





‘The best loudspeaker isn’t the one that gives the most, it’s the one that loses the least.’



When our founder John Bowers said this in 1966, he set in motion over 40 years of groundbreaking research, development and technological innovation with one simple goal in mind: to create the perfect loudspeaker.

In leading recording studios around the world, music that will soon be heard everywhere is heard first through B&W speakers. At George Lucas’ Skywalker Sound studios in Marin County, California, music is put to hit movies on the ultimate surround sound system, featuring B&W 800 Series monitors. And at Abbey Road, the world’s most famous recording facility, all three main studios employ B&W speakers to capture the output of artists as diverse as Coldplay, U2, Michael Nyman, Groove Armada and The Thrills. When the world’s most demanding users tell us what they think of our sound, we listen closely.

We’ve done it from day one. When John Bowers set up the company in 1966, experimentation in sound and recording was escalating rapidly. It was the time of Sergeant Pepper, Pet Sounds and Like A Rolling Stone. Bowers had a pioneering spirit to match. His ambition was revolutionary for the day, and remains so: to create a loudspeaker that neither adds nor takes away from the music. In effect, the perfect loudspeaker. We’ve been exploring the world of sound ever since. We’ll never settle for less than perfection, so we’ll never stop improving our speakers. Once you have a passion for sound, you never lose it.



University of Sound

We've elevated the science of sound analysis to a fine art at our research and development lab in Steyning. For example, it was here at the University of Sound that we developed the system of laser-doppler velocimetry – an advanced measurement technique that allows us to visualise patterns of vibration in speaker diaphragms down to 1/3000 of a millimetre.

It was thanks to this pioneering technique that we discovered the uniquely constant dispersion pattern of Kevlar® – a quality that makes it an ideal material for delivering a clean sound at a wide range of frequencies. It has become the material of choice for our midrange speaker cones ever since.

Engineering innovation

Constant progress requires constant innovation. This principle was at the forefront of John Bowers' mind when he founded the University of Sound, the first ever facility entirely dedicated to uncovering the secrets of acoustic behaviour.

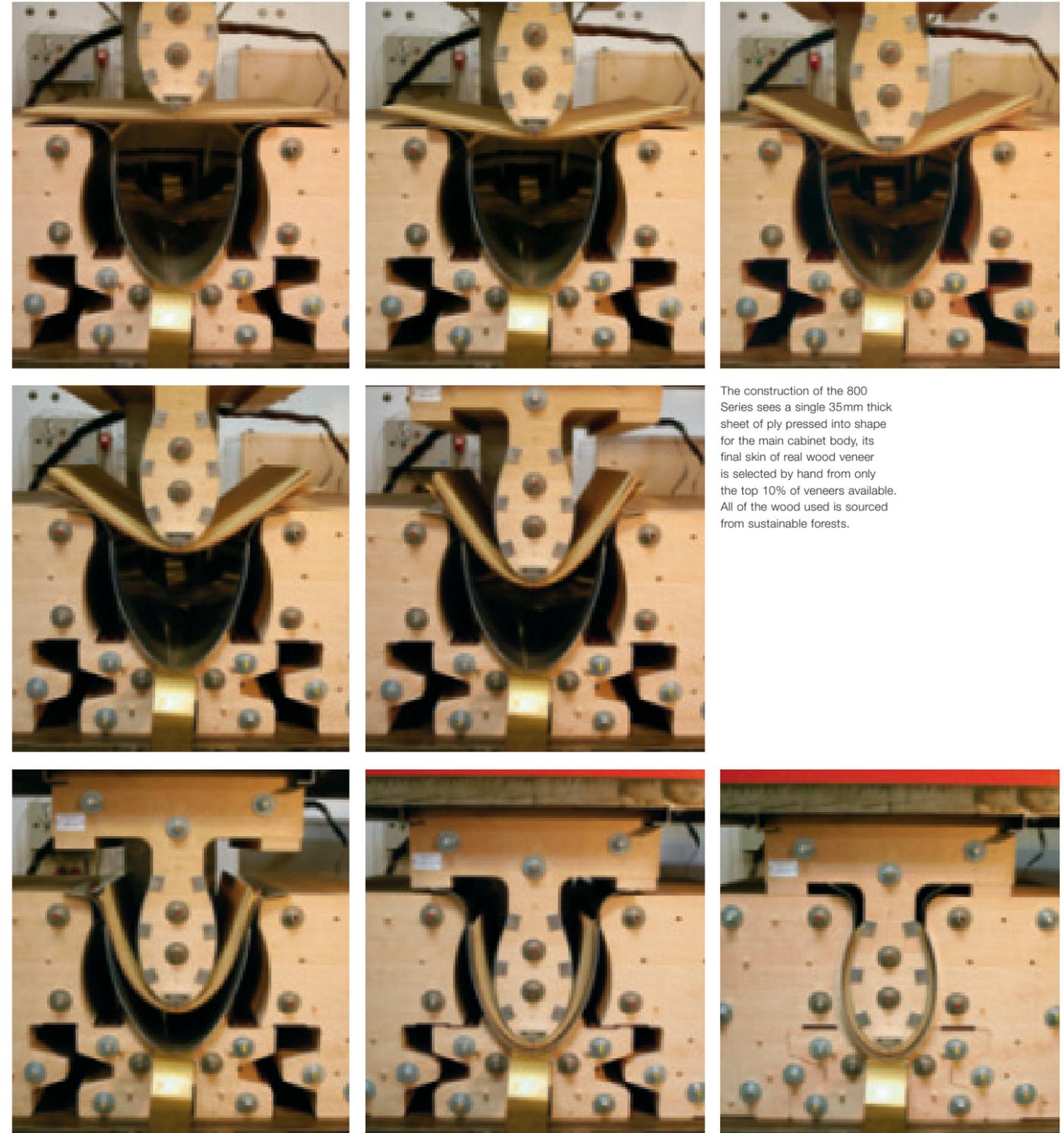
Every discovery our scientists make here – from Nautilus™ tapering tubes to diamond tweeter domes and Matrix™-reinforced cabinet construction – influences how speakers all over the world are designed and built. And each one takes us a step closer to experiencing sound as it was always meant to be heard.



Industry firsts:
(clockwise from top left)
Pressure vessel
Flowport™
Kevlar®/FST™
Matrix™
Nautilus™ Tweeter Technology
Diamond Domes

Craftsmanship

Part of the art of manufacturing is about which parts of the production process are best performed by people, and which by machines. It's also about an intimate knowledge of the properties of both synthetic and natural materials and how best to apply them. So while robotics and computers play a vital role in translating the ideas of our designers and engineers into reality, steady hands, watchful eyes and the finest natural materials continue to take their rightful place.



The construction of the 800 Series sees a single 35mm thick sheet of ply pressed into shape for the main cabinet body, its final skin of real wood veneer is selected by hand from only the top 10% of veneers available. All of the wood used is sourced from sustainable forests.

Society of Sound

It's one thing to own a great pair of speakers, but if you're as obsessed with true sound as we are, your appreciation won't stop there. You'll want to keep learning about it, listening to it, exploring it and discussing it with others. That's where the Society of Sound comes in.

Set up by B&W, the Society of Sound is an online meeting place for everyone who loves sound. It's a place where musicians, artists, designers, technicians and everyday enthusiasts come together to share their knowledge and find out more about sound and what it can do. It's also home to the B&W Music Club, where you can discover great new music recorded in super high-fidelity and available to download with no compression.

If you're passionate about sound, we'd love you to join us at www.bowers-wilkins.com

Visit the website to:

- Find out more about B&W, our products and our technologies
- Download lossless music, including super high-quality 24-bit albums
- Learn from some of the most inspiring minds in the business – the Society of Sound Fellows
- Join lively debates on sound topics with other sound enthusiasts at the Sound Blog
- Discover the creative potential of sound at the Lab



True sound for every occasion

Great sound matters. It's the same whether you're listening to your iPod®, watching a movie, playing a videogame or driving your car. So it's good to know we've come up with a range of incredible speaker technologies for every conceivable occasion. No matter what you're doing or where you happen to be, you'll always be closer to the soul and spirit of the original recording. We call it true sound. Perfected for recording studios. And now heard everywhere else.



Hi-Fi

The Nautilus™ was the result of a project that was ambitious even by B&W's standards. The brief was to do whatever was necessary, however unconventional, to create the best speaker anyone had ever heard. Over the course of a five-year development programme, that's exactly what we did. Every pre-conceived notion of what a speaker should be was challenged and re-invented. And the rulebook for speaker design was torn up and re-written in the process. For B&W, the Nautilus™ is not just a speaker. It's a physical embodiment of our quest for perfection.



Home Theatre

In cinema, image is only half of the story. For a truly transformative experience, there's no substitute for hearing movie sound as it was meant to be heard. And you'll never hear movie sound as rich, detailed or utterly immersive as you will through our CT800 system. It borrows technology from our most sophisticated hi-fi speakers to bring you closer to the action than ever before. You'll feel Monroe's breath on your cheek, ride through San Francisco with McQueen, destroy the Death Star with Luke Skywalker. Welcome to the best cinema in town.



Soundbars

With the TV now the centrepiece of family entertainment, it is only natural that you should want to enjoy the very best sound quality to complement the picture. Panorama is an integrated sound bar speaker system that neatly sits under your TV and uses your room to create a full surround sound experience – and all from a single speaker.



iPod® Speakers

Here's the stereo speaker system your iPod® has been waiting for. Zeppelin™ will fill a room with crisp, deep, lifelike stereo sound, and deliver musical detail that you won't believe could fit on your iPod®. That's because the two have so much in common: blissfully simple design and world-leading technologies that let you get the most out of your music.



Custom Installation

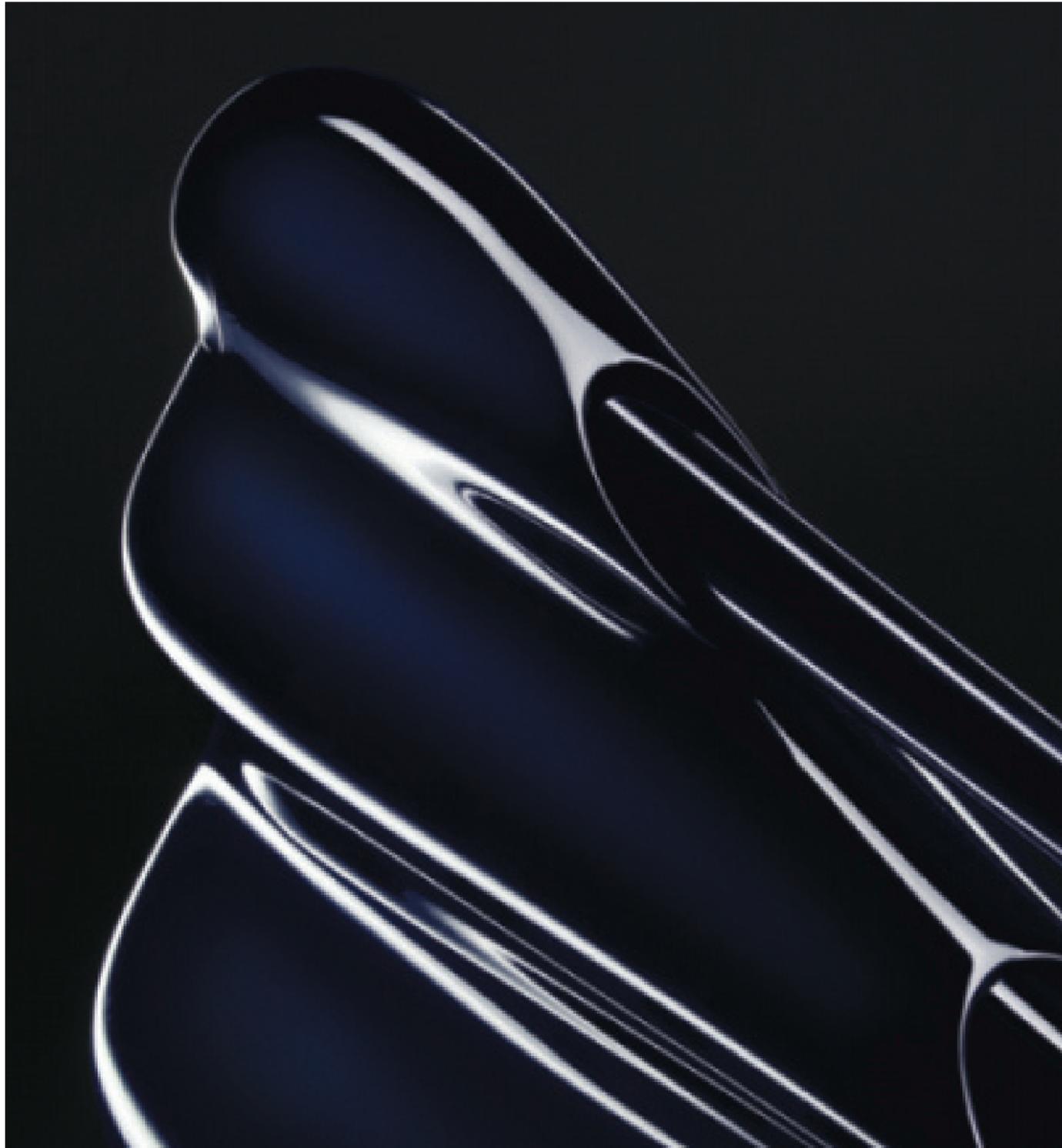
Do you consider loudspeakers to be beautiful? We do. However, we quite understand that there are those who find the sight of speakers distracting. It's precisely for these customers that we have developed our range of custom installation speakers. While we've designed them to be as invisible as possible, we've refused to compromise on sound quality. Our top-range Signature 8NT speaker, for example, has been developed with exactly the same care and attention that we lavish on our cabinet-based designs. You'll see nothing. And hear everything.



Car Audio

It's one thing to deliver an impeccable listening experience in your living room. It's something else to achieve it in a car – a cramped, vibrating shell with next to no room for drive units, let alone speaker stands. So when we were asked to design a premium audio system for the Jaguar XF, we knew that a radical approach was needed. We worked with Jaguar from the outset to create a system that's an integrated part of the cabin design. We believe it delivers the best sound you'll ever hear in a car. And it sounds good from wherever you're sitting.

