



THE SPEAKERS THAT MAKE THE MOVIES

## A Message from Peter Thomas, Owner and Chief Designer



Peter Thomas  
Owner & Chief Designer



"To create the ultimate in home cinema systems and replicate the sound envisioned by the director requires the world's leading loudspeakers and best-in-class designers. We've been producing speakers for the professional cinema production industry for over twenty-five years, with our large monitors used across the world by some of the biggest names in movies. The list of films that have been composed, mixed or mastered using PMC is enormous: Skyfall, Armageddon, The Dark Knight, The Avengers, Pirates of the Caribbean and Titanic, to name but a few.

If you want to recreate the awe-inspiring realism and stunning dynamics of a blockbuster movie in your home cinema then there is no better choice of loudspeaker than the ones used to make the movies themselves. And with installations which bring together expertise in acoustics, electronics, rigging and project integration, you can be assured that a PMC-equipped home cinema will exceed your highest expectations.

Welcome to PMC and the speakers that make the movies."

A handwritten signature in white ink that reads "P. Thomas". The signature is stylized and cursive.



*"I first heard PMC in LA and was astounded at how clean and beautiful they sounded - I was really amazed at what a difference good speakers can make to a movie mix. They were very neutral, with no hype and no colouration - they reveal everything."*

**Tommy Vicari, Scoring Engineer**  
Multiple Grammy and Emmy award winner

- Man of Steel
- Saving Mr. Banks
- Iron Man 2
- Road to Perdition





*"I have produced countless film and television scores on my PMCs and their accuracy, resolution, and transparency are second to none. I have depended on them for years to tell me the truth, and they have never let me down!"*

**Dennis Sands, Recording & Scoring Engineer**

- Forrest Gump
- Independence Day
- American Beauty
- The Bourne Supremacy
- Spider-Man & Spider-Man 2

# THE CHOICE OF HOLLYWOOD

Peter Thomas and Adrian Loader, two highly experienced audio engineers, founded PMC in 1991. Their combined knowledge and life-long passion for music led to the production of PMC's first product: the BB5-A, an active studio monitor. This product was embraced first by BBC Maida Vale Studios and Europe's largest music production facility, Metropolis. PMC remains the reference in studios across the world involved in major motion pictures.

PMC's role was recognised in 1996 when the company was awarded an Emmy® for its "**contribution to recording excellence**". No other loudspeaker company has been honoured in such a way by the very people who make the movies.



Emmy award

*"No other loudspeaker company has been honoured in such a way by the very people who make the movies."*



## Blockbusters made with PMC loudspeakers

The Adjustment Bureau  
American Beauty  
Argo  
The Avengers  
The Borgias  
The Bourne Supremacy  
Captain America:  
(The First Avenger)

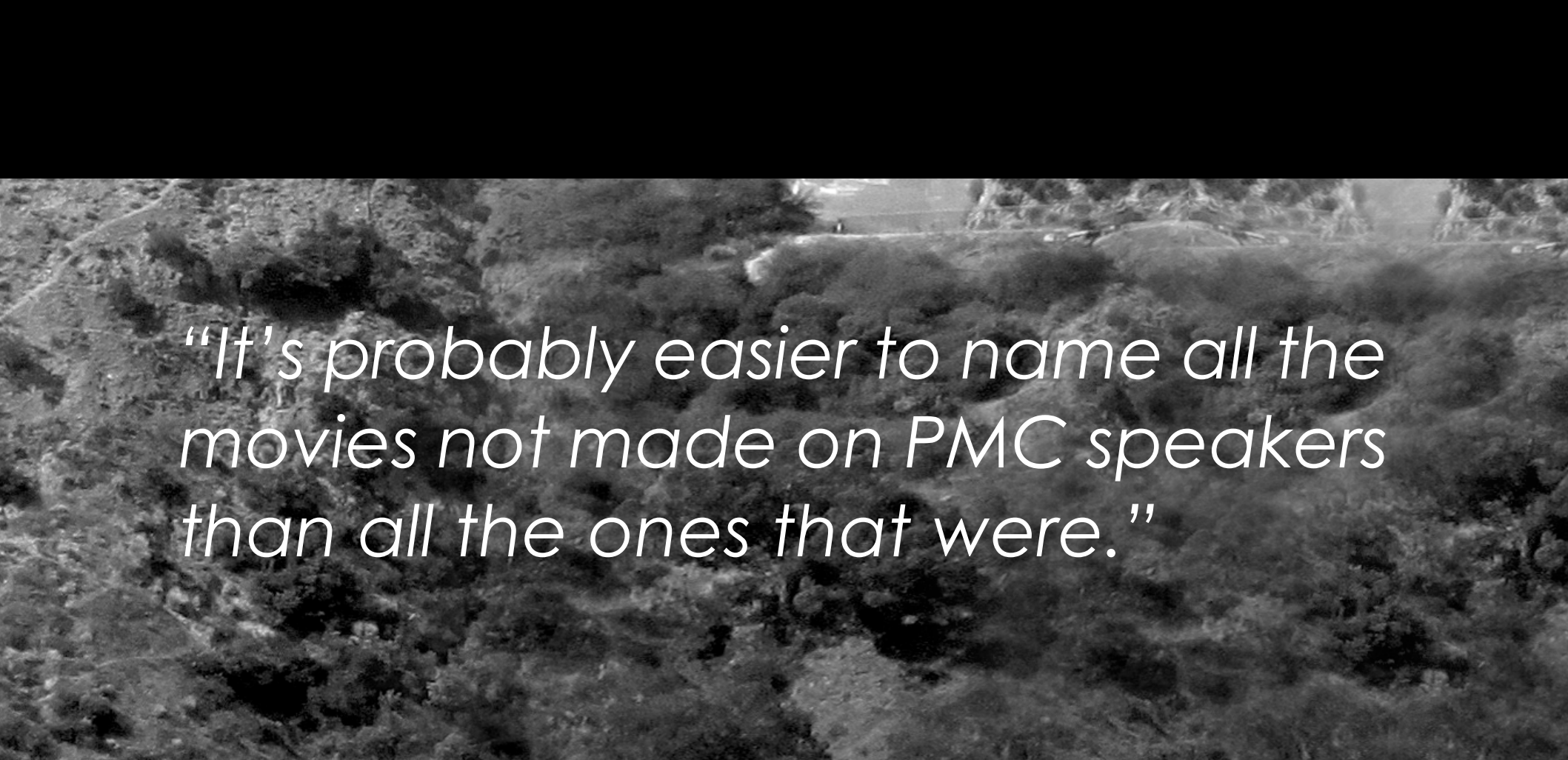
Captain America:  
(The Winter Soldier)  
Captain Phillips  
The Croods  
Die Another Day  
Dracula Untold  
Equilibrium  
Equalizer

Finding Dory  
Finding Nemo  
Flags of our Fathers  
Flight  
Gamer  
Game of Thrones  
G.I. Joe:  
The Rise of Cobra

G.I. Joe:  
(Retaliation)  
Godzilla (2014)  
The Green Mile  
Hansel & Gretel:  
(Witch Hunters)  
Hellboy 2:  
(The Golden Army)

