" D 370mm 14.56" + 15mm grille	H 380mm 14.96" W 870mm 34.25" D 555mm 21.85" + 15mm grille	H 432mm 17.01" W 1040mm 40.94" D 790mm 31.89" + 20mm grille
Weight	24kg 57lbs	48kg 105.6lbs	41kg 90.2lbs	49kg 108lbs	98kg 215.4lbs	73kg 160lbs	40kg 88lbs	3kg 85.5lbs	63kg 126lbs
Options	Matching Centre channel CB6 Centre channel TLE Active Subwoofer	Centre channel CB6 SB100 sub woofer 1M Magnetic shielding	1/4 Designer frame stand SB100 Centre channel SB100 Sub woofer	1/4 Designer frames stand MB2 Centre channel MB2 Sub woofer	MB2 Centre channel X82 Sub woofer	20" Designer frame stand BBS Centre channel XBS Sub woofer	Sub for the 1 channel in on AMLI, IB2 or EB1 surround system. N.B. SB100 is available in Black Studio S finish only.	Sub for the 1 channel in on MB2 surround system Can be used horizontally or vertically	Sub for the 1 channel in a BBS surround system Can be used horizontally or vertically



PMC®

subject to change without notice



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