Nautilus™ is our touchstone: the result of a groundbreaking, five-year research and development mission to achieve, as near as possible, the perfect loudspeaker. The things we learnt by developing something so new, so different and so uncompromised have become our own rules for speaker design, and have informed every range we've created since. That's down to advances in materials, crossover components and cabling, and to its pioneering use of tapering tubes in place of the conventional box cabinet.

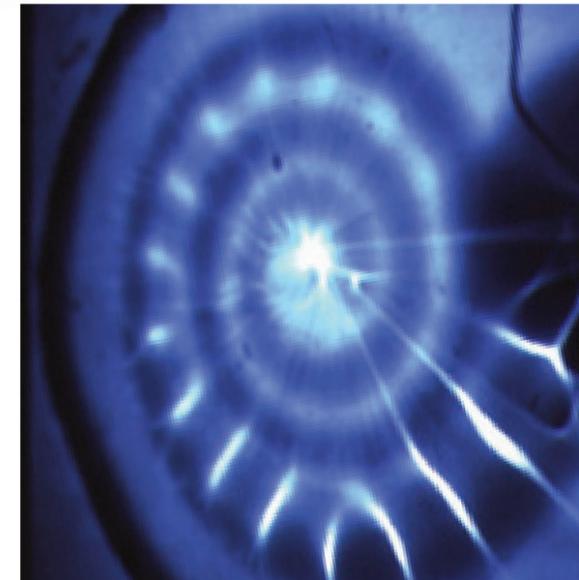
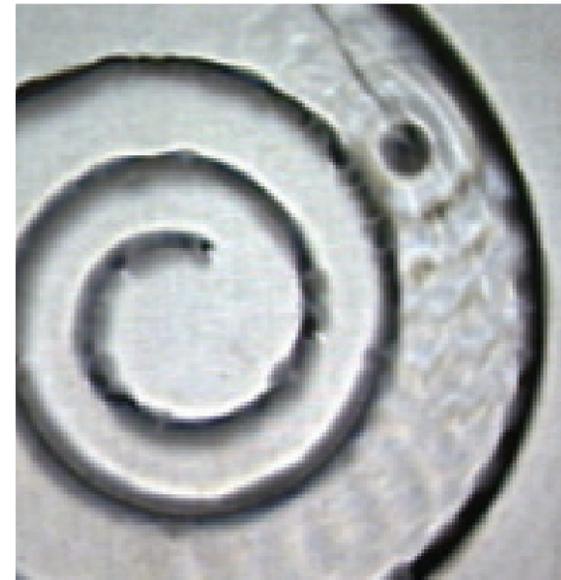


Midnight blue Black White

The Nautilus™ is traditionally available in three off-the-shelf colours: midnight blue, black and silver. However, if you're prepared to wait a little longer, we can provide your speaker in any colour you like. After all, if you really want your Nautilus™ to match the exact colour of your car, or your favourite nail varnish, who are we to argue?



What you hear from Nautilus™ is as different from ordinary speakers as what you see. Its sound and shape were created by straight and spiralling tapered tubes filled with absorbent wadding, designed to soak up wayward sound waves from the back of each drive unit and allow the sound from the front to reach you in as pure a state as you're ever likely to hear.



Signature Diamond

Signature Diamond is our way of celebrating 40 years in business. Yes, we know: diamonds should be reserved for 60th anniversaries. But it wouldn't be a B&W speaker if it were not ahead of its time. Our diamond is a tweeter dome whose reproduction of high frequencies is as near perfect as it is physically possible to achieve. Encasing it in marble, setting it on a striking, plinth-like cabinet and partnering it

with our Kevlar® bass/midrange driver hasn't simply fashioned something akin to sculpture. It has created a sound so immediate, so detailed, so textured, you'll want to touch it. There isn't a finer two-way loudspeaker in the world, to our knowledge. And, when we get around to celebrating our 60th anniversary, we could still be saying the same thing.



Kenneth Grange, architect of the Signature Diamond's sculptural simplicity, is one of the world's most accomplished product designers. Originally a draughtsman in an architect's office and briefly an exhibition designer, his career took off when Kodak asked him to design their Instamatic camera. Many of his designs became familiar items, such as his food mixers for Kenwood, razors for Wilkinson Sword, pens for Parker and British Rail's InterCity 125. Since designing the ultra-distinctive DM6 in 1976, Kenneth has designed numerous speakers for B&W, of which the latest is the Signature Diamond.



The Signature Diamond is available in a choice of two finishes: minimalist white or a 'designer' wood veneer called Wakame. Its resemblance to the edible seaweed is brought out by the gloss lacquering and polishing process, after which it looks good enough to eat.



800 Series

It's the choice of studios such as Abbey Road. And it's the definitive B&W collection. The B&W 800 Series takes technological advances made by Nautilus™, such as the tube-loaded tweeter and sphere-and-tube midrange enclosure, and applies them across a comprehensive range of finely tuned and impeccably crafted speakers. From full, three-way systems featuring our diamond dome tweeter to a bookshelf speaker, a centre speaker and a subwoofer, the 800 Series delivers quality that even experienced professionals cannot fault.

View the full 800 Series on www.bowers-wilkins.com



Black Ash

Cherrywood

Rosenut



800

The top-of-the-range model incorporates all of the 800 Series core technologies. An FST™ midrange driver and diamond dome tweeter to reveal astonishing detail. The Marlan® midrange 'head' enclosure and the separate tweeter on top to project an uncannily realistic sound image. Twin 250mm (10in) diameter Rohacell® sandwich cone woofers, deliver formidable bass with ease.



801

The 801D has a larger volume than the 800D and a bass alignment suited to rooms with a more controlled, neutral acoustic. Bass is provided by a substantial single Rohacell® sandwich cone driver, supported by a down-firing Flowport™. With the same midrange and tweeter arrangement as the 800D, the 801D also combines power with subtlety. The diamond dome tweeter is amazing in its ability to reproduce high frequencies in the most natural way.



802

A slimmer sibling to the 800D, ideal for listeners who value the detail and imaging of the larger system, but prefer a more compact aspect. The layout of the midrange and diamond dome tweeter is identical, but the twin 200mm (8in) bass drivers are housed in a narrower cabinet. Despite its smaller volume, the 802D yields surprisingly little in terms of bass extension.



803

The 803D brings diamond dome technology to a less technical looking piece of furniture than the larger 'headed' models. The FST™ midrange driver is housed in its own isolated section of the slim, beautifully curved, Matrix™-braced main cabinet. Three 180mm (7in) Rohacell® cone bass drivers, supplemented by a front-firing Flowport™, deliver bass output on a par with the 802D.



803S

The 803S is the largest model to feature our aluminium dome tweeter. It has allowed the driver's low-end response to be extended in order to use a simple single component crossover design. Tube loaded for extra clarity, and mounted separately on top of the main cabinet for optimum dispersion of sound, the tweeter blends seamlessly with the FST™ midrange driver to create a solid, three-dimensional sound stage. Bass is supplied by two Rohacell® cone drivers, supplemented by a front-firing Flowport™.



804S

The 804S is a more compact version of the 803S. Exactly the same midrange and tweeter configuration is used, but bass is supplied by two smaller diameter Rohacell® cone drivers. These operate in a narrower Matrix™ braced cabinet, making this model ideal for the medium size listening room – elegant and unobtrusive.



805S

800 Series quality for the smaller listening room. The 805S is a compact stand-mount 2-way system that makes its presence felt with a surprisingly full sound for its size, but won't intrude into the room.



HTM1 ↕

The HTM1D is the largest of four centre speakers in the 800 Series, with FST™ midrange, diamond dome tweeter on top and three 200mm (8 in) diameter, magnetically shielded, Rohacell® cone drivers with twin rear-firing Flowports™. The HTM1D is specifically intended to be mounted on the floor, its low profile allowing a large projection screen to come within 600mm (2ft) of the floor.



HTM2 ↕

A full three-way centre speaker that puts you right in the middle of the action, with diamond dome tweeter, FST™ midrange, a pair of powerful 180mm (7in) Rohacell® bass drivers and magnetic-shielding for positioning close to the screen.



HTM3 ↕

The HTM3S is the larger of the two centre speakers that feature our improved aluminium dome tweeter. The HTM3S has two Rohacell® cone bass drivers in a symmetrical arrangement with a central Kevlar® cone FST™ midrange driver.



HTM4 ↕

The HTM4S is the smallest of the centre speakers in the range and is effectively an 805S with a different aspect and the added feature of magnetic shielding. It is therefore the ideal centre speaker when assembling a high quality, yet compact home theatre system with the 805S looking after the left and right channels.



DS8 ↕

The DS8S has been designed to operate as either a monopole or dipole design. In monopole mode, the DS8S is a 2-way system, using a Kevlar® cone bass/midrange driver and tube-loaded aluminium dome tweeter mounted on the front of the cabinet. In dipole mode, the front tweeter is switched off and the side-firing midrange and tweeter units come into play. The system is then a 3-way, with the front main driver acting only as a bass unit.



SCMS

The SCMS features essentially the same driver complement as the 805S. It's a 2-way system with a Kevlar® cone bass/midrange driver and aluminium dome tweeter. Here, though, the cabinet is much shallower so that it can be mounted on-wall with the minimum of intrusion into the living space. The system is also balanced for its intended on-wall application, taking into account the bass reinforcement produced by the nearby wall.



ASW855

A subwoofer to handle the most demanding material in the largest rooms without breaking a sweat, thanks to a 380mm (15in) Rohacell® long throw cone and Matrix™-reinforced cabinet.



ASW825

Although the ASW825 is the smaller of the two 800 series subwoofers, it is still a substantial performer. The driver features our ultra-rigid Rohacell® sandwich cone, 100mm (4in) diameter voice coil and massive magnet assembly for high power handling without compression.

CM Series

No artificial additives, that's been our approach to sound quality from the very beginning. It's exactly the same with the new CM Series. By using our most refined drive unit technologies, developed for reference-standard speakers such as the 800 Series, we've been able to hone the speaker down to its purest essentials. The CM Series uses minimalist crossovers of remarkable simplicity and quality, so what you hear is that much closer to the sound of the original recording. In its functional perfection and understated elegance, it's nothing less than a masterpiece. Pure and simple.

View the full CM Series on www.bowers-wilkins.com



Wengé

Rosenut

Gloss black



CM9

This top-of-the-range floorstanding speaker will fill even the largest domestic spaces with music so richly detailed, and so startlingly lifelike, that it will leave you speechless. The three-way CM9 delivers truly commanding bass with the aid of twin 165mm paper/Kevlar® cone drive units. The FST® driver is specially developed for outstanding midrange performance. The CM9's Nautilus™ tube-loaded aluminium dome tweeter keeps high frequencies crisp and sharp all the way up to 50kHz and beyond.



CM7

The CM7 is the smaller of the two floorstanding speakers in the CM Series, it features a single FST® driver, the outer edge of its distinctive Kevlar® cone supported by the characteristic compression surround. High frequencies are handled superbly thanks to the CM7's Nautilus™ tube-loaded aluminium dome tweeter.



CM5

On a bookshelf or a speaker stand, the CM5 will give you a wonderfully big, expansive sound even if you don't have the floorspace to match. It's a slightly larger speaker than its sibling the CM1, with even higher sensitivity and power handling, and better bass extension. It partners a sizable 165mm Kevlar® cone bass/midrange driver with a Nautilus™ tube-loaded aluminium dome tweeter, capable of keeping high frequencies crisp and sharp all the way up to 50kHz and beyond.



CM1

The CM1 may be ideal for smaller spaces, but don't let the size of this bookshelf speaker fool you. Thanks to the quality of its construction, it's capable of producing a sound that's a match for its bigger brothers. The partnership of a 130mm Kevlar® cone bass/midrange driver with a Nautilus™ tube-loaded aluminium dome tweeter helps the speaker handle musical detail with ease across the full frequency spectrum. Despite the size of the speaker, the CM1's bass is always deep and under control thanks to the CM Series' magnet and voice coil system technology, which keeps distortion to a minimum.



CM Centre 2

If you want to get the most from your movies, the CM Centre 2 is an ideal match for a pair of floorstanding CM9s or CM7s in larger home theatre set-ups. The three-way centre channel speaker features a similar driver line-up to the CM9, including two 165mm paper/Kevlar® cone bass drive units and a Nautilus™ tube-loaded aluminium dome tweeter. In order to keep cabinet height to a minimum, the speaker uses a slightly smaller 100mm Kevlar® FST midrange driver.



CM Centre

This home theatre centre channel speaker thinks it's a hi-fi monitor. And it is. The CM Centre's symmetrically arranged driver line-up of twin 130mm Kevlar® cone bass/midrange units and a 25mm Nautilus™ tube-loaded aluminium dome tweeter are integrated by a minimalist, ear-tuned, first-order network made possible by the remarkably wide bandwidth of the drivers. The CM Centre makes music that is a seamless, cohesive whole and displays a striking ability to resolve fine detail.



ASW 10CM

The bass driver diaphragm of the ASW 10CM is constructed from a rugged, finely-tuned mix of paper pulp, Kevlar® fibres and resin. Surprisingly compact, this subwoofer delivers serious bass power thanks to a 500W amplifier, equipped with audiophile-standard Class D circuitry to keep the unit cool and efficient under pressure.

600 Series

On its debut in the mid-1990s, the original 600 Series swept up five-star reviews and product of the year awards for its affordable, audible brilliance. Since then, as new editions have appeared, it's been the same story. The latest 600 Series – the fourth generation – shares yet more leading-edge technologies with our top-of-the range 800 Series. There's a wide choice of finishes, a clean, modern look and a step forward in sound quality that raises the bar to a whole new level.

View the full 600 Series on www.bowers-wilkins.com



683

Suited to larger rooms, the imposing 683 is a full 3-way system, which for the first time in a 600 Series speaker includes FST™ cone surround technology for extra detail and resolution. All the nuances and intensities of movie sound and music are brought to life by the combination of a Nautilus™ tube-loaded tweeter, dedicated Kevlar® FST™ cone midrange and twin 65mm (6.5in) aluminium/paper/Kevlar® composite cone bass drivers.