Hitman  
Hulk  
Immortals  
Independence Day  
Iron Man  
Iron Man 2  
Jarhead  
The Last Samurai

Lego Movie  
Letters From Iwo Jima  
Life of Pi  
Lone Ranger  
Man of Steel  
Men in Black 2  
Men in Black 3  
Mr. & Mrs. Smith



*“It’s probably easier to name all the movies not made on PMC speakers than all the ones that were.”*

Night at the Museum:  
(Battle of the  
Smithsonian)  
Night at the Museum:  
(Secret of the Tomb)  
Olympus Has Fallen  
The Pacific  
Pacific Rim

Pearl Harbor  
Pirates of the Caribbean:  
(Curse of the Black Pearl)  
Pirates of the Caribbean:  
(Dead Man’s Chest)  
Pirates of the Caribbean:  
(At World’s End)  
Planet of the Apes


Puss in Boots  
Real Steel  
Red  
Red 2  
Resident Evil:  
(Apocalypse)  
Road to Perdition  
Skyfall

Spider-Man 1 - 3  
The Strain  
Terminator:  
(Rise of the Machines)  
The Tudors  
Turbo  
Underworld  
U-571

Van Helsing  
Vikings  
Wall-E  
Wreck it Ralph  
X-Men: First Class  
21 Jump Street  
22 Jump Street

and the list is still growing...



A photograph of a modern home theater room. The room features several large, black leather armchairs arranged in a semi-circle. The walls are dark, and there are large, rectangular panels mounted on the wall, which are likely part of a surround sound system. The lighting is warm and focused on the seating area.

*"The main thing about PMC, for me, is that it makes speakers that you forget are there. You stop thinking of them as speakers - they're a conduit for music and sound, and you just believe what you're hearing."*

**Thomas Newman, Composer**  
Six-time Grammy Winner and 12-time Oscar Nominee

- Skyfall (James Bond)
- WALL-E
- Finding Nemo
- The Adjustment Bureau
- Spectre



*"I soon discovered that they were easy to listen to, and very smooth-sounding - an essential requirement for high-precision loudspeakers. They let me hear every nuance of a movie score."*

**James Hill, Recording/remix engineer**

- Collateral
- The Sixth Sense
- King Kong
- Mad Men
- Fargo

# POWER, DRAMA & PURE ENTERTAINMENT LIKE NO OTHER

Building on the state-of-the-art performance of PMC's high-end reference loudspeakers, our active and passive designs combine the finest traditions of British cabinet-making and cutting-edge acoustic research and development techniques. These are the loudspeakers used to create the movies and music you love, and nothing will bring you closer to the sound its creators intended you to hear.

## The choice is yours - passive or active

PMC's larger loudspeaker systems are available in both active and passive versions. With passive loudspeakers, the choice of amplification is left open; PMC's passive designs work optimally with a correctly specified amplifier.

PMC's active designs take loudspeakers to another level; the amplification is precisely tailored to the specific designs and power requirements of the speaker, and is directly coupled to the drive units for superior control and a more efficient transfer of energy. This increases headroom and resolution, improves transient performance, and produces a more life-like, natural-sounding and more powerful speaker. Active systems can also be adjusted to suit customer taste and the individual listening environment by means of frequency controls - and to guarantee optimum performance in situ, they are always tuned by our factory-trained installation engineers.



PMC

# MIXING & MATCHING TO CREATE THE ULTIMATE SYSTEM

All speakers in the PMC range are designed with an identical tonal balance and a very wide sound dispersion characteristic. This provides the ultimate in flexibility for the designer, enabling the mixing and matching of different models within a system to suit the aesthetic and size constraints of the environment, without compromising the quality of the experience.



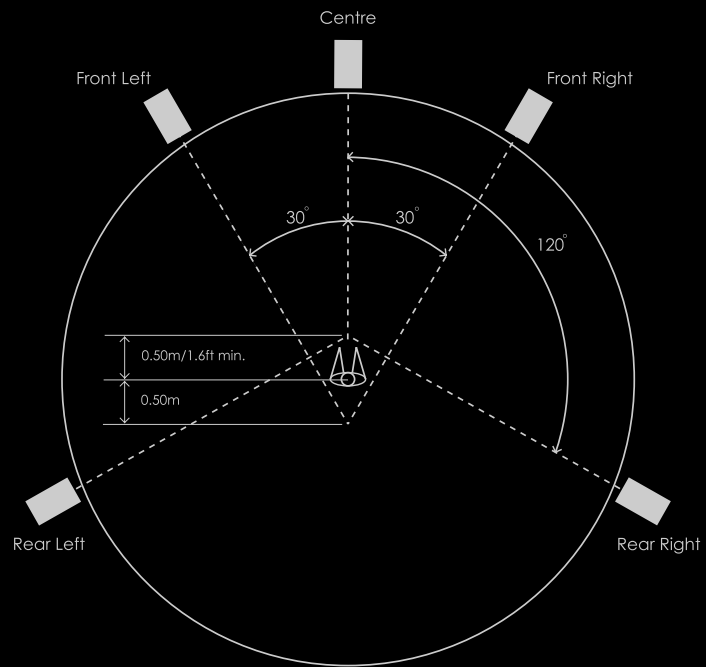
Cinema featuring MB2 XBD-Active, MB2 C-Active, wafer2 (on wall) surrounds

# MODELS FOR EVERY FORMAT

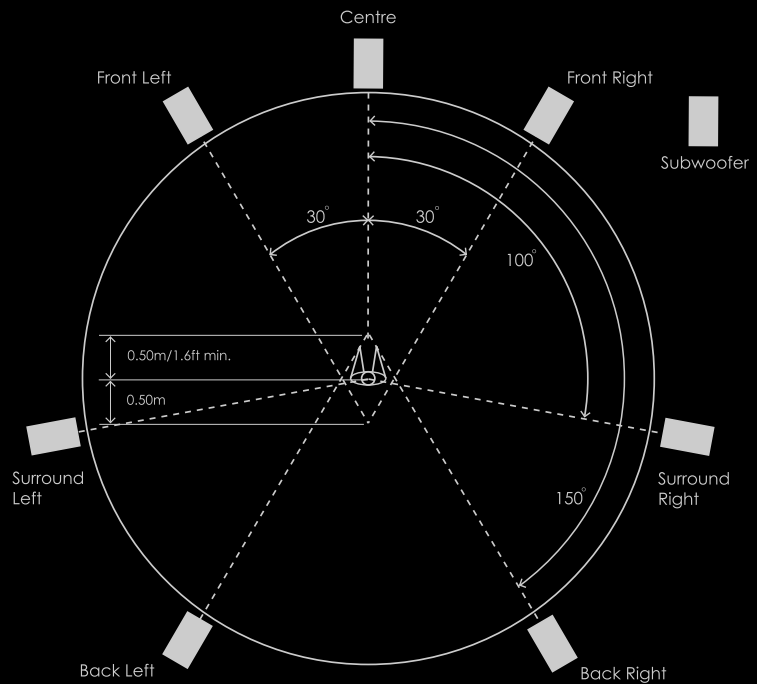
With the vast array of product options from PMC, it is simple to create a bespoke state-of-the-art home cinema that will take full advantage of the latest surround sound formats, regardless of the number of channels or the placement of the speakers.

At PMC, our aim is to bring the experience of the studio right into your home and we are confident that any PMC speaker system has the ability to reproduce more information than any other, giving a truly life-like performance. So by using a PMC speaker system, you can rest assured that you will really hear the benefit of the high-definition soundtracks on offer in the latest movies. The breathtaking surround soundtrack may well have been created on PMC loudspeakers in the first place.

5.1



7.1



All immersive formats including:





# IB1S

The extremely versatile IB1S has become a legend in both Hollywood studios and home theatre markets, and is the perfect speaker for small- to medium-sized domestic cinemas. The IB1S was used to create iconic movies like Finding Nemo, X-Men, American Beauty, The Green Mile, Letters From Iwo Jima, Spider-Man and many more.

The speaker features a three-way design with wide-dispersion soft-domed fabric mid- and high-frequency units and PMC's 10-inch carbon-fibre/Nomex™ flat-piston low-frequency driver. This patented bass driver increases dynamic handling and eliminates distortion, creating not only a highly accurate but also a captivating and engaging listening experience.

Adding the associated SB100 sub and the IB1S-C Center channel makes for a potent combination, further reinforcing the IB1S's persuasive credentials.



Studio Black

Passive



IB1S-C



IB1S



IB1S  
Studio Black

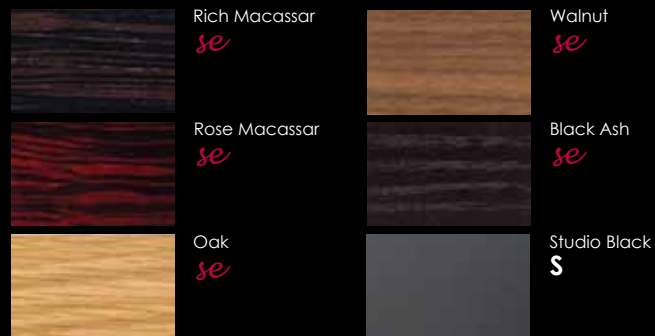
# IB2

Phenomenal dynamics, resolution and transparency are the signature of this compact three-way design. The IB2 is the most compact model to include PMC's legendary hand-built 75mm soft-dome mid-range; a driver unequalled for power and vocal clarity.

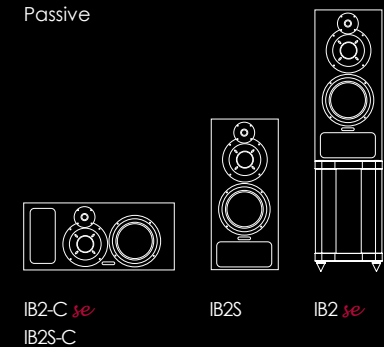
The original brief was to design a three-way reference monitor that had the transparency and dynamics of the larger PMC designs but in a compact, powerful package — a brief the IB2 fulfills with ease. IB2 is the reference for leading film music composers such as those behind Captain America: Winter Soldier, Big Hero 6, Captain Phillips, Kung Fu Panda and many more.

The combination of its extremely condensed **ATL™** and PMC's unique carbon-fibre 10-inch piston driver produces an extremely compact design that can fill medium to larger rooms with sound, and to a standard of reproduction that no others can approach.

Matching horizontal IB2 centre speakers and SB100 sub-bass units create a superlative surround combination.



Passive





IB2 *se*  
Rose Macassar

## IB2S-A

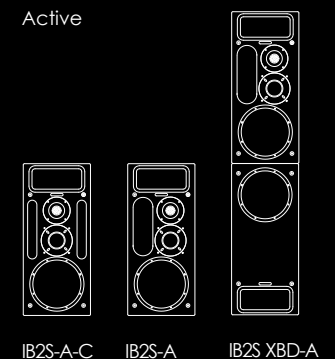
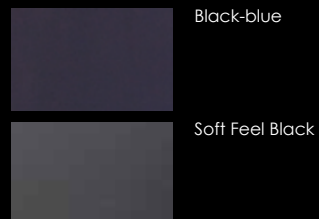
A highly flexible, three-way, active loudspeaker system available in a single (IB2S-A) or twin box (IB2S XBD-A), featuring world-class components and PMC's most advanced technologies.

The additional XBD bass unit offers two valuable advantages: it provides far greater low-frequency headroom (+3dB) and also makes driving larger rooms a breeze, ensuring that no area is lacking in true low-end energy.

Both DSP-controlled, Class-D powered **ATL™** cabinets feature the same highly powerful 10-inch carbon-fibre/Nomex™ piston drivers. The IB2S-A cabinet houses the mid-range and high-frequency drivers: PMC's hand-built 75mm fabric-dome mid-range unit produces superlative vocal transparency, while the high power handling 34mm soft-dome tweeter (featured in all of PMC's active range) takes care of the clean, silky-smooth highs. The electronics package is housed on board, with 960W of independent, true audiophile-quality power available to each active master cabinet: 200W for the high-frequency and mid-range drivers, with 560W directed to the LF driver for extended, ultra-low-distortion precision bass all the way down to a staggering 25Hz.

The IB2S Active has an enormous selection of EQ and tuning facilities, so all tastes and acoustic spaces can be catered for perfectly.

The IB2S XBD-A was the loudspeaker system demanded by Thomas Newman during the creation of the Oscar Nominated Score for the immensely successful James Bond movie, Skyfall.





IB2S-A  
Soft Feel Black

IB2S XBD-A  
Soft Feel Black

# MB2

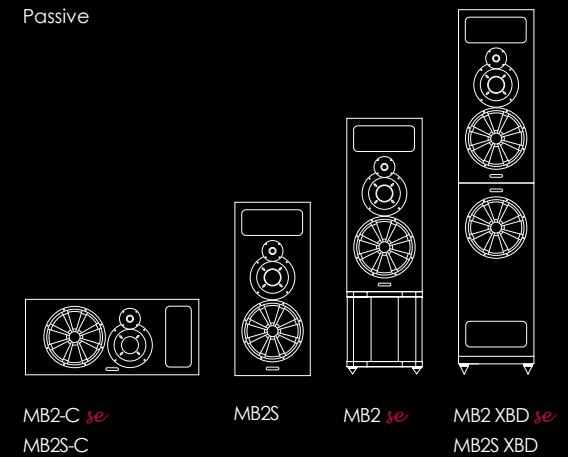
The MB2 is a larger, three-way, reference loudspeaker that displays all the grip, resolution and dynamics of the smaller IB2, and the ability to resolve even greater detail in the very low frequencies. Its extended frequency range reaches a dramatic 20Hz, adding to its scale and providing greater headroom and depth to achieve an imposing audio presentation.

The MB2 resides in many world-renowned facilities including Hans Zimmer's Remote Control Studios, where the music for the Pirates of the Caribbean movies were created.