684

A versatile speaker designed for medium to large rooms, the floorstanding 684 adds a bass-only driver to the 685 configuration, taking much of the load off the Kevlar® bass/midrange unit and, with the introduction of a minimalist, 1st-order crossover, what you hear is that much closer to what was recorded.



685

For hi-fi or home cinema in small to medium-sized rooms, you need a loudspeaker that doesn't take up floor area, but whose sound can still command the space. You'll find the 685, which can sit on a shelf, table or stand or be wall mounted, an inspired choice. It combines a 165mm (6.5in) woven Kevlar® cone bass/midrange driver, a Nautilus™ tube-loaded tweeter, internal bracing for reduced coloration and Flowport™ for clean, punchy bass.



686

The 686 is the baby of the 600 Series bunch, but doesn't lack the technologies and features to deliver outrageously good sound in smaller rooms. The 130mm diameter Kevlar® cone bass/midrange is based on a tried-and-trusted B&W design, but its new fixed centre bullet helps to smooth the response in upper frequencies. The Nautilus™ tube-loaded, aluminium dome tweeter, featuring a new surround material to improve spaciousness and imaging, adds needle-sharp top end all the way to 50kHz and beyond.



DS3
For large home theatre installations, choose a pair of rear speakers that can get you closer to the true surround sound of the cinema. The DS3 is a wall-mounted surround speaker that can operate in what's called 'dipole' mode, to create an authentic all-enveloping effect of the auditorium in a large space. Or, you may prefer to switch to conventional 'monopole' operation, in which the sound from side or rear is more precisely located and less diffuse. The choice depends on the room conditions, the size of the audience and the kind of material on view.



HTM61
The HTM61 is tailor-made to partner either the 683 or 684 in a commanding home theatre system. It's a full three-way speaker comprising a 165mm (6.5in) diameter Kevlar® bass, a 150mm (6in) diameter Kevlar® midrange with FST™ cone surround technology, and a Nautilus™ tube-loaded tweeter.



HTM62
For home theatre systems in small to medium-sized rooms, where it can team up with a pair of 684 floorstanders or 685 bookshelf units in the front positions, the HTM62 offers outstanding centre speaker performance.



ASW 610XP
A powerful yet compact subwoofer to add extra weight to the sound of music or movies. The long throw of the 250mm (10in) composite paper-Kevlar® cone allows it to move the large volumes of air needed for accurate, punchy bass. The unit delivers serious power thanks to its 500W Class D amplifier.



ASW 610
The ASW610 subwoofer presents a very happy medium between the more diminutive ASW 608 and the all-out power of the ASW 610XP. Its long-throw 250mm driver allows the ASW 610 to move the large volumes of air needed for high-quality low-frequency output, and its audiophile-standard 200W Class D amplifier keeps the compact unit running cool, even when the music or movie action is whipping up a storm.



ASW 608
For big sound in smaller spaces, you can't beat the ASW 608, the most compact of the 600 Series subwoofers. Its long-throw 200mm driver allows the ASW 608 to move the large volumes of air needed for high-quality low-frequency output, and its audiophile-standard 200W Class D amplifier keeps the unit running cool, even at very high volume levels.

XT Series

If you're looking for audiophile performance and cultured, contemporary design to match, cast your eye over the XT Series: speakers for two-channel or home theatre use that encase leading-edge acoustic engineering in slimline, aluminium cabinets. The naturally strong, curved enclosures don't just look good; they resist vibrations and shield the drive unit assemblies

from disturbances. All models incorporate tube-loaded aluminium dome tweeters and our trademark bass/midrange drivers woven from ochre-coloured Kevlar®. So good are the drive units that we need only the simplest crossovers with the fewest handpicked components to preserve the signal's purity.



XT8

This full three-way speaker features our tube-loaded Nautilus™ tweeter mounted on top of the cabinet for unrivalled clarity, a Kevlar® FST™ midrange driver, and twin five inch paper/Kevlar® bass cones, delivering remarkably extended low frequency performance from the speaker's slim profile. The XT8 benefits from a first-order crossover between the midrange and tweeter, first employed in the 800 Series.



XT2

The XT2 is a compact, two-way system offering outstanding performance for a smaller room. Perching the tube-loaded Nautilus™ tweeter on top, as in the XT8, helps to eliminate the time-smearing of the tweeter signal that accompanies its traditional position in the main cabinet. Setting it back a little gives a clearer, freer and more lifelike three-dimensional sound image.



XTC

The aptly-named XTC will help you create home theatre sound to take your breath away. A two-way system designed primarily for centre speaker use, featuring twin Kevlar® cone bass/midrange units either side of a Nautilus™ tube-loaded tweeter, it can be teamed up with XT8s or XT2s to stunning effect.



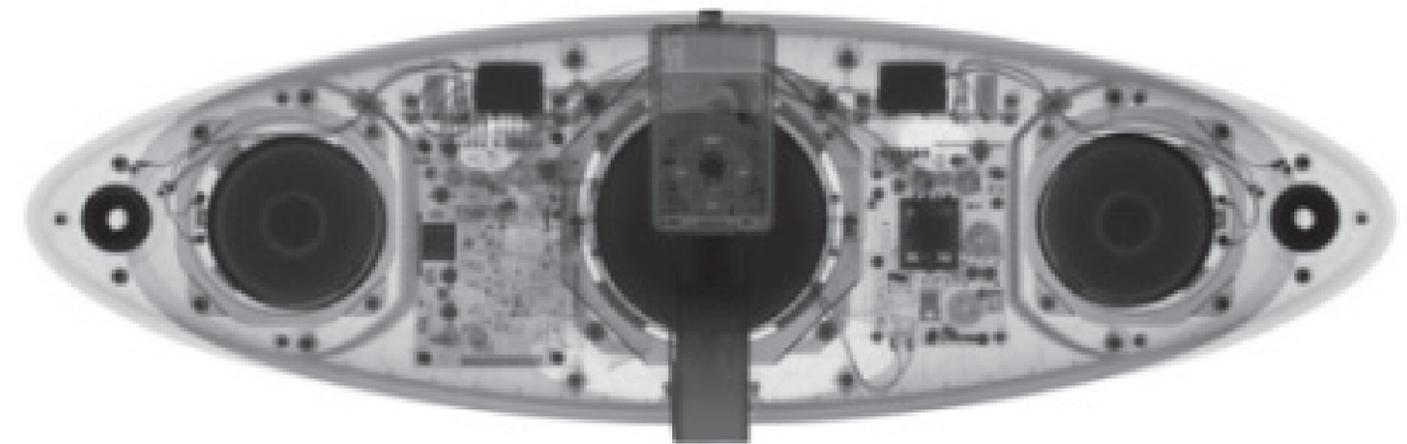
PV1

Why not couple a PV1, our rock-solid compact subwoofer, with an XT Hi-Fi or home theatre system, for deep bass from a small space?

Zeppelin™

Take a look at your iPod®. High quality digital copies of thousands of tracks, each one sitting there, waiting to be heard in all its glory. Zeppelin™ sets them all free. A full stereo system in one unit, it releases all of the detail and atmosphere that standard iPod®/MP3 speaker systems miss. Compact enough to tuck under your arm, it can set you free, too. Zeppelin™

allows you to take high-end sound with you, upstairs, downstairs, outside and poolside. Alternatively, you can station it in a den, bedroom, kitchen, office or second home. Or you might just need a simpler, smaller and more stylish replacement for your traditional audio system. Zeppelin™ rocks, wherever you are.



The Zeppelin's elegant cabinet is actually a clever composite shell comprising a highly-damped constrained layer in between a stiff polymer inner-casing and a heavy stainless steel cover. This ensures the cabinet has the highest possible strength so what you hear is the drive units themselves and not the cabinet that contains them.

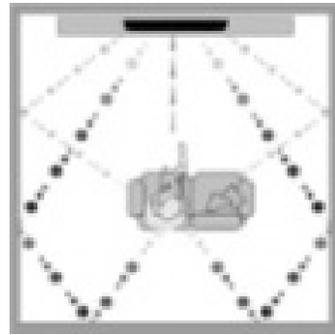


Zeppelin™ can be fixed to a wall with its own purpose-built wall-bracket, available to buy as an additional accessory. Perfect for when you're running short of table space.

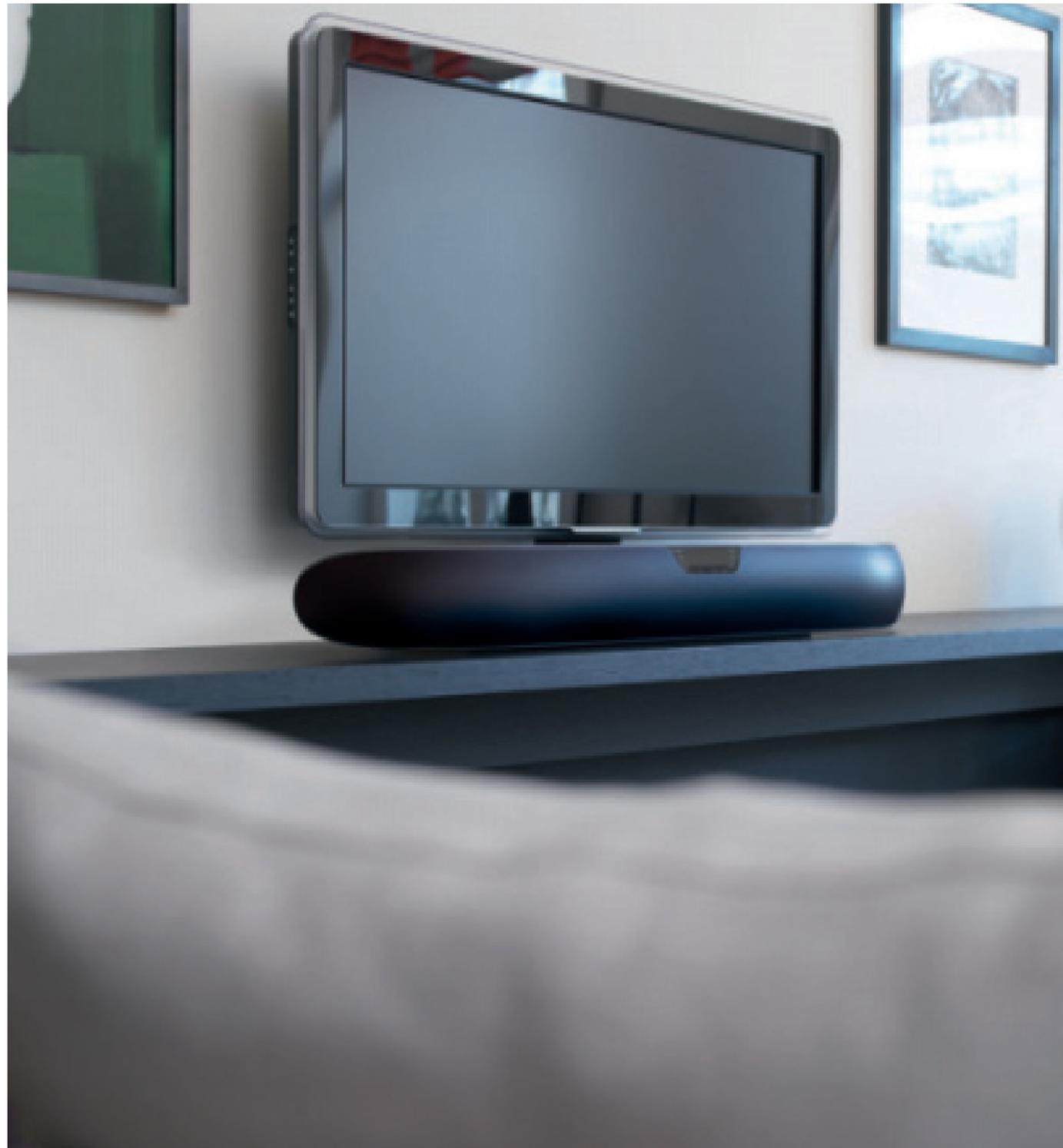
Panorama

This is the speaker your flatscreen television has been crying out for. If you desire the drama and excitement of surround sound but don't want to pack your room with boxes, this sleek speaker is the answer. Its subtly styled cabinet conceals a collection of drive units specially configured by Bowers & Wilkins to direct multi-channel sound

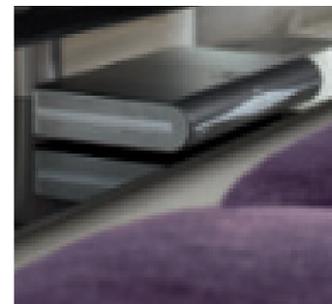
around your listening room, providing you with an immersive surround sound experience from a single box. And it truly is a one-box solution; the quality of the drive units and engineering means that there's enough bass to fill most environments without a subwoofer. Upgrade your TV.



Walls of sound Panorama uses the walls of a room to reflect front, rear and side sound channels back to the listener.



Perfect partners Panorama will bring out the best in any home entertainment device, from games consoles such as the Nintendo Wii™ and the Sony PlayStation® 3 to Sky HD boxes and DVD players.



Flat Panel Monitors

Designed with a minimalist sensibility, B&W's Flat Panel Monitors possess a poise and elegance all too rare in high-end home cinema and audio components. Just as flat plasma and LCD TV screens offer high-resolution, distortion-free images from an ultra-slimline frame, FPMs deliver superlative sound with minimal interference to the room's decor and traffic. Appropriately shallow and with a choice of heights to match popular flat screen dimensions, their visual and physical presence has been reduced to a bare minimum. The listening experience, however, has lost nothing.



High Gloss Black Silver



FPM2
The FPM2 complements the other FPM models as a compact surround speaker, but is equally at home with two-channel audio in small rooms. Ultra-shallow, it can be mounted flat or at an angle against a wall, or stand freely on a shelf or table.



FPM6 60-inch screen



FPM5 50-inch screen



FPM4 42-inch screen

FPM4, FPM5 and FPM6
Flat Panel Monitors are inspired by developments in TV screen technology. Their forms and dimensions follow those of standard flat plasma and LCD TV screens without any compromise to B&W's sound quality. Three models – FPM4, FPM5 and FPM6 – correspond to three different screen sizes, come in a choice of two frame colours, and can be mounted on a wall or tabletop. Alternatively, matching floorstands, one for the FPM4 and FPM5 (shown top), and one for the FPM6, offer a solid, elegant mount, and allow cables to be concealed in a channel at the rear.



PV1
Why not couple a PV1, our rock-solid compact subwoofer, with an FPM audio or home theatre system, for deep bass from a small space?

VM Series

The slimline VM Series takes a new angle on speaker design, literally. We understand that, particularly in home theatre set-ups, speakers might have to take up positions in the middle of a room. The sleek, contemporary styling of VM speakers extends all the way around the cabinet, front, back and sides. At the rear, the Flowport™ vent and connections are seamlessly integrated into the speaker. So, no matter where you put it, on its bookshelf stand, floor stand or wall bracket, the VM Series will look – and sound – the part from any vantage point.



AS1 and AS2
Both sharing the VM1's aesthetic, the AS1 and AS2 subwoofers are ideally suited to providing deep bass extension for your system. The AS1 features an 85W amplifier and 165mm (6½in) driver with magnetic shielding. The more powerful AS2 houses a 150W amplifier, a 250mm (10in) Mica cone driver, and our Bass Overload Suppression System circuitry.



VM6

If you're looking for a home theatre or hi-fi stereo installation with a sleekly contemporary aesthetic, look no further than the stunningly designed VM6. Used on the wall or on its dedicated stand, the speaker's 130mm Kevlar® cone bass/midrange driver and Nautilus™ tube-loaded 25mm aluminium dome tweeter will fill a room with glorious, detailed sound. Available in black gloss finish.

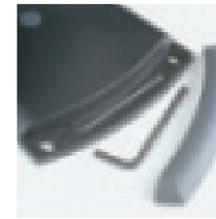


VM1

Magnetically-shielded to prevent interference with any TV picture, the VM1 can be used in two-channel audio systems or five-channel home theatre set-ups. It can be mounted vertically on its swivelling wall bracket or stand, or horizontally on a supplied foot. This flexibility, and the speaker's excellent all-round performance, means that the VM1 is able to occupy all five positions in a visually consistent home theatre installation.

LM1

Curvy and cute: two words rarely associated with the average loudspeaker. But then you could hardly call the LM1 average. Designed to fit easily with your lifestyle and interior design needs, it's the seriously fun way to enhance the sounds that add so much to your life. Just choose from our range of three colours, then sit back and let the music play. Will it be Pearl White for the minimalist in you? Black to satisfy your traditional side? Or maybe Silver to match the LM1's sparkling sonic performance? Decisions, decisions...



Optional stand

The LM1's ingenious ball joint connection allows the speaker to rotate and swivel towards wherever you're listening. The joint connects the cabinet to the flat mounting plate.



LM1

This is a speaker that's eager to please. Thanks to its cunning cast-metal mounting plate and swivelling ball joint combination, the LM1 can be placed on or fixed to any surface – desk, shelf, wall, ceiling – and turn to face in any direction. Its high-strength, internally reinforced, polypropylene body and weather-resistant design means you can even enjoy your favourite sounds in the bathroom or undercover outdoors.

Mini Theatre Series

A movie is only great if it adds up to more than the sum of its parts. We felt we should keep this in mind when we designed our most compact loudspeaker for home theatre, the M-1. From the inside out, the M-1 has been conceived as a unified system, delivering superlative sound, looks and ease of use. Starting on a blank sheet of paper, its design has evolved in a totally integrated way, from the custom-made crossover and woven bass driver cone to the two-piece, clamshell cabinet and concealed cabling. It's a sum of parts that makes for great home theatre.



Recommended systems

The M-1 is an exceptional multi-purpose speaker, designed to handle a wide band of frequencies, right up to 28kHz, out of the range of human hearing. It is more than capable of working in any of the five points in a home theatre system. Anchor this quintet with the bass from a B&W subwoofer, and you'll experience movie sound to keep you gripped, right to the final frame. Every whisper, rustle, creak, crunch, and crash of your favourite movies will seem like new once again.

M-1s can be bought individually, so they can be used in pairs for two-channel audio, too. Or you can pick up a box of five for a 5.1 home theatre set-up, with four set up vertically as your front and rear side speakers, and one as the horizontal front centre monitor. It's a much more adaptable set-up than the system-in-a-box approach. With M-1s in all five positions, your installation is future-proof: when you want to upgrade to a 6.1 or 7.1 set-up, just add one or two extra M-1s.

There are three subwoofers we'd recommend teaming up with your M-1s. Each offers a different level of bass extension and control for different needs and settings. And, in a system alongside M-1s, each one will add an extra dimension to the movies you love.



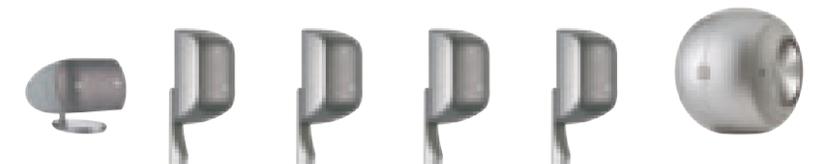
MT-10

For smaller rooms, a set-up of five M-1s, possibly wall-mounted, and B&W's AS1 subwoofer offers the right balance of power and performance. The AS1 features an 85W amplifier, a 6.5 inch driver and a music/movie mode switch.



MT-20

For the average-sized listening room, a sound option is to position table plinth-mounted M-1s on shelves and furniture, and bring in the bass from an AS2 subwoofer, featuring a 10 inch mica long-throw driver, a 150W amp and advanced control functions.



MT-30

For the ultimate, large room, M-1-based home theatre installation, mount the four front and rear side speakers on floor stands. Incorporate the visually and acoustically unique PV1 subwoofer, which shares the same design approach as the M-1 and develops some serious bass power from its 500W IcePower® amplifier and back-to-back 8 inch drivers.

When we decided to create a new, powerful, compact subwoofer for use in home theatre or two-channel set-ups, we weren't going to contradict nature. Instead of a box, we based it on a bubble; the natural way of containing internal pressures without resorting to corners and edges.

It's a beautiful solution to the problems that plague conventional subwoofers. In the PV1, the tremendous air pressures that stress the panels of normal, flat-sided subs at higher output levels are dispersed evenly around a rigid, continuous shell, reducing unwanted vibrations to a bare minimum.



Gloss black with anthracite trim

Gloss silver with grey trim

Gloss white with chrome trim



The PV1's inherent stability means it can be pushed just that bit further. The symmetrical mounting of its twin drive units keeps the subwoofer perfectly balanced and anchored to the floor. So there's no rattle when it rumbles. The back-to-back arrangement also further improves the distribution of pressure inside the speaker. Coupled to 500W of ICEpower® amplification, the drivers have the dynamics and control to deliver all a subwoofer should. A group of simple controls allow you to tailor the PV1's output precisely to your needs and those of your system.

All you hear is unimpaired bass that expands and deepens every listening experience. A big sound from a small bubble.



Custom Theatre 800

The CT800 system brings the advanced audio technologies and craftsmanship found in our flagship 800 Series hi-fi speakers directly to your home theatre set-up. Once installed, the speakers are virtually invisible. What's impossible to ignore is the quality. Every pin-drop, staircase creak and earth-shaking explosion is delivered with such extraordinary clarity, depth and control that it will leave you speechless. CT800 speakers may be the most sophisticated pieces of kit you'll ever keep in a cupboard. And you won't ever want to take them out.



CT8 XO Mk2

The CT8 XO Mk2 is the conductor for the CT800 home theatre orchestra: an active crossover/equaliser providing all the necessary filtering and control functions to make sure that your system sings in perfect harmony.



CT8 LR

At the heart of this front channel speaker is technology borrowed directly from our flagship 800 Series: twin Rohacell® bass drivers, a woven Kevlar® FST™ midrange driver and a metal dome high frequency driver. The spherical midrange/tweeter head can be angled for perfect alignment with the listening area.



CT8 CC

The CT8 CC centre speaker borrows its Nautilus™-inspired driver line-up from the CT8 LR front speaker. The same Rohacell® bass drivers, woven Kevlar® FST™ midrange driver and metal dome high frequency driver are employed, but arranged with the twin bass drivers positioned either side of the combined midrange and high frequency adjustable pod.



CT8 DS

To generate an authentically three-dimensional listening experience, the CT8 DS surround speaker offers both dipole and monopole surround dispersion. Along with forward-facing Kevlar® FST™ midrange and metal-dome high-frequency drivers, the CT8 DS also carries side-facing Kevlar® midrange/high frequency drivers.



CT8 SW

Used with each CT8 LR, this passive subwoofer is designed to extend the front channel speaker's bandwidth down to 13Hz, perfectly reproducing low frequency signals without compromising dynamics and imaging. Closed box loading, a 15 inch Rohacell® driver and a 70 litre Matrix™-braced enclosure mean home theatre bass will never be quite the same again.



CT8.2 LCR

The CT8.2 LCR is the latest addition to the very successful CT800 Series. Its unique modular baffle design allows for it to be used as a LCR speaker in either vertical or horizontal positions. The CT8.2 LCR: twin Paper/Kevlar® bass drivers, a woven Kevlar® FST™ midrange driver and a metal dome high frequency driver in a passive crossover design.



CT8.4 LCRS

The CT8.4 LCRS is designed as an alternative to the CT8 DS when space is at a premium: it's a smaller, more compact vertical surround sound speaker that generates a similarly 3D experience. It also packs enough power to act as a stand-alone loudspeaker positioned front, side and rear.

Custom Theatre 700

If you thought that true cinema sound was beyond the reach of all but the most committed audiophiles, think again. The entry-level CT700 system refuses to compromise a single decibel on quality, borrowing Nautilus™-derived technology such as tube-loaded tweeters and Kevlar® drive units from our best hi-fi speakers. Each model in the range integrates seamlessly with home theatre cabinetry and is versatile enough to be used in left, centre, right or surround sound positions. Put together, they add a whole new dimension to your enjoyment of home cinema.

Custom Theatre Subwoofers

Great bass can be the difference between hearing a film and really feeling it. For the kind of thrilling, physical impact that sets the adrenalin pumping and the blood racing, there's no substitute for a good subwoofer. So however big or small your custom theatre set-up, you'll be glad to know we've got the sub to match. Featuring a closed-box design that makes them easy to install in cabinetry, each model provides the dynamics and control needed to handle the most powerful movie effects, from big explosions to the sweep of an orchestral score. All that's left for you to do is hang on to your seat.



CT7.3 LCRS
The top-of-the-range speaker offers unparalleled clarity combined with powerful low frequency effects thanks to a pair of whopping 8 inch paper/Kevlar® bass units and a dedicated Kevlar® FST™ midrange.



CT7.4 LCRS
The mid-point speaker in the range offers a combination of high sensitivity and impressive performance at lower frequencies through its two 6 inch Kevlar® bass/midrange drivers.



CT7.5 LCRS
The entry-level speaker delivers outstanding spaciousness, imaging and definition through its single 7 inch Kevlar® bass/midrange unit.



CT SW15
For maximum bass impact, the CT SW15 comes with a 15 inch long-throw cone, made from the same paper/Kevlar® composite.



CT SW12
For maximum bass impact, the CT SW12 comes with a slightly smaller 12 inch long-throw cone, made from the same paper/Kevlar® composite.



CT SW10
The more compact of our three Custom Theatre subs features a 10 inch long-throw paper/Kevlar® cone.



Subwoofer Amplifier SA1000
The SA1000's equalisation is custom-tailored to the CT SW subs, delivering deep-bass extension all the way to 16 Hz. And why stop at just one subwoofer? For really serious bass, it's possible to use the SA 1000 to power two subs simultaneously.

Custom Installation

Of course, we understand if you don't want to see your speakers at all, and that all you're asking for is the best speaker sound money can buy. Our Custom Series offers a wide range of alternative models for audio or home theatre that can all be fitted (by an authorised B&W custom installer) flush into walls and ceilings. The only visible evidence is the speaker's slimline grille and frame, which can be painted over or covered to disappear into its surroundings. See nothing, but hear everything.



Signature 8NT

A serious three-way system drawing heavily on 800 Series technologies, the Signature 8NT is the reference for in-wall speakers. Its twin bass drivers with die-cast chassis, FST™ midrange driver and Nautilus™ tube-loaded tweeter deliver stunning sound for two-channel audio or multichannel home theatre.



CWM 8180

The CWM 8180 is a genuine high technology, high performance hi-fi speaker – it just happens to mount in a wall. Its driver line-up reads just like one of the 800 series: 200mm Rohacell® bass driver, 130mm Kevlar® cone FST midrange driver and 25mm Nautilus™ tube loaded aluminium dome tweeter – they give the CWM 8180 a real sense of musical authority and accuracy.



CWM DS8

The CWM DS8 provides either dipole or monopole sound at the push of a remote control handset button. The CWM DS8 achieves its versatility by incorporating two midrange and tweeter driver arrays with a shared bass driver. In conventional mode the system is configured in 2-way format with a 180mm Kevlar® bass/midrange driver and 25mm Nautilus™ tube loaded aluminium dome tweeter. In dipole mode the system is configured in dual 3-way format with two separate 80mm Kevlar® midrange and 25mm Nautilus™ tube loaded aluminium dome tweeter arrays sharing the same bass driver.



CWM LCR8

The CWM LCR8 is a 2½-way in-wall speaker incorporating twin 130mm (5in) aluminium cone bass drivers, twin 130mm (5in) woven Kevlar® cone bass/midrange drivers, and a Nautilus™ tube loaded 25mm (1in) aluminium dome tweeter in a symmetrical array less than 220mm (8.7 in) wide. Technology of this sophistication is rare in an in-wall speaker. It achieves a -6dB bandwidth stretching from 35Hz to 50kHz and can generate sound levels equivalent to the largest scale live music or theatre performance.