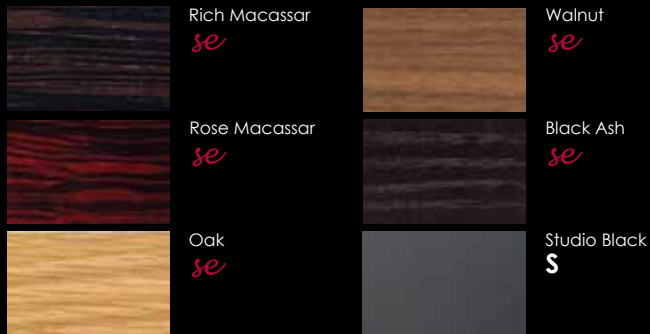
The MB2 XBD is a statuesque twin-cabinet design that provides greater dynamics and bass headroom with added excitement and realism. It is capable of large-scale performances and will comfortably reproduce the most delicate vocals and instruments at all listening levels. It is a favourite of Oscar-winning composer Trent Reznor (Social Network, Girl with Dragon Tattoo and Gone Girl)

With its matching horizontal centre speaker and sub, the MB2 series creates unparalleled surround sound combinations.

Passive



Active





MB2 XBD *se*  
Rich Macassar

MB2 *se*  
Rich Macassar



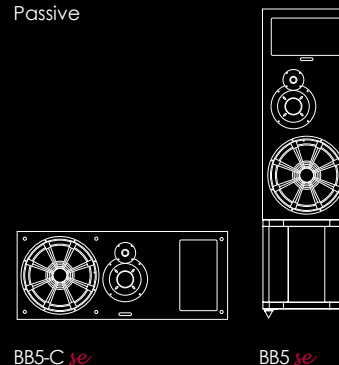
# BB5

The BB5 is the largest single-cabinet model in the range and sports a striking 15-inch Radial™ bass unit that complements PMC's **ATL™** bass-loading principle, allowing the speaker to handle music with the widest dynamic range with absolute ease and confidence. Its bass performance is legendary, with extension down to an exceptional 17Hz. Yet the BB5 isn't just designed for the loudest works; subtle acoustic material is reproduced with all the dexterity and delicacy of a compact design.

Available in both active and passive forms with the active design including PMC's proprietary, high power handling 34mm tweeter and a rack of beautifully well-crafted audiophile active crossovers and high-power amplifiers totalling 1500W per channel.

For those looking for a large single-cabinet solution rather than a twin like the MB2 XBD, the BB5 is ideal, as very few single-cabinet speakers offer this level of bass extension, resolution and sensation of inexhaustible headroom.

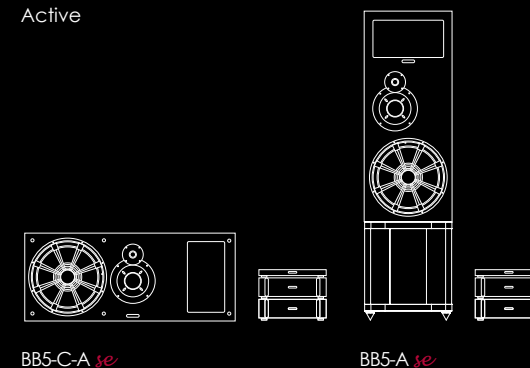
Passive



BB5-C *se*

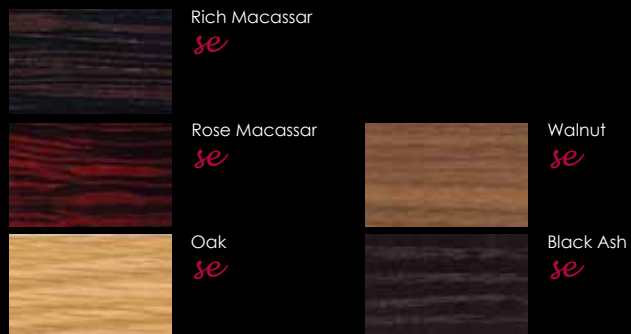
BB5 *se*

Active



BB5-C-A *se*

BB5-A *se*





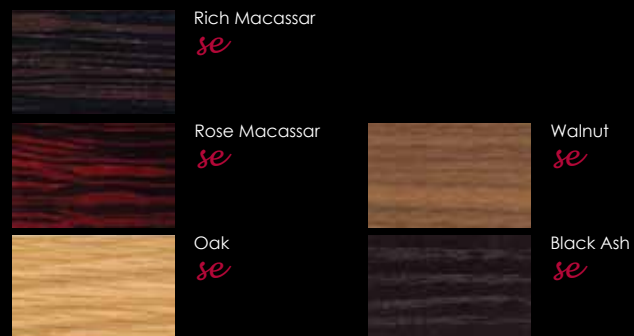
BB5 *se*  
Rose Macassar

## BB5 XBD-A

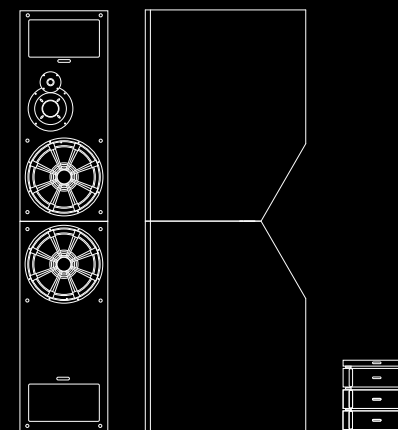
Of all PMC's astonishing speakers, the BB5 XBD Active is the one with the most impressive pedigree. A list of blockbuster movies and smash hits produced on these landmark loudspeakers is literally too long to be listed here. For more than two decades, we've heard Hollywood give us the same message, over and over again: the BB5 XBD-A allows you to hear the subtlest audio detail with unequalled clarity.

The twin-cabinet, pure analogue BB5 XBD-Active, with its distinctive 15-inch Radial™ drivers, features a vast reservoir of separately housed power amplification - more than 2400W per channel - with 3dB of extra low-frequency headroom compared to the single-cabinet BB5, and a bass response that goes down to an awe-inspiring 17Hz, making for a wider frequency range than any other speaker we manufacture. The ultra-clean highs are provided by PMC's 34mm high-frequency driver and the signature mid-range from the hand-crafted 75mm mid-range dome driver, so microscopic details are well and truly catered for.

The BB5 XBD-A captures the extremes of audible sound and all points in between, from the sonic minutiae of a delicate birdsong recording to a visceral, three-dimensional movie soundscape representing on-screen Armageddon. For the most extraordinary audio experience you'll ever have in the comfort of a cinema seat, it has to be the PMC BB5 XBD-A.



Active



BB5 XBD-A *se*



BB5 XBD-A *se*  
Rose Macassar

## QB1-A

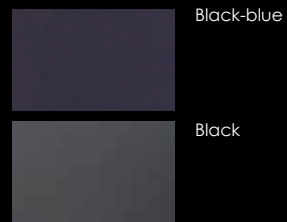
PMC's latest large-scale state-of-the-art design is perfect for the larger home theatre, offering breathtakingly realistic, pristine high-resolution audio to a standard that no commercial cinema can dream of equalling.