CWM LCR7

Featuring cutting-edge B&W technology, the LCR7 features twin 100mm (4in) mica cone bass drivers, a 100mm (4in) woven Kevlar® cone midrange driver and a Nautilus™ tube-loaded 25mm (1in) aluminium dome tweeter. The mica bass drivers provide the low frequency snap characteristic of any really good loudspeaker, whilst the Kevlar® midrange driver sounds both warm and clear. The Nautilus™-inspired tweeter combines fine detail with relaxed neutrality.



Signature 7NT

The Signature 7NT is a true Kevlar® woofer – based audiophile in-wall monitor. The aluminium baffle has very high rigidity, which with the 7in cast frame improves bass speed and attack. The crossover contains polypropylene capacitors resulting in transparency throughout the frequency range. The inverted drive unit configuration brings the Nautilus™ tube technology tweeter closer to ear height and the speaker has a switch to allow the HF level to be adjusted. The speaker can be bi-wired via high quality gold plated terminals.



CCM 818

An unobtrusive, flush-mounted version of the CCM 817, the CCM 818 is as powerful as it is invisible. The speaker's 200 mm (8 in) woven Kevlar® cone drive unit is fitted at a 12-degree angle, thereby retaining some of its cousin's sound directionality.



CCM 817

Equipped with a woven Kevlar® cone 180 mm (7 in) bass / midrange driver and an offset Nautilus™ tube-loaded tweeter, the CCM 817 achieves a level of sound quality previously unknown for a ceiling speaker. It combines its extraordinary performance with an integrated tilt chassis that enables orientation with the listening position.

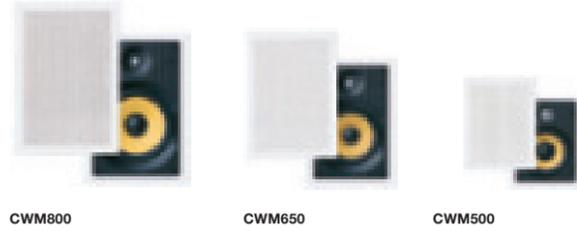


CCM 816

Borrowing the punchy Kevlar® bass/midrange drive unit from B&W's legendary 800 Series, the CCM816 in-ceiling speaker, a smaller version of the CCM818, is designed for home theatre or 2-channel applications. Fitted at a 28-degree angle, the 165 mm (6.5 in) woven Kevlar® cone drive unit enables the optimum listening axis to be directed more towards the listening area. This improves sound quality and imaging in a way that normal ceiling speakers cannot offer.

Custom Installation

The immaculate acoustic performance of these two-way in-wall speakers is down to technology inherited from our most refined standalone hi-fi speakers. All three incorporate Kevlar® bass/midrange drive units, along with highly sensitive 25mm aluminium dome tweeters. Each comes with swing out dogs for effortless installation.



The in-wall CWM 6260's adjustable level soft dome tweeter brings smoother and more detailed high-frequency performance to a package that also includes a woven fibreglass 165mm (6.5in) bass/midrange driver. Integrated swing-out dogs allow simple and rapid fixing. An optional back box reduces sound bleed to adjoining rooms and defines the bass/midrange driver's working volume.



The ultimate wall-mount speakers for home cinema, combining brilliantly detailed sound quality with compactness and versatility. The CWM Cinema has a unique two-position tilt axis for optimum directional sound and two Kevlar® coned bass/midrange drive units, while the CWM Cinema 6 employs a pair of fibreglass bass/midrange cones. Both incorporate Nautilus™ tube-loaded tweeters, and can be used as a left, right or surround-sound speaker as required.



Need big sound, slamming bass and audiophile bass extension, but don't want to see where it comes from? Then the ISW-4 in-wall subwoofer is for you. Two long-throw 200 mm (8 in) drivers allow it to move the large volumes of air needed for high-quality low-frequency output. The ISW-4 is housed in its own sturdy back box for rock-solid stability and minimum sound bleed, and is powered by the SA250, a separate audiophile-standard 250W Class D amplifier.



If you're looking for high performance from your ceiling-mount speakers, look no further. The CCM80 and CCM65 each have a 25mm metal dome tweeter that pivots for adjustable off-axis treble response. The CCM 50 incorporates an Ultra-12 tweeter with low diffraction effect dome protection, and is ideal for smaller systems where space is limited. All three feature treble contour switches to cut or boost the high frequencies and swing out dogs for easy installation.



These two-way ceiling mount speakers provide excellent low-frequency performance thanks to their woven glass fibre bass/midrange drive units. All apart from the CCM616 feature an offset, tilting soft-dome tweeter allowing for a smooth response and increased sound directionality, along with a three-position equalization switch to tailor high frequency sound to your installation. Simpler and more compact, the CCM616 is an ideal speaker for those extra, indulgent locations, like the kitchen or bathroom.



The ingenious design of these two-way in-ceiling speakers, featuring twin voice coils and tweeters, means that one speaker can combine the stereo signal without losing one audio channel. The CCM 646S features a woven glass fibre cone bass/midrange driver and soft dome Ultra-12 tweeters, while the high performance CCM746S includes a Kevlar® bass/midrange driver and aluminium dome tweeters. Both include a high frequency EQ speech for custom-tailoring sound to your environment.



Weatherproof Monitors

Almost everything is more fun in the fresh air. So it's a sorry state of affairs when the only places we can enjoy our top tunes are in the house or in the car. B&W has the answer: a range of hard-wearing, weatherproof speakers that bring superb quality sound to gardens, balconies, patios and poolsides. Equipped with woven fibreglass bass/midrange cones and Nautilus™-derived tweeters, all three Weatherproof Monitors will deliver a crisp stereo image across a surprisingly wide area. Whatever the weather, you won't want to come inside.



WM6

The top-of-the-range WM6 is a versatile solution for outdoor settings needing a more extended bass response and higher output. The larger cabinet of the WM6 houses a 160mm (6.5in) bass/midrange driver cone and a Nautilus™ tube-loaded tweeter. The cabinet includes an innovative 'J port' vent, which allows fully extended bass out but stops rainwater getting in.

WM4

The WM4's more compact cabinet houses a 130mm (5in) bass/midrange driver and a Nautilus™ tube-loaded tweeter. As with the other models, the WM4's corrosion-proof materials and self-draining 'J port' resist the elements. And, in line with the WM6, the WM4's wall bracket allows it to be angled in both vertical and horizontal directions.



WM2

The WM2 uses the same sized cabinet and bass/midrange driver as the WM4. The 130mm (5in) unit crosses over to an Ultra-12 tweeter for high frequencies. An integral wall bracket allows rotation in one plane and has keyhole fixings to allow mounting in either vertical or horizontal orientation.



Black

White



Specifications

Nautilus™ Signature Diamond

Description	4-way tube-loaded loudspeaker system	
Features	Nautilus™ tube loading Active crossover	
Drive units	1x ø25mm (1in) aluminium dome high-frequency 1x ø50mm (2in) aluminium dome upper midrange 1x ø100mm (4in) aluminium/polymer sandwich cone lower midrange 1x ø300mm (12in) aluminium cone bass	
Frequency Range (-6dB)	10Hz and 25kHz	
Dispersion	Horizontal	Within 2dB of response on reference axis over 60° arc
	Vertical	over 10° arc
Crossover frequencies	220Hz, 880Hz, 3.5kHz	
Power amplifier requirements	4 channels per speaker, rated 100W-300W continuous into 8Ω on unclipped programme (each channel to have identical gain and phase)	
Dimensions	Height	1210mm (47.6in)
	Width	430mm (16.9in)
	Depth	1105mm (43.5in)
Net weight	Speaker	44.5kg (98lb)
	Plinth	42kg (92lb)
	Total	86.5kg (190lb)
Standard finishes	Midnight Blue, Black, Silver	

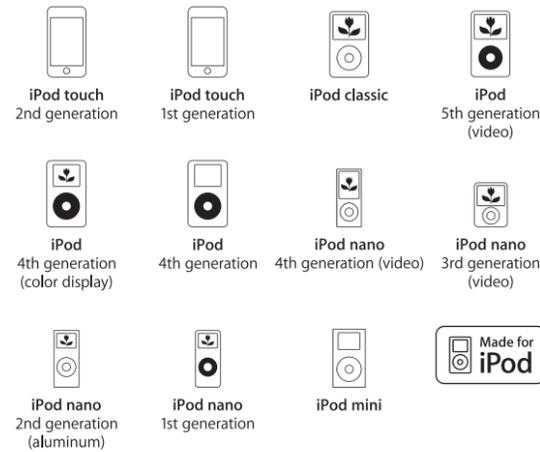
Description	2-way vented-box system		
Features	Free-mounted diamond dome tweeter with Nautilus™ tube loading Kevlar® brand fibre cone bass/midrange Flowport™		
Drive units	1x ø25mm (1in) diamond dome high-frequency 1x ø180mm (7in) woven Kevlar® cone bass/midrange		
Frequency Range (-6dB)	32Hz and 33kHz		
Frequency response	40Hz – 28kHz ±3dB on reference axis		
Dispersion	Horizontal	Within 2dB of reference response over 50° arc	
	Vertical	over 10° arc	
Sensitivity	88dB spl (2.83V, 1m)		
Harmonic distortion	2nd and 3rd harmonics (90dB, 1m) <1% 80Hz – 100kHz <0.5% 110Hz – 100kHz		
Nominal impedance	8Ω (minimum 4.6Ω)		
Crossover frequency	3.8kHz		
Recommended amplifier power	50W – 120W into 8Ω on unclipped programme		
Max. recommended cable impedance	0.1Ω		
Dimensions	Height	930mm (36.6in) (not including detachable feet)	
	Width	230mm (9.1in)	
	Depth	375mm (14.8in)	
Net weight	25kg (55lb)		
Finishes	Cabinet	White	Wakame
	Tweeter	Grigio Carnico marble	Belgian Black marble
	Grille	Black cloth	Black cloth



Zeppelin™ Panorama

Description	Speaker system for iPod®	
Features	Digital Signal Processing Digital amplifier Switch mode power supply Universal docking port Nautilus™ tube-loaded dome tweeter	
Drive units	2x ø25mm (1in) metal dome high-frequency 2x ø90mm (3.5in) midrange 1x ø125mm (5in) bass	
Frequency Range (-6dB)	47Hz and 22kHz	
Amplifier power output	1x 50W (bass) 2x 25W (midrange/tweeter)	
Power input Voltage	100V – 240V – 50/60Hz	
Rated power consumption	20W	
Standby power consumption	3.7W	
Inputs	30-pin iPod® connector	
	3.5mm mini jack analogue/optical digital	
	USB 2.0 slave (software upgrades)	
Outputs	S-Video (mini DIN)	
	Composite Video (RCA Phono)	
Dimensions	Height	173mm (6.8in)
	Width	640mm (25.2in)
	Depth	208mm (8.2in)
Net Weight	7.5kg (16.5lb)	
Finishes	Enclosure	Polished stainless steel with black trim
	Grilles	Black cloth

Description	Integrated AV Sound System	
Technical features	Nautilus™ tube loaded aluminium dome tweeter Flowport™ Digital Signal Processing Digital amplifier Switch mode power supply	
	Decodes:	Dolby® Digital Dolby® PLII DTS™ Stereo AAC-Mpeg2 (Japan Only)
	Drive units	2x ø90mm (3.5in) subwoofers 2x ø75mm (3.0in) midrange 4x ø75mm (3.0in) surround channels 1x ø25mm (1in) metal dome tweeter
Frequency range	-6dB at 36Hz and 50kHz	
Amplifier power output	1x 50W (subwoofers) 5x 25W (centre/surround)	
Power input voltage	USA, Canada: AC 120V, 60Hz Europe: AC 230V, 50Hz China: AC 220V, 50Hz Japan: AC 100V, 60Hz	
Rated power consumption	32W	
Standby power consumption	<0.7W	
Inputs	2x optical digital TOSLINK™	
	1x electrical digital Coax (RCA Phono)	
	2x Analogue (RCA Phono) 3.5mm mini jack: RS-232 service connector	
Outputs	Subwoofer pre out (RCA Phono)	
	Output:	1 Vrms
	Frequency:	12 – 150Hz
Dimensions	Height:	130mm (5.11in)
	Width:	1090mm (42.91in)
	Depth:	186mm (7.32in)
Gross weight	14.1kg	
Finish	Enclosure:	Mirror black stainless steel skin
	Grille:	Black steel mesh



Wall bracket included.