This is a Class-D active **ATL™** speaker with separately housed active electronics and analogue and digital inputs, featuring exceptional acoustic engineering finessed by DSP control, and immense headroom (4825W per channel) wedded to pinpoint imaging for unparalleled speed, depth, accuracy and power.

With a maximum SPL of 132dB at one metre, PMC's hand-built 75mm fabric-dome mid-range unit, and a quartet of 10-inch carbon fibre/Nomex® piston bass drivers, the QB1-A can certainly produce dynamics and sheer excitement - the sound of a gunshot through these speakers could be lethal!

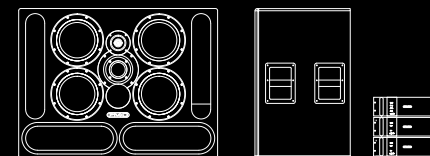
Thanks to the QB1-A's **ATL™** design and extensive tuning facilities, integration with the room acoustic is stress-free, with the QB1-A delivering the transparency, resolution, unmatched bass energy and near-tangible imaging demanded by any audio or videophile.

The credentials of the QB1-A are clear for the world to see: the first ever facilities to install them were the world-renowned Capitol Studios in the heart of Hollywood, where international artists work daily alongside Oscar-winning movie soundtrack producers.



Other finishes available on request

Active



QB1-A



QB1-A  
Black-blue

## Subwoofers

PMC provides a range of subwoofers capable of complementing the main speakers in your home theatre, to recreate the full drama of any movie soundtrack.

### SB100

PMC's SB100 subwoofer is the perfect .1 LFE match for any IB1 or IB2 home cinema package. The SB100 subwoofer features the exact same 10-inch piston driver as the IB1 & IB2 series of loudspeakers. When deep bass is required and space is at a premium, the SB100 is the most popular choice.

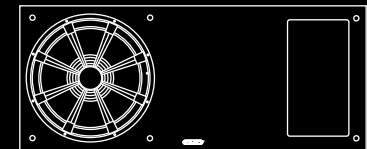
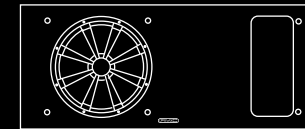
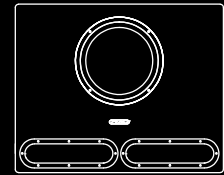
### XB2

PMC's XB2 subwoofer is the ideal .1 LFE partner for any IB1, IB2 or MB2 home cinema package. The XB2 subwoofer features the exact same 12-inch Radial™ bass driver as the MB2 series of loudspeakers. When deeper, tight, accurate bass is asked for, the XB2 is the go-to sub.

### XB3

PMC's XB3 subwoofer is the perfect .1 LFE companion for any, and every PMC home cinema package. The XB3 subwoofer features an identical 15-inch bass Radial™ bass driver as the BB5 series. As a subwoofer, the XB3 does not have a rival. It is simply the finest subwoofer with the credentials to prove it.

Passive



Studio Black  
**SB100**



Black Ash  
**XB2/XB3**

Other finishes available on request



PMC

XB3  
Black Ash



# WAFER-THIN DESIGN, IMMERSIVE SOUND

The slim-line, stylish in-wall and on-wall wafer series is capable of astounding room-filling richness and clarity, ideal for recreating the surround sound experience of the latest surround formats of Dolby Atmos and Auro-3D with utmost discretion. The wafers are the perfect speakers for use in smaller cinemas or as the rear channels in larger systems, where space may be at a premium. Voiced to sound exactly the same as the larger PMC speakers and utilising the same **ATL™** technology, the wafers ensure tonal synergy between channels.

Proof of its ability to relay the true essence of the soundtrack is the reason the BBC uses the wafer for productions such as Doctor Who and Sherlock.

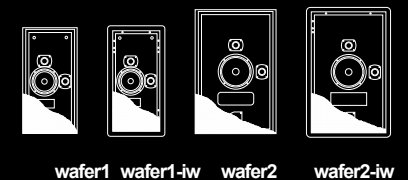


## **wafer1** (on wall) & **wafer1-iw** (in wall)

The **wafer1™** is the more compact of the two models in the range, best suited to installations where a discreet and elegant look is all-important and the quality of audio reproduction remains paramount. The **wafer1™** is an ideal accompaniment to the latest in high-resolution flat-screen displays.

## **wafer2** (on wall) & **wafer2-iw** (in wall)

The **wafer2™** adopts identical design cues and contains the same intelligent innovations of the **wafer1™**. The depth of the cabinet remains ultra slim-line with small increases to the height and width. This allows for a larger and more robust bass unit, giving the **wafer2™** greater bass extension and the ability to achieve higher volume levels. The attributes of **wafer2™** lend themselves perfectly to both surround sound and stereo configurations in a vast range of listening environments.





wafer1



wafer2-iv

# ATL™

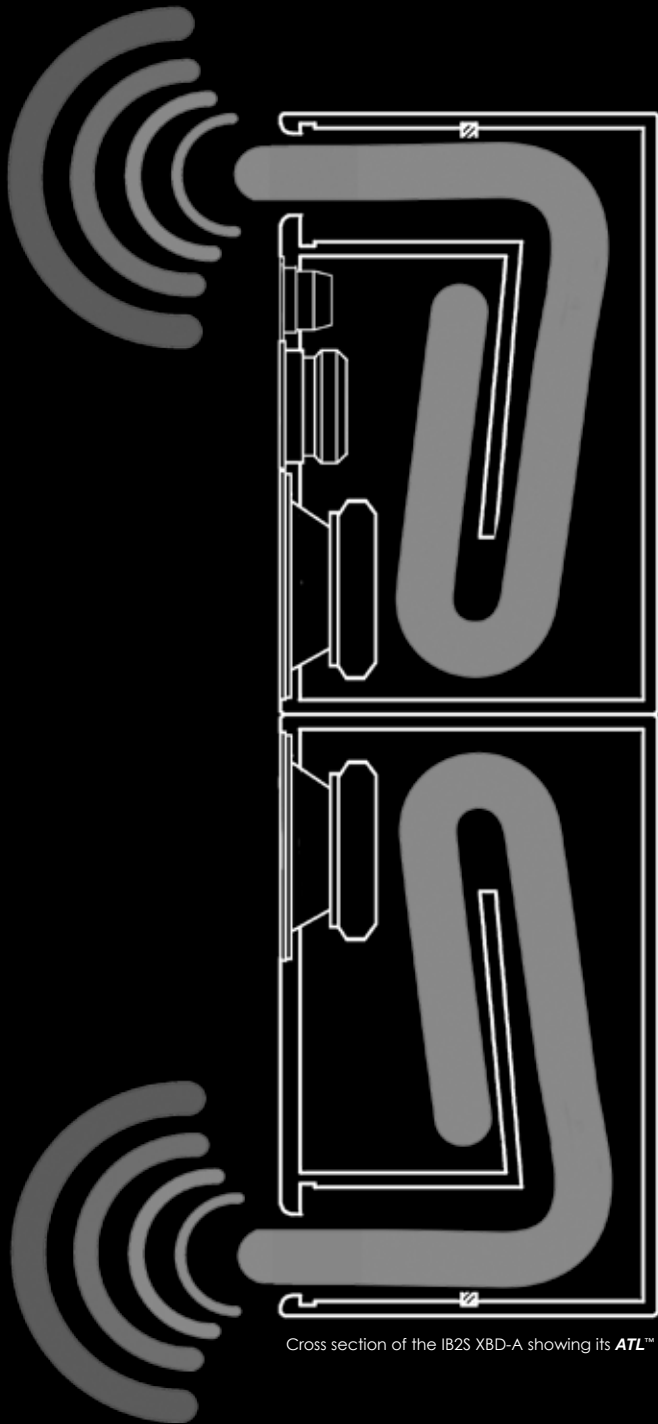
Advanced Transmission Line

## The hidden technology that is the key to the finest-sounding loudspeakers

The Advanced Transmission Line or **ATL™** lies at the heart of every PMC loudspeaker. It is the key to why our speakers sound better, go deeper and perform more accurately and consistently than any others available.