800 Series

	800D	801D	802D	803D	803S	804S	805S	
Description	3-way vented-box system	3-way vented-box system	3-way vented-box system	3-way vented-box system	3-way vented-box system	3-way vented-box system	2-way vented-box system	
Drive Units	1x ø25mm (1in) diamond dome high-frequency 1x ø150mm (6in) woven Kevlar® cone FST™ midrange 2x ø250mm (10in) Rohacell® cone bass	1x ø25mm (1in) diamond dome high-frequency 1x ø150mm (6in) woven Kevlar® cone FST™ midrange 1x ø380mm (15in) Rohacell® cone bass	1x ø25mm (1in) diamond dome high-frequency 1x ø150mm (6in) woven Kevlar® cone FST™ midrange 2x ø200mm (8in) Rohacell® cone bass	1x ø25mm (1in) diamond dome high-frequency 1x ø150mm (6in) woven Kevlar® cone FST™ midrange 3x ø180mm (8in) Rohacell® cone bass	1x ø25mm (1in) aluminium dome high-frequency 1x ø150mm (6in) woven Kevlar® cone FST™ midrange 2x ø180mm (8in) Rohacell® cone bass	1x ø25mm (1in) aluminium dome high-frequency 1x ø150mm (6in) woven Kevlar® cone FST™ midrange 2x ø165mm (6.5in) Rohacell® cone bass	1x ø25mm (1in) aluminium dome high-frequency 1x ø150mm (6in) woven Kevlar® cone FST™ midrange 2x ø165mm (6.5in) Rohacell® cone bass	1x ø25mm (1in) aluminium dome high-frequency 1x ø165mm (6.5in) woven Kevlar® cone bass/midrange
Frequency Range (-6dB)	25Hz and 33kHz	23Hz and 33kHz	27Hz and 33kHz	28Hz and 33kHz	28Hz and 50kHz	30Hz and 50kHz	42Hz and 50kHz	
Power handling	1000W	1000W	500W	500W	250W	200W	120W	
Sensitivity	90dB spl (2.83V, 1m)	90dB spl (2.83V, 1m)	90dB spl (2.83V, 1m)	90dB spl (2.83V, 1m)	90dB spl (2.83V, 1m)	90dB spl (2.83V, 1m)	88dB spl (2.83V, 1m)	
Impedance	8Ω (minimum 3.1Ω)	8Ω (minimum 3.5Ω)	8Ω (minimum 3.5Ω)	8Ω (minimum 3Ω)	8Ω (minimum 3Ω)	8Ω (minimum 3Ω)	8Ω (minimum 3.7Ω)	
Dimensions	Height 1180mm (46.5in) no feet Width 450mm (17.7in) Depth 645mm (25.4in)	Height 1192mm (46.9in) no feet Width 506mm (19.9in) Depth 682mm (26.9in)	Height 1135mm (44.7in) no feet Width 368mm (14.5in) Depth 563mm (22.2in)	Height 1164mm (45.8in) no feet Width 306mm (12in) Depth 457mm (18in)	Height 1063mm (41.9in) no feet Width 291mm (11.5in) Depth 433mm (17in)	Height 1020mm (40.2in) no feet Width 238mm (9.4in) Depth 351mm (13.8in)	Height 418mm (16.5in) Width 238mm (9.4in) Depth 351mm (13.8in)	Height 418mm (16.5in) Width 238mm (9.4in) Depth 351mm (13.8in)
Weight	125kg (275lb)	118kg (260lb)	80kg (176lb)	45kg (98lb)	41kg (90lb)	28kg (62lb)	11.5kg (26lb)	
Finishes	Black Ash Cherrywood Rosenut	Black Ash Cherrywood Rosenut	Black Ash Cherrywood Rosenut	Black Ash Cherrywood Rosenut	Black Ash Cherrywood Rosenut	Black Ash Cherrywood Rosenut	Black Ash Cherrywood Rosenut	



800 Series

	HTM1D	HTM2D	HTM3S	HTM4S	SCMS	DS8S	ASW 855	ASW 825	
Description	3-way vented-box system	3-way vented-box system	3-way closed-box system	2-way vented-box system	2-way vented-box system	2-way closed-box selectable dipole/monopole system	Active closed-box subwoofer system	Active closed-box subwoofer system	
Drive Units	1x ø25mm (1in) diamond dome high-frequency 1x ø150mm (6in) woven Kevlar® cone FST™ midrange 3x ø200mm (8in) Rohacell® cone bass	1x ø25mm (1in) diamond dome high-frequency 1x ø150mm (6in) woven Kevlar® cone FST™ midrange 2x ø180mm (7in) Rohacell® cone bass	1x ø25mm (1in) aluminium dome high-frequency 1x ø150mm (6in) woven Kevlar® cone FST™ midrange 2x ø165mm (6.5in) Rohacell® cone bass	1x ø25mm (1in) aluminium dome high-frequency 1x ø165mm (6.5in) woven Kevlar® cone bass/midrange	1x ø25mm (1in) aluminium dome high-frequency 1x ø165mm (6.5in) woven Kevlar® cone bass/midrange	1x ø25mm (1in) aluminium dome high-frequency 2x ø100mm (4in) woven Kevlar® cone midrange 1x ø180mm (7in) woven Kevlar® cone bass/midrange	3x ø25mm (1in) aluminium dome high-frequency 2x ø100mm (4in) woven Kevlar® cone midrange 1x ø180mm (7in) woven Kevlar® cone bass/midrange	1x ø380mm (15in) Rohacell® cone long-throw	1x ø300mm (12in) Rohacell® cone long-throw
Frequency Range (-6dB)	32Hz and 33kHz	35Hz and 33kHz	35Hz and 50kHz	42Hz and 50kHz	48Hz and 50kHz	45Hz and 50kHz (monopole) 45Hz and 18kHz (dipole)	14Hz and 40/140Hz adjustable (EQ at A)	15Hz and 40/140Hz adjustable (EQ at A)	
Power handling	500W	300W	250W	120W	120W	120W	1000W (output)	1000W (output)	
Sensitivity	90dB spl (2.83V, 1m)	90dB spl (2.83V, 1m)	90dB spl (2.83V, 1m)	88dB spl (2.83V, 1m)	88dB spl (2.83V, 1m)	89dB spl (2.83V, 1m)			
Impedance	8Ω (minimum 3.7Ω)	8Ω (minimum 3.1Ω)	8Ω (minimum 3.2Ω)	8Ω (minimum 2.6Ω)	8Ω (minimum 4.7Ω)	8Ω (minimum 4.4Ω)			
Dimensions	Height 585mm (23in) no feet Width 974mm (38.3in) Depth 580mm (22.8in)	Height 329mm (13in) no feet Width 841mm (33.1in) Depth 387mm (15.2in)	Height 320mm (12.6in) no feet Width 783mm (30.8in) Depth 316mm (12.4in)	Height 279mm (11in) no feet Width 486mm (19.1in) Depth 287mm (11.3in)	Height 399mm (15.7in) Width 373mm (14.7in) Depth 219mm (8.6in) not including wall bracket	Height 360mm (14.2in) Width 622mm (24.5in) Depth 205mm (8.1in)	Height 529mm (20.8in) no feet Width 562mm (22.1in) Depth 522mm (20.6in) including grille and controls	Height 529mm (20.8in) no feet Width 476mm (18.7in) Depth 351mm (13.8in) including grille and controls	
Weight	93kg (205lb)	31kg (68lb)	28kg (62lb)	12.5kg (27lb)	8.5kg (19lb)	15kg (33lb)	45kg (99lb)	35kg (77lb)	
Finishes	Black Ash Cherrywood Rosenut	Black Ash Cherrywood Rosenut	Black Ash Cherrywood Rosenut	Black Ash Cherrywood Rosenut	Black Ash Cherrywood Rosenut	Black Ash Cherrywood Rosenut	Black Ash Cherrywood Rosenut	Black Ash Cherrywood Rosenut	



CM Series

	CM9	CM7	CM5	CM1	CM Centre 2	CM Centre	ASW 10CM
Description	3-way vented-box system	3-way vented-box system	2-way vented-box system	2-way vented-box system	3-way vented-box system	2-way vented-box system	Active subwoofer system
Drive Units	1x ø25mm (1in) aluminium dome high-frequency 1x ø150mm (6in) woven Kevlar® cone FST™ midrange 2x ø165mm (6.5in) paper/Kevlar® cone bass	1x ø25mm (1in) aluminium dome high-frequency 1x ø130mm (5in) woven Kevlar® cone FST™ midrange 1x ø165mm (6.5in) paper/Kevlar® cone bass	1x ø25mm (1in) aluminium dome high-frequency 1x ø165mm (6.5in) woven Kevlar® cone bass/midrange	1x ø25mm (1in) aluminium dome high-frequency 1x ø130mm (5in) woven Kevlar® cone bass/midrange	1x ø25mm (1in) aluminium dome high-frequency 1x ø100mm (4in) Kevlar® cone FST™ midrange 2x ø165mm (6.5in) Paper/Kevlar® cone bass	1x ø25mm (1in) aluminium dome high-frequency 2x ø130mm (5in) woven Kevlar® cone bass/midrange	ø250mm (10in) paper/Kevlar® cone long-throw
Frequency Range (-6dB)	30Hz and 50kHz	34Hz and 50kHz	45Hz and 50kHz	45Hz and 50kHz	40Hz and 50kHz	45Hz and 50kHz	18Hz and 25/140Hz
Power handling	200W	150W	120W	100W	200W	120W	500W
Sensitivity	89dB spl (2.83V, 1m)	88dB spl (2.83V, 1m)	88dB spl (2.83V, 1m)	84dB spl (2.83V, 1m)	85dB spl (2.83V, 1m)	85dB spl (2.83V, 1m)	
Impedance	8Ω (minimum 3.0Ω)	8Ω (minimum 3.0Ω)	8Ω (minimum 3.7Ω)	8Ω (minimum 5.1Ω)	8Ω (minimum 3Ω)	8Ω (minimum 4.3Ω)	33kΩ
Dimensions	Height 1025mm (40.4in) Width 200mm (7.9in) Depth 321mm (12.6in)	Height 910mm (35.8in) no feet Width 200mm (7.9in) Depth 300mm (11.8in)	Height 340mm (13.4in) Width 200mm (7.9in) Depth 301mm (11.9in)	Height 280mm (11in) Width 165mm (6.5in) Depth 276mm (10.9in)	Height 218mm (8.6in) Width 590mm (23.2in) Depth 301mm (11.9in)	Height 166.5mm (6.6in) Width 480mm (18.9in) Depth 275mm (10.8in)	Height 325mm (12.8in) Width 325mm (12.8in) Depth 362mm (14.3in)
Weight	26.6kg (58.5lb)	20kg (44lb)	8.9kg (19.6lb)	6.7kg (14.7lb)	18.7kg (41.1lb)	11.5kg (25.3lb)	19.5kg (43lb)
Finishes	Wengé Rosenut Gloss black	Wengé Rosenut Gloss black	Wengé Rosenut Gloss black	Wengé Rosenut Gloss black	Wengé Rosenut Gloss black	Wengé Rosenut Gloss black	Wengé Rosenut Gloss black



XT Series

	XT8	XT2	XTC
Description	3-way vented-box system	2-way vented-box system	2-way vented-box system
Drive Units	1x ø25mm (1in) aluminium dome high-frequency 1x ø130mm (5in) woven Kevlar® cone FST™ midrange 2x ø130mm (5in) Paper/Kevlar® cone bass	1x ø25mm (1in) aluminium dome high-frequency 1x ø130mm (5in) woven Kevlar® cone bass/midrange	1x ø25mm (1in) aluminium dome high-frequency 2x ø130mm (5in) woven Kevlar® cone bass/midrange
Frequency Range (-6dB)	34Hz and 50kHz	46Hz and 50kHz	40Hz and 50kHz
Power handling	150W	100W	150W
Sensitivity	86dB spl (2.83V, 1m)	85dB spl (2.83V, 1m)	87dB spl (2.83V, 1m)
Impedance	8Ω (minimum 3.1Ω)	8Ω (minimum 5.2Ω)	8Ω (minimum 4Ω)
Dimensions	Height 1155mm (45.5in) no feet Width 154mm (6.1in) over cabinet Depth 322mm (12.7in) over base	Height 315mm (12.3in) (no feet) Width 154mm (6.1in) Depth 200mm (7.9in) no bracket 213mm (8.4in) wall mounted	Height 154mm (6.1in) cabinet only Width 161mm (6.3in) on table support Depth 512mm (20.2in) 200mm (7.9in) no bracket 212mm (8.4in) wall mounted
Weight	24.5kg (54lb)	5kg (11lb)	8kg (17.6lb)
Finishes	Gloss Black Natural Brushed Aluminium	Gloss Black Natural Brushed Aluminium	Gloss Black Natural Brushed Aluminium



600 Series

	683	684	685	686	HTM61	HTM62
Description	3-way vented-box system	2½-way vented-box system	2-way vented-box system	2-way vented-box system	3-way vented-box system	2-way vented-box system
Drive Units	1x ø25mm (1in) aluminium dome high-frequency 1x ø150mm (6in) woven Kevlar® cone FST™ midrange 2x ø165mm (6.5in) aluminium/paper/Kevlar® cone bass	1x ø25mm (1in) aluminium dome high-frequency 1x ø165mm (6.5in) woven Kevlar® cone bass/midrange 1x ø165mm (6.5in) woven Kevlar® cone bass	1x ø25mm (1in) aluminium dome high-frequency 1x ø165mm (6.5in) woven Kevlar® cone bass/midrange	1x ø25mm (1in) aluminium dome high-frequency 1x ø130mm (5in) woven Kevlar® cone bass/midrange	1x ø25mm (1in) aluminium dome high-frequency 1x ø150mm (6in) woven Kevlar® cone FST™ midrange 1x ø165mm (6.5in) woven Kevlar® cone bass	1x ø25mm (1in) aluminium dome high-frequency 2x ø130mm (5in) woven Kevlar® cone bass/midrange
Frequency Range (-6dB)	30Hz and 50kHz	34Hz and 50kHz	42Hz and 50kHz	45Hz and 50kHz	30Hz and 50kHz	45Hz and 50kHz
Power handling	200W	150W	100W	100W	150W	120W
Sensitivity	90dB spl (2.83V, 1m)	90dB spl (2.83V, 1m)	88dB spl (2.83V, 1m)	84dB spl (2.83V, 1m)	90dB spl (2.83V, 1m)	85dB spl (2.83V, 1m)
Impedance	8Ω (minimum 3Ω)	8Ω (minimum 3Ω)	8Ω (minimum 3.7Ω)	8Ω (minimum 5.1Ω)	8Ω (minimum 3Ω)	8Ω (minimum 4.3Ω)
Dimensions	Height 985mm (38.8in) Width 198mm (7.8in) Depth 370mm (14.6in)	Height 910mm (35.8in) Width 198mm (7.8in) Depth 300mm (11.8in)	Height 340mm (13.4in) Width 198mm (7.8in) Depth 331mm (13in)	Height 265mm (10.5in) Width 170mm (6.7in) Depth 284mm (11.2in)	Height 198mm (7.8in) Width 545mm (21.5in) Depth 334mm (13.2in)	Height 170mm (6.7in) Width 438mm (17.3in) Depth 308mm (12.2in)
Weight	26kg (57.3lb)	334mm (13.2in)	7kg (15.4lb)	4.9kg (10.8lb)	15.4kg (34lb)	9.1kg (20.1lb)
Finishes	Black Ash Wengé Red Cherry Light Oak	Black Ash Wengé Red Cherry Light Oak	Black Ash Wengé Red Cherry Light Oak	Black Ash Wengé Red Cherry Light Oak	Black Ash Wengé Red Cherry Light Oak	Black Ash Wengé Red Cherry Light Oak



600 Series

	DS3	ASW 610XP	ASW 610	ASW 608
Description	2-way closed-box selectable dipole/monopole surround system	Active closed-box subwoofer system	Active closed-box subwoofer system	Active closed-box subwoofer system
Drive Units	1x ø25mm (1in) aluminium dome high-frequency 2x ø80mm (3in) midrange/high frequency 1x ø130mm (5in) woven Kevlar® cone bass/midrange	1x ø250mm (10in) paper/Kevlar® cone long-throw	1x ø250mm (10in) paper/Kevlar® cone long-throw	1x ø200mm (8in) paper/Kevlar® cone long-throw
Frequency Range (-6dB)	63Hz and 42kHz	18Hz and 25/140Hz adjustable (EQ at A)	20Hz and 25/140Hz adjustable (EQ at A)	23Hz and 25/140Hz adjustable (EQ at A)
Power handling	100W	500W (output)	200W (output)	200W (output)
Sensitivity	89dB spl (2.83V, 1m)	Height 325mm (12.8in) no feet Width 325mm (12.8in) Depth 375mm (14.8in) including grille and controls	Height 310mm (12.2in) no feet Width 310mm (12.2in) Depth 375mm (14.8in) including grille and controls	Height 260mm (10.2in) no feet Width 260mm (10.2in) Depth 330mm (13in) including grille and controls
Impedance	8Ω (minimum 3.3Ω)	Weight 15.5kg (34.4lb)	Weight 12.5kg (27.6lb)	Weight 8.85kg (19.5lb)
Dimensions	Height 249mm (9.8in) Width 387mm (15.3in) Depth 186mm (7.3in)	Finishes Black Ash Wengé Red Cherry Light Oak	Finishes Black Ash Wengé Red Cherry Light Oak	Finishes Black Ash Wengé Red Cherry Light Oak
Weight	5.2kg (11.5lb)			
Finishes	Black White			



Leisure Monitors

	VM6	VM1	LM1	FPM6	FPM5	FPM4	FPM2
Description	2-way vented-box system	2-way vented-box system	2-way vented-box system	2½-way vented-box system	2½-way vented-box system	2½-way vented-box system	2-way vented-box system
Drive Units	1x ø25mm (1in) aluminium dome high-frequency 1x ø130mm (5in) woven Kevlar® cone bass/midrange	1x ø25mm (1in) high-frequency 1x ø125mm (5in) cone bass/midrange	1x ø25mm (1in) high frequency 1x ø125mm (5in) bass/midrange	1x ø25mm (1in) aluminium dome high-frequency 2x ø130mm (5in) Kevlar® cone bass/midrange	1x ø25mm (1in) aluminium dome high-frequency 2x ø110mm (4in) Kevlar® cone bass/midrange	1x ø25mm (1in) aluminium dome high-frequency 2x ø110mm (4in) Kevlar® cone bass/midrange	1x ø25mm (1in) aluminium dome high-frequency 1x ø110mm (4in) Kevlar® cone bass/midrange
Frequency Range (-6dB)	49Hz and 50kHz	65Hz and 22kHz	65Hz and 22kHz	55Hz and 42kHz	62Hz and 42kHz	65Hz and 42kHz	65Hz and 40kHz
Power handling	100W	100W	100W	150W	120W	120W	100W
Sensitivity	86dB spl (2.83V, 1m)	91dB spl (2.83V, 1m)	91dB spl (2.83V, 1m)	88dB spl (2.83V, 1m)	88dB spl (2.83V, 1m)	88dB spl (2.83V, 1m)	86dB spl (2.83V, 1m)
Impedance	8Ω (minimum 4.9Ω)	8Ω	8Ω	8Ω (minimum 3.5Ω)	8Ω (minimum 4Ω)	8Ω (minimum 4Ω)	8Ω (minimum 4Ω)
Dimensions	Height 680mm (26in) Width 180mm (7in) Depth 105mm (4.1in)	Height 522mm (20.6in) Width 124mm (4.9in) Depth 93mm (3.7in)	Height 280mm (11in) Width 140mm (5.5in) Depth 191mm (7.5in)	Height 794mm (31.3in) Width 195mm (7.7in) Depth 111mm (4.4in) inc. wall plate	Height 665mm (26.2in) Width 170mm (6.7in) Depth 102mm (4in) inc. wall plate	Height 563mm (22.2in) Width 170mm (6.7in) Depth 102mm (4in) inc. wall plate	Height 259mm (10.2in) Width 170mm (6.7in) Depth 102mm (4in) inc. wall plate
Weight	4.1kg (9lb)	2.7kg (6lb)	2.4kg (5.3lb)	6.8kg (15lb)	5.5kg (12.1lb)	4.8kg (10.5lb)	2.7 kg (6lb)
Finishes	High gloss black	Black Silver White	Black Silver White	High gloss black Silver	High gloss black Silver	High gloss black Silver	High gloss black Silver



Subwoofers

	PV1	AS2	AS1
Description	Active closed-box subwoofer system	Active closed-box subwoofer system	Active vented-box subwoofer system
Drive Units	2x ø200mm (8in) mica/aluminium cone long-throw	1x ø250mm (10in) mica cone	1x ø165mm (6.5in) paper cone bass
Frequency Range (-6dB)	18Hz and 40/140kHz adjustable (EQ at I)	20Hz and 140Hz adjustable (EQ at I)	27Hz and 100Hz Music mode
Power handling	500W (output)	150W (output)	85W (output)
Dimensions	Height 335.5mm (13.2in) Width 289mm (11.4in) Depth 347mm (13.7in)	Height 325mm (12.8in) no feet Width 325mm (12.8in) Depth 393mm (15.5in) including grille and controls	Height 378mm (14.9in) Width 215mm (8.5in) Depth 385mm (15.2in)
Weight	20.5kg (45lb)	15.5kg (34lb)	11kg (24.2lb)
Finishes	Gloss black with anthracite trim, Gloss Silver with grey trim, Gloss White with chrome trim	Black Silver	Black Ash Silver



Weatherproof Monitors

	WM6	WM4	WM2
Description	2-way vented-box system	2-way vented-box system	2-way vented-box system
Drive Units	1x ø25mm (1in) Nautilus™ tube loaded metal dome high-frequency 1x ø160mm (6.5in) woven fibreglass cone bass/midrange	1x ø25mm (1in) Nautilus™ tube loaded metal dome high-frequency 1x ø130mm (5in) woven fibreglass cone bass/midrange	1x ø25mm (1in) high frequency 1x ø130mm (5in) woven fibreglass cone bass/midrange
Frequency Range (-6dB)	50Hz and 30kHz	60Hz and 30kHz	60Hz and 22kHz
Power handling	100W	90W	90W
Sensitivity	88dB spl (2.83V, 1m)	87dB spl (2.83V, 1m)	87dB spl (2.83V, 1m)
Impedance	8Ω (minimum 3Ω)	8Ω (minimum 3Ω)	8Ω (minimum 3Ω)
Dimensions	Height 300mm (11.8in) Width 210mm (8.3in) Depth 243mm (9.6in)	Height 230mm (9in) Width 162mm (6.4in) Depth 187mm (7.4in)	Height 230mm (9in) Width 162mm (6.4in) Depth 187mm (7.4in)
Weight	4kg (8.8lb)	3kg (6.6lb)	3kg (6.6lb)
Finishes	Black White	Black White	Black White



Custom Theatre 800 **Custom Theatre 800** **Custom Theatre 700**

	CT8 LR	CT8 CC	CT8 DS	CT8 SW
Description	3-way closed-box system	3-way closed-box system	3-way monopole/2-way dipole selectable closed-box surround system	Closed-box subwoofer
Drive Units	1x ø32mm (1¼in) aluminium dome high-frequency 1x ø150mm (6in) woven Kevlar® cone FST™ midrange 2x ø250mm (10in) carbon fibre/Rohacell® sandwich cone bass	1x ø32mm (1¼in) aluminium dome high-frequency 1x ø150mm (6in) woven Kevlar® cone FST™ midrange 2x ø250mm (10in) carbon fibre/Rohacell® sandwich cone bass	1x ø32mm (1¼in) aluminium dome high-frequency 6x ø100mm (4in) midrange/high-frequency 1x ø150mm (6in) woven Kevlar® cone FST™ midrange 2x ø250mm (10in) carbon fibre/Rohacell® sandwich cone bass	1x ø380mm (15in) carbon fibre/Rohacell® sandwich cone bass
Frequency Range (-6dB)	23Hz and 40kHz	23Hz and 40kHz	26Hz and 40kHz (monopole) 26Hz and 22kHz (dipole)	13Hz and 40Hz
Power handling	1000W	1000W	1000W	1000W
Sensitivity	93dB spl (2.83V, 1m)	93dB spl (2.83V, 1m)	93dB spl (2.83V, 1m)	90dB spl (2.83V, 1m)
Impedance	8Ω (minimum 4V)	8V (minimum 4V)	8V (minimum 4V)	8V (minimum 4V)
Dimensions	Height 1100mm (43.3in) Width 325mm (12.8in) Depth 550mm (21.65in)	1100mm (43.3in) 325mm (12.8in) 550mm (21.65in)	1100mm (43.3in) 325mm (12.8in) 250mm (9.85in)	475mm (18.7in) 475mm (18.7in) 475mm (18.7in)
Weight	85kg (187.4lb)	85kg (187.4lb)	75kg (165.3lb)	35kg (177lb)

	CT8 XO Mk2
Description	CT800 system active bass management controller
Functions	Bass/midrange crossover Subwoofer/bass crossover Low-frequency roll-off alignment High frequency roll-off alignment 3 adjustable low frequency parametric equalisers Subwoofer in/out Level adjustment for number of subwoofers 12V trigger switching for surround mode
Dimensions	Height 44.5mm (1.75in) 1U Width 483mm (19in) Depth 155mm (6.1in)
Weight	3kg (6.6lb)

	CT8.4 LCRS	CT8.2 LCR	CT7.3 LCRS	CT7.4 LCRS	CT7.5 LCRS
Description	3-way closed-box system	3-way open-box system	3-way vented-box system	2-way vented-box system	2-way vented-box system
Drive Units	1x ø32mm (1¼in) tube loaded aluminium dome high-frequency 1x ø150mm (6in) woven Kevlar® FST™ midrange 1x ø200mm (8in) carbon fibre/Rohacell® sandwich cone bass	1x ø32mm (1¼in) tube loaded aluminium dome high-frequency 1x ø150mm (6in) woven Kevlar® FST™ midrange 2x ø200mm (8in) Paper/Kevlar® cone bass	1x ø25mm (1in) cloth dome high-frequency 1x ø150mm (6in) woven blue Kevlar® FST™ mid-range 2x ø200mm (8in) Paper/Kevlar® bass units	1x ø25mm (1in) cloth dome high-frequency 2x ø165mm (6.5in) woven blue Kevlar® cone bass/midrange	1x ø25mm (1in) cloth dome high-frequency 1x ø180mm (7in) woven blue Kevlar® cone bass/midrange
Frequency Range (-6dB)	39Hz and 40kHz	31Hz and 45kHz	36Hz and 28kHz	43Hz and 28kHz	48Hz and 28kHz
Power handling	200W	500W	200W	150W	120W
Sensitivity	89dB spl (2.83V, 1m)	91dB spl (2.83V, 1m)	92dB spl (2.83V, 1m)	94dB spl (2.83V, 1m)	92dB spl (2.83V, 1m)
Impedance	8Ω (minimum 3.0Ω)	8Ω (minimum 3.0Ω)	8Ω (minimum 3.0Ω)	8Ω (minimum 4.0Ω)	8Ω (minimum 4.6Ω)
Dimensions	Height 630mm (24.8in) Width 325mm (12.8in) Depth 185mm (7.3in)	1000mm (39.4in) 325mm (12.8in) 300mm (11.8in)	360mm (14.2in) 606mm (23.9in) 288mm (11.3in)	343mm (13.5in) 444mm (17.5in) 288mm (11.3in)	305mm (12in) 444mm (17.5in) 288mm (11.3in)
Weight	19.9kg (43.9lb)	36.3kg (79.92lb)	22.5kg (49.6lb)	16.5kg (36.4lb)	11.5kg (25.4lb)



Custom Theatre Subwoofer **Amplifier**

	CT SW15	CT SW12	CT SW10
Description	passive closed box subwoofer used with SA1000	passive closed box subwoofer used with SA1000	passive closed box subwoofer used with SA1000
Drive Units	1 x ø380 mm (15in) paper/Kevlar® bass unit	1 x ø300mm (12in) paper/Kevlar® bass unit	1 x ø250mm (10in) Paper/Kevlar® bass unit
Frequency Range (-6dB)	16Hz and 25/140Hz	17Hz and 25/140Hz	18Hz and 25/140Hz
Power handling	1000W	1000W	1000W
Impedance	8V	8V	8Ω
Dimensions	Height 550 mm (21.7in) Width 550 mm (21.7in) Depth 260 mm (10.3in)	465mm (18.3in) 396mm (15.6in) 260mm (10.3in)	360mm (14.2in) 340mm (13.4in) 260mm (10.3in)
Weight	30kg (66.1lb)	25kg (55.1lb)	17kg (37.5lb)

	SA1000
Description	Dedicated 1000W amplifier for the CT SW Series
Functions	Rotary volume (line in) Rotary low-pass filter frequency (4th-order Linkwitz, 40Hz - 140Hz) Low-pass filter defeat 2-position switch Phase 0/180 2-position switch Bass extension 3-position switch Movie/music EQ 2 position switch On/auto/standby 3-position switch
Dimensions	Height 100mm (3.9in) [88.5mm (3.5in) plus feet] Width 430mm (16.9in) Depth 322mm (12.7in) Front panel Height 88.1mm (3.5in) 2U Weight 6.5kg (14.3lb)



Mini Theatre **Custom Series**

	M-1
Description	2-way vented-box system
Drive Units	1x ø25mm (1in) metal dome high-frequency 1x ø100mm (4in) woven glass fibre cone bass/midrange
Frequency Range (-6dB)	72Hz and 50kHz
Power handling	100W
Sensitivity	85dB spl (2.83V, 1m)
Impedance	8Ω (minimum 4.8Ω)
Dimensions	Height 243mm (9.6in) mounted on table stand Width 114mm (4.5in) mounted on table stand Depth 172mm (6.8in) mounted on table stand
Weight	2.7kg (6lb) including table stand
Finishes	High gloss black High gloss silver High gloss white