**ATL™** bass-loading technology provides the following advantages over other loudspeakers:

- More detailed, more natural - as it was in the studio
- Full, rich sound at any volume level
- Deeper, more dynamic bass
- Effortless and transparent



Cross section of the IB25 XBD-A showing its ATL™

## Technically speaking

In a PMC speaker 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 then emerge from the large vent at the end of the line, which essentially acts as a second driver. The **ATL™** prevents the upper bass and mid-range detail being masked by harmonic distortion residing in the very low frequencies. The result is PMC's characteristic transparent midrange and fast attacking bass notes.

The resulting outstanding clarity ensures the balance is neutral and dynamic with wide dispersion, making image placement pinpoint over a huge listening window with the highest possible resolution - perfect for the ultimate movie experience.

The PMC design team works closely with studio engineers to develop innovative solutions, embracing the latest recording techniques and changing monitoring environments for the professional product lines. A PMC domestic speaker is voiced identically to its professional sibling ensuring the reproduction is the same from studio to home.



The QB1-Active electronics package per channel  
1 x **control 1200** (DSP management, 275W HF, 550W MF)  
2 x **power 2400** (4000W LF)

# THE POWER TO DELIVER

Powering a PMC loudspeaker with our own custom-designed amplification creates the ultimate combination and the most immersive listening experience. Designed for maximum transparency, resolution and fidelity with ultra-low distortion, our amplifiers are voiced for the unique characteristics of the loudspeakers. Whether coupled with an active or passive system, the result is thrilling dynamics, massive headroom and near-instantaneous stop/start control over the bass units with a flat response at all levels and frequencies.

Select models include custom DSP control, which is employed minimally to fine-tune what are already high-specification electro-mechanical designs, thereby elevating them to even greater levels of performance and resolution.



# Specifications

	<b>IB1S</b>	<b>IB2 S/ <i>se</i></b>	<b>IB2S-A</b>	<b>IB2S XBD-A</b>
<b>Freq response</b>	25Hz-25kHz	25Hz-25kHz	25Hz-25kHz	25Hz-25kHz
<b>Sensitivity</b>	89dB 1W 1m	89dB 1W 1m	—	—
<b>Effective ATL™</b>	2.4m (8ft)	2.4m (8ft)	2.4m (8ft)	2 x 2.4m (8ft)
<b>Impedance</b>	4 Ohm	4 Ohm	—	—
<b>Drive units</b>	<b>LF</b> PMC 10" (250mm) Carbon Fibre/Nomex™ piston driver <b>MF</b> 3" (75mm) fabric dome <b>HF</b> 1.1" (27mm) soft dome	<b>LF</b> PMC 10" (250mm) Carbon Fibre/Nomex™ piston driver <b>MF</b> PMC75 3" (75mm) fabric dome <b>HF</b> 1.1" (27mm) soft dome	<b>LF</b> PMC 10" (250mm) Carbon Fibre & Nomex™ piston driver <b>MF</b> PMC75 3" (75mm) fabric dome <b>HF</b> PMC34 1.3" (34mm) soft dome	<b>LF</b> 2 x PMC 10" (250mm) Carbon Fibre & Nomex™ piston driver <b>MF</b> PMC75 3" (75mm) fabric dome <b>HF</b> PMC34 1.3" (34mm) soft dome
<b>Crossover freq</b>	380Hz - 3.8kHz	380Hz - 3.8kHz	380Hz - 3.8kHz	380Hz - 3.8kHz
<b>Input connectors</b>	3 pairs 4mm sockets	3 pairs 4mm sockets	Balanced Analogue Main Balanced Analogue LFE Digital AES3 Main Digital AES3 LFE Digital input: AES3 192kHz 24-bit	Balanced Analogue Main Balanced Analogue LFE Digital AES3 Main Digital AES3 LFE Digital input: AES3 192kHz 24-bit
<b>Active amplifier power</b>	—	—	<b>LF</b> 565W <b>MF</b> 200W <b>HF</b> 200W	<b>LF</b> 2 x 565W <b>MF</b> 200W <b>HF</b> 200W
<b>Dimensions</b>	<b>H</b> 740mm (29.1") <b>W</b> 330mm (13.0") <b>D</b> 465mm (18.3")  <b>IB1S-C</b> <b>H</b> 330mm (13.0") <b>W</b> 740mm (29.1") <b>D</b> 465mm (18.3")	<b>H</b> 740mm (29.1") <b>W</b> 330mm (13") <b>D</b> 465mm (18.3") + 20mm terminals (S)  <b>IB2-C S/ <i>se</i></b> <b>H</b> 330mm (13") <b>W</b> 740mm (29.1") <b>D</b> 465mm (19") + 20mm terminals (S)  <b><i>se</i> Stand dimensions</b> <b>H</b> 486mm (19.1") + 50mm spikes <b>W</b> 330mm (13") <b>D</b> 438mm (17.2")	<b>H</b> 745mm (29.3") <b>W</b> 330mm (13") <b>D</b> 552mm (21.7")  <b>IB2S-A-C</b> <b>H</b> 745mm (29.3") <b>W</b> 330mm (13") <b>D</b> 552mm (21.7")	<b>H</b> 1490mm (58.7") <b>W</b> 330mm (13.0") <b>D</b> 552mm (21.7")  <b>Plinth dimensions</b> <b>H</b> 190mm (7.5") <b>W</b> 330mm (13.0") <b>D</b> 520mm (20.5")
<b>Weight ea.</b>	<b>IB1S</b> 36kg (79.2lbs)	<b>IB2S</b> 41kg (90.2lbs)  <b>IB2 <i>se</i></b> 49kg (108lbs)  <b><i>se</i> Stand weight</b> 13kg (28.7lbs)	46.5kg (102.3lbs)	93kg (204.6lbs)

	<b>MB2 S</b> <i>se</i>
<b>Freq response</b>	20Hz-25kHz
<b>Sensitivity</b>	90dB 1W 1m ( <b>Passive</b> )
<b>Effective ATL™</b>	3m (10ft)
<b>Impedance</b>	8 Ohm ( <b>Passive</b> )
<b>Drive units</b>	<b>LF</b> PMC 12" (310mm) Radial™ driver <b>MF</b> PMC75 3" (75mm) fabric dome <b>HF</b> 1.1" (27mm) soft dome ( <b>Passive</b> ) <b>HF</b> PMC34 1.3" (34mm) soft dome ( <b>Active</b> )
<b>Crossover freq</b>	380Hz - 3.8kHz
<b>Input connectors</b>	3 pairs 4mm sockets ( <b>Passive</b> ) Neutrik NL8 ( <b>Active</b> ) Balanced Analogue XLR ( <b>Active electronics</b> )
<b>Active amplifier power</b>	<b>LF</b> 325W <b>MF</b> 150W <b>HF</b> 150W
<b>Dimensions</b>	<b>H</b> 870mm (34.25") <b>W</b> 380mm (14.96") <b>D</b> 535mm (21") + 20mm terminals ( <b>Passive S</b> )  <b>MB2-C S</b> <i>se</i> <b>H</b> 380mm (14.96") <b>W</b> 870mm (34.25") <b>D</b> 535mm (21") + 20mm terminals ( <b>Passive S</b> )  <i>se</i> <b>Stand dimensions</b> <b>H</b> 377mm (14.8") + 50mm spikes <b>W</b> 374mm (14.7") <b>D</b> 502mm (19.8")
<b>Weight ea.</b>	<b>MB2S</b> 49kg (108lbs)  <b>MB2</b> <i>se</i> 58kg (127.9lbs)  <i>se</i> <b>Stand weight</b> 17kg (37.5lbs)

	<b>MB2 XBD S</b> <i>se</i>
<b>Freq response</b>	20Hz-25kHz
<b>Sensitivity</b>	93dB 1W 1m ( <b>Passive</b> )
<b>Effective ATL™</b>	2 x 3m (10ft)
<b>Impedance</b>	4 Ohm ( <b>Passive</b> )
<b>Drive units</b>	<b>LF</b> 2 x PMC 12" (310mm) Radial™ driver <b>MF</b> PMC75 3" (75mm) fabric dome <b>HF</b> 1.1" (27mm) soft dome ( <b>Passive</b> ) <b>HF</b> PMC34 1.3" (34mm) soft dome ( <b>Active</b> )
<b>Crossover freq</b>	380Hz - 3.8kHz
<b>Input connectors</b>	3 pairs 4mm sockets ( <b>Passive</b> ) Neutrik NL8, NL4 ( <b>Active</b> ) Balanced Analogue XLR ( <b>Active electronics</b> )

<b>Active amplifier power</b>	<b>LF</b> 900W <b>MF</b> 150W <b>HF</b> 150W
<b>Dimensions</b>	<b>H</b> 1740mm (68.5") <b>W</b> 380mm (14.96") <b>D</b> 535mm (21") + 20mm terminals ( <b>Passive S</b> )  <i>se</i> <b>Plinth dimensions</b> <b>H</b> 35mm (1.3") + 50mm spikes <b>W</b> 380mm (14.96") <b>D</b> 535mm (21")

<b>Weight ea.</b>	<b>MB2 XBDS</b> 98kg (215.6lbs)  <b>MB2 XBD</b> <i>se</i> 116kg (255.7lbs)
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	<b>BB5</b> <i>se</i>
<b>Freq response</b>	17Hz-25kHz
<b>Sensitivity</b>	92dB 1W 1m ( <b>Passive</b> )
<b>Effective ATL™</b>	4m (13ft)
<b>Impedance</b>	4 Ohm ( <b>Passive</b> )
<b>Drive units</b>	<b>LF</b> PMC 15" (380mm) Radial™ driver <b>MF</b> PMC75 3" (75mm) fabric dome <b>HF</b> 1.1" (27mm) soft dome ( <b>Passive</b> ) <b>HF</b> PMC34 1.3" (34mm) soft dome ( <b>Active</b> )
<b>Crossover freq</b>	380Hz - 3.8kHz
<b>Input connectors</b>	3 pairs 4mm sockets ( <b>Passive</b> ) Neutrik NL8 ( <b>Active</b> ) Balanced Analogue XLR ( <b>Active electronics</b> )

<b>Active amplifier power</b>	<b>LF</b> 900W <b>MF</b> 300W <b>HF</b> 300W
<b>Dimensions</b>	<b>H</b> 1040mm (41") <b>W</b> 432mm (17") <b>D</b> 790mm (31")  <b>BB5-C</b> <i>se</i> <b>H</b> 432mm (17") <b>W</b> 1040mm (41") <b>D</b> 790mm (31")

<b>Weight ea.</b>	<b>BB5</b> 73kg (160lbs)  <b>BB5</b> <i>se</i> 87kg (191.8lbs)  <i>se</i> <b>Stand weight</b> 19kg (41.9lbs)
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	<b>BB5 XBD-A</b> <i>se</i>	<b>QB1-A</b>	<b>wafer1/wafer1-iw</b>	<b>wafer2/wafer2-iw</b>
<b>Freq response</b>	17Hz-25kHz	20Hz-25kHz	50Hz-25kHz	40Hz-25kHz
<b>Sensitivity</b>	—	—	90dB half space sensitivity	92dB half space sensitivity
<b>Effective ATL™</b>	2 x 4m (13ft)	2.7m (8.9ft)	1.5m (4.9ft)	1.7m (5.6ft)
<b>Impedance</b>	—	—	8 Ohm	8 Ohm
<b>Drive units</b>	<b>LF</b> 2 x PMC 15" (380mm) Radial™ driver <b>MF</b> PMC75 3" (75mm) fabric dome <b>HF</b> PMC34 1.3" (34mm) soft dome	<b>LF</b> 4 x PMC 10" (250mm) Carbon Fibre/Nomex™ piston driver <b>MF</b> PMC75 3" (75mm) fabric dome <b>HF</b> PMC34 1.3" (34mm) soft dome	<b>LF</b> 5.5" (140mm) <b>HF</b> 2 x 1.1" (27mm) soft dome	<b>LF</b> 6.5" (170mm) <b>HF</b> 2 x 1.1" (27mm) soft dome
<b>Crossover freq</b>	380Hz - 3.8kHz	380Hz - 3.8kHz	2kHz	2kHz
<b>Input connectors</b>	Neutrik NL8, NL4 ( <b>Cabinet</b> ) Balanced Analogue XLR ( <b>Electronics</b> )	Balanced Analogue Main Balanced Analogue LFE Digital AES3 Main Digital AES3 LFE Digital input: AES3 192kHz 24-bit	1 pair 4mm sockets	1 pair 4mm sockets
<b>Active amplifier power</b>	<b>LF</b> 2 x 900W <b>MF</b> 300W <b>HF</b> 300W	<b>LF</b> 4000W <b>MF</b> 550W <b>HF</b> 275W	—	—
<b>Dimensions</b>	<b>H</b> 2080mm (81.9") <b>W</b> 432mm (17") <b>D</b> 790mm (31")	<b>H</b> 820mm (32.2") <b>W</b> 1092mm (42.9") <b>D</b> 523mm (20.6")	<b>wafer1</b> <b>H</b> 500mm (19.7") + 14mm grille <b>W</b> 235mm (9.3") + 30mm grille <b>D</b> 100mm (4") + 6mm grille  <b>wafer1-iw</b> <b>H</b> 500mm (19.7") + 50mm bezel <b>W</b> 235mm (9.3") + 50mm bezel <b>D</b> 100mm (4") + 7mm bezel	<b>wafer2</b> <b>H</b> 575mm (23") + 14mm grille <b>W</b> 355mm (14") + 30mm grille <b>D</b> 100mm (4") + 6mm grille  <b>wafer2-iw</b> <b>H</b> 575mm (23") + 50mm bezel <b>W</b> 355mm (14") + 50mm bezel <b>D</b> 100mm (4") + 7mm bezel
<b>Weight ea.</b>	136kg (299.2lbs)	150kg (330lbs)	<b>wafer1</b> 5kg (11lbs)  <b>wafer1-iw</b> 5.5kg (12.1lbs)	<b>wafer2</b> 6.6kg (14.5lbs)  <b>wafer2-iw</b> 7.1kg (15.62lbs)

	<b>SB100</b>	<b>XB2</b>	<b>XB3</b>
<b>Freq response</b>	25Hz - 200Hz	20Hz-200Hz	17Hz - 200Hz
<b>Sensitivity</b>	89dB 1W 1m	91dB 1W 1m	93dB 1W 1m
<b>Effective ATL™</b>	3m (10ft)	3m (10ft)	4m (13ft)
<b>Impedance</b>	4 Ohm	8 Ohm	4 Ohm
<b>Drive units</b>	<b>LF</b> PMC 10" (250mm) Carbon Fibre & Nomex™ piston driver	<b>LF</b> PMC 12" (310mm) Radial™ driver	<b>LF</b> PMC 15" (380mm) Radial™ driver
<b>Input connectors</b>	1 pair 4mm sockets	1 pair 4mm sockets	1 pair 4mm sockets
<b>Dimensions</b>	<b>H</b> 510mm (20") <b>W</b> 630mm (24.8") <b>D</b> 350mm (14.6") + 20mm terminals	<b>W</b> 380mm (14.96") <b>H</b> 870mm (34.25") <b>D</b> 535mm (21.85") + 20mm terminals	<b>H</b> 432mm (17") <b>W</b> 1040mm (40.94") <b>D</b> 790mm (31") + 20mm terminals
<b>Weight ea.</b>	40kg (88.2lbs)	39kg (85.8lbs)	63kg (126lbs)

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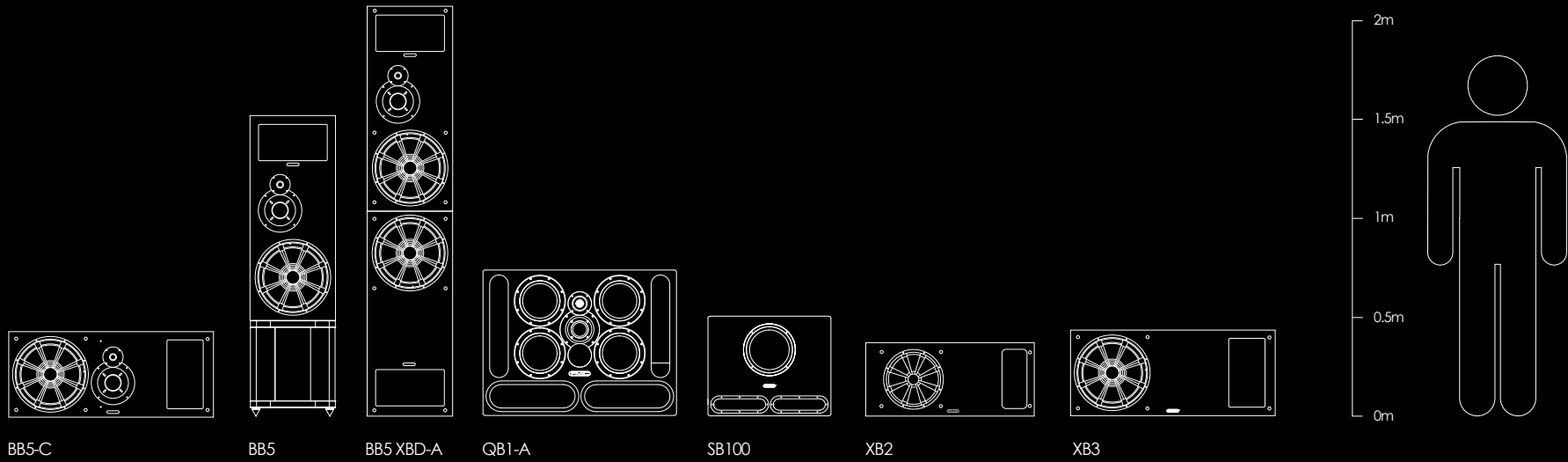
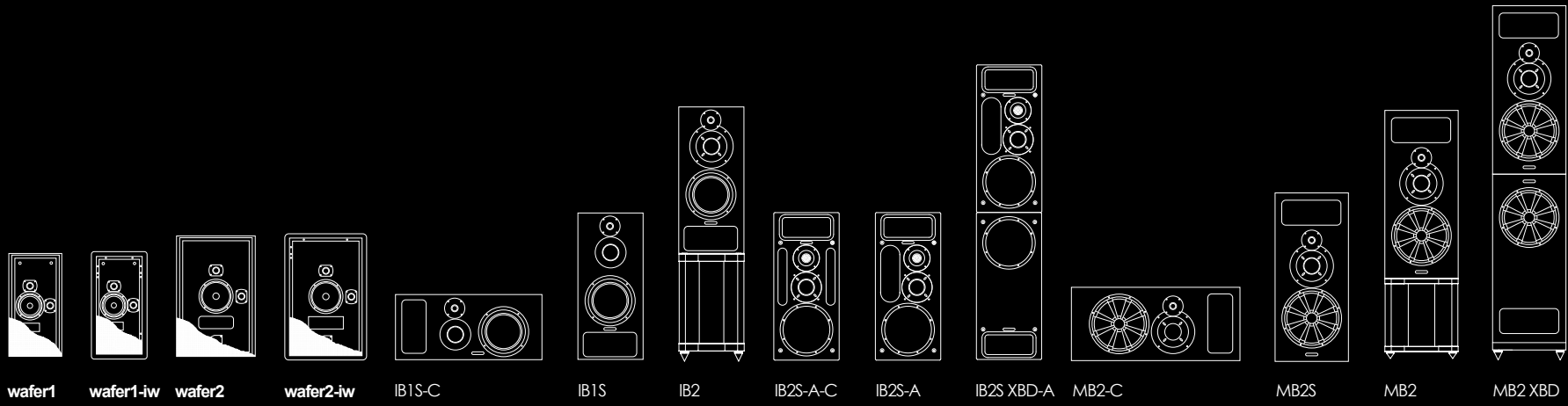
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