	ISW-4	SA 250
Description	In wall subwoofer system with external rack-mount amplifier	Dedicated 250W amplifier for the ISW-4
Drive Units	2x ø200mm (8in) paper/Kevlar® cone bass	Rotary low-pass filter frequency (4th-order Linkwitz, 40Hz-140Hz)
Frequency Range (-6dB)	17Hz and 290Hz	Low-pass filter defeat 2-posn switch
Power handling	250W	Phase 0/180 2-position switch Bass extension 3-position switch Movie/music EQ 2-position switch On/auto/standby 3-position switch
Dimensions	Frame height 524mm (20.6in) Frame width 294mm (11.6in) Cut-out height 485mm (19.1in) Cut-out width 255mm (10in) Depth behind surface 93mm (3.7in) Protrusion 21mm (0.8in) Weight 6.4 kg (14.1lb) Back box BB ISW-4(Mandatory)	Height 100mm (3.9in) [88.5mm (3.5in) plus feet] Width 430mm (16.9in) Depth 322mm (12.7in) Front panel Height 88.1mm (3.5in) 2U Weight 5.4kg (11.9lb)



Custom Series

	Signature 8NT	CWM 8180	CWM DS8	CWM LCR8	Signature 7NT	CWM LCR7	CWM800	CWM650	CWM500	CWM6260	CWM6160	CWM Cinema	CWM Cinema 6	CDS3	
Description	3-way in-wall system	3-way in-wall system	3-way dipole/2-way monopole in-wall system	2½-way in-wall speaker system	2-way in-wall system	3-way in-wall system	2-way in-wall system	2-way in-wall system	2-way in-wall system	2-way in-wall system	2-way in-wall system	2-way magnetically shielded in-wall system	2-way in-wall speaker system	2-way in-wall dipole/monopole surround system	
Drive Units	1x ø25mm (1in) Nautilus™ tube loaded aluminium dome high-frequency 1x ø130mm (5in) FST™ woven Kevlar® cone mid 2x ø180mm (7in) paper/ Kevlar® cone bass	1x ø25mm (1in) Nautilus™ tube loaded aluminium dome high-frequency 1x ø130mm (5in) Kevlar® cone FST™ midrange 1x ø200mm (8in) Rohacell® cone bass	3x ø25mm (1in) Nautilus™ tube loaded aluminium dome high-frequency 2x ø80mm (3in) Kevlar® cone midrange 1x ø180mm (7in) Kevlar® cone bass/midrange	1x ø25mm (1in) Nautilus™ tube-loaded aluminium dome high-frequency 2x ø130mm (5in) woven Kevlar® cone bass/midrange 2x ø130mm (5in) aluminium cone bass	1x ø25mm (1in) Nautilus™ tube loaded aluminium dome high-frequency 1x ø180mm (7in) Kevlar® cone bass/midrange	1x ø25mm (1in) Nautilus™ tube loaded aluminium dome high-frequency 3x ø100mm (4in) mica cone bass 1x ø100mm (4in) Kevlar® cone bass/midrange	1x ø25mm (1in) aluminium dome high-frequency 1x ø200mm (8in) Kevlar® cone bass/midrange	1x ø25mm (1in) aluminium dome high-frequency 1x ø165mm (6.5in) Kevlar® bass/midrange	1x ø25mm (1in) Ultra-12 tweeter 1x ø130mm (5in) Kevlar® cone bass/midrange	1x ø25mm (1in) Ultra-12 tweeter 1x ø165mm (6.5in) glassfibre cone bass/midrange	1x ø25mm (1in) Ultra-12 tweeter 1x ø165mm (6.5in) glassfibre cone bass/midrange	1x ø25mm (1in) Ultra-12 tweeter 2x ø130mm (5in) Kevlar® cone bass/midrange	1x ø25mm (1in) aluminium dome high-frequency 2x ø130mm (5in) Kevlar® cone bass/midrange	1x ø25mm (1in) tube-loaded softdome high-frequency 2x ø160mm (6in) woven glassfibre cone bass/midrange	1x ø25mm (1in) aluminium dome high-frequency 2x ø80mm (3in) paper cone midrange/ high frequency 1x ø130mm (5in) Kevlar® cone bass/midrange
Frequency Range (-6dB)	28Hz and 50kHz	35Hz and 50kHz	40Hz and 50kHz (monopole) 40Hz and 18kHz (dipole)	35Hz and 50kHz	35Hz and 50kHz	54Hz and 30kHz	35Hz and 30kHz	45Hz and 30kHz	50Hz and 22kHz	40Hz and 30kHz	40Hz and 22kHz	50Hz and 30kHz	50Hz and 30kHz	63Hz and 42kHz (monopole) or 15kHz (dipole)	
Maximum Amp Power	200W	150W	150W	150W	150W	150W	150W	130W	100W	130W	130W	150W	150W	100W	
Frame height	830mm (32.7in)	524mm (20.6in)	524mm (20.6in)	708mm (27.9in)	371mm (14.6in)	625mm (24.6in)	371mm (14.6in)	310mm (12.2in)	228mm (9in)	310mm (12.2in)	310mm (12.2in)	255mm (10.1in)	255mm (10.1in)	285mm (11.2in)	
Frame width	258mm (10.2in)	294mm (11.6in)	294mm (11.6in)	219mm (8.6in)	255mm (10in)	175mm (6.9in)	255mm (10in)	216mm (8.5in)	175mm (6.9in)	216mm (8.5in)	216mm (8.5in)	371mm (14.6in)	370mm (14.6in)	373mm (14.7in)	
Cut-out height	796mm (31.4in)	485mm (19.1in)	485mm (19.1in)	668mm (26.3in)	337mm (13.3in)	600mm (23.6in)	337mm (13.3in)	216mm (8.5in)	212mm (8.3in)	281mm (11.1in)	281mm (11.1in)	220mm (8.7in)	223mm (8.8in)	247mm (9.8in)	
Cut-out width	226mm (8.9in)	255mm (10in)	255mm (10in)	180mm (7.1in)	220mm (8.7in)	150mm (5.9in)	220mm (8.7in)	186mm (7.3in)	156mm (6.1in)	186mm (7.3in)	186mm (7.3in)	337mm (13.3in)	332mm (13in)	335mm (13.2in)	
Depth behind surface	99mm (3.9in)	92mm (3.6in)	87mm (3.4in)	89mm (3.5in)	98mm (3.8in)	97mm (3.8in)	95mm (3.7in)	85mm (3.3in)	85mm (3.3in)	93mm (3.7in)	89mm (3.5in)	85mm (3.4in)	90mm (3.6in)	71mm (2.8in)	
Protrusion	5mm (0.2in)	21mm (0.8in)	21mm (0.8in)	5mm (0.2in)	3mm (0.1in)	3.5mm (0.1in)	3mm (0.1in)	3mm (0.1in)	3mm (0.1in)	3mm (0.1in)	3mm (0.1in)	3mm (0.1in)	8mm (0.3in)	89.5mm (3.5in)	
Weight	10kg (22lb)	8.3kg (18.2lb)	5.7kg (12.5lb)	8.0kg (17.6lb)	3.0kg (6.6lb)	4.2kg (9.3lb)	2.9kg (6.3lb)	2.4kg (5.3lb)	1.4kg (3.1lb)	2.9kg (6.4lb)	1.6kg (3.5lb)	3.7kg (8.2lb)	2.9 kg (6.4lb)	3.9kg (8.6lb)	
Pre-mount Kit	PMK SIG 8NT	PMK DS8/8180	PMK DS8/8180	PMK LCR8	PMK W8	PMK LCR7	PMK W8	PMK W6	CWM500 PMK	PMK W6	PMK W6	PMK W8	PMK W8	PMK CDS6	
Back box	BB Signature 8NT	BB DS8/8180	BB DS8/8180	BB LCR8	BB W8	BB LCR7	BB W8	BB W6	n/a	BB W6	BB W6	BB W8	BB W8	n/a	



Custom Series

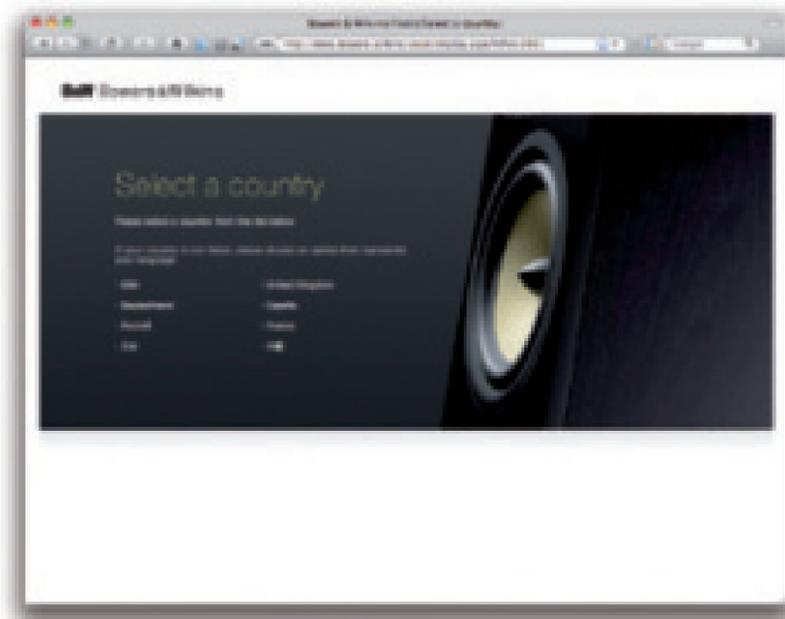
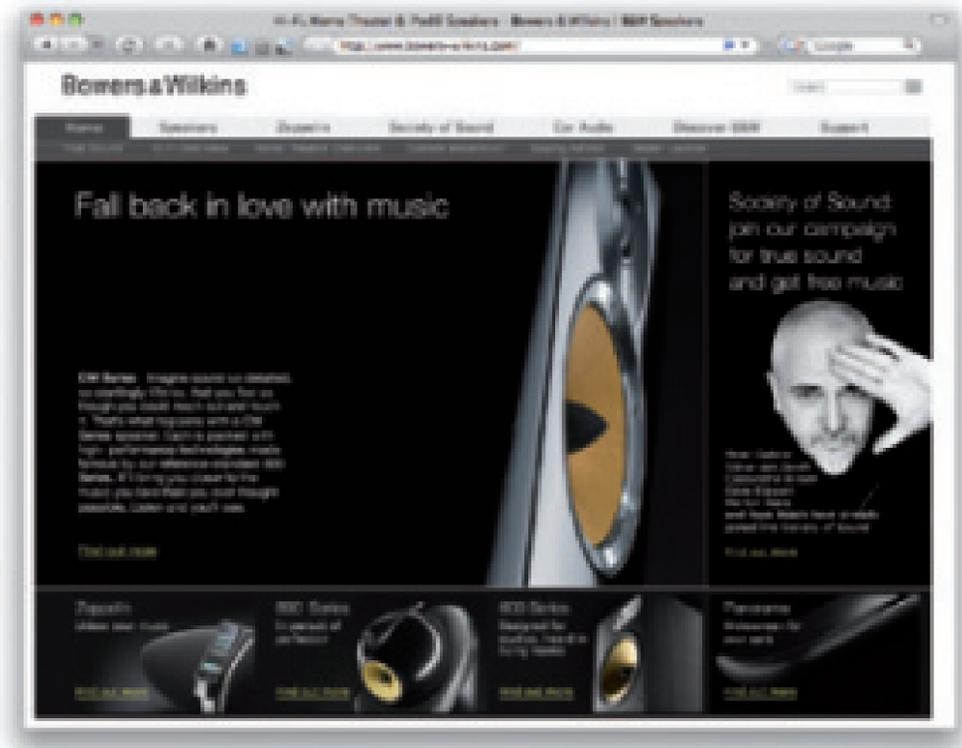
	CCM818	CCM817	CCM816	CCM80	CCM65	CCM50	CCM746S	CCM628	CCM618	CCM636	CCM626	CCM616	CCM646S
Description	2-way in-ceiling system	2-way in-ceiling system	2-way in-ceiling system	2-way in-ceiling system	2-way in-ceiling system	2-way in-ceiling system	2-way dual channel in-ceiling system	2-way in-ceiling system	2-way in-ceiling system	2-way in-ceiling system	2-way in-ceiling system	2-way in-ceiling system	2-way dual channel in-ceiling system
Drive Units	1x ø25mm (1in) Nautilus™ tube-loaded aluminium dome high-frequency 1x ø200mm (8in) woven Kevlar® cone bass/midrange	1x ø25mm (1in) Nautilus™ tube-loaded aluminium dome high-frequency 1x ø180mm (7in) Kevlar® cone bass/midrange	1x ø25mm (1in) Nautilus™ tube-loaded aluminium dome high-frequency 1x ø165mm (6.5in) woven blue Kevlar® cone bass/midrange	1x ø25mm (1in) aluminium dome, adjustable high-frequency angle 1x ø200mm (8in) Kevlar® cone bass/midrange	1x ø25mm (1in) aluminium dome, adjustable high-frequency angle 1x ø165mm (6.5in) Kevlar® cone bass/midrange	1x ø25mm (1in) Ultra 12 high-frequency 1x ø130mm (5in) Kevlar® cone bass/midrange	2x ø25mm (1in) aluminium dome high-frequency 1x ø165mm (6.5in) Kevlar® cone bass/midrange	1x ø25mm (1in) textile dome, adjustable high-frequency angle 1x ø200mm (8in) glassfibre cone bass/midrange	1x ø25mm (1in) Ultra 12, adjustable high-frequency angle 1x ø200mm (8in) glassfibre cone bass/midrange	1x ø25mm (1in) textile dome, adjustable high-frequency angle 1x ø165mm (6.5in) glassfibre cone bass/midrange	1x ø25mm (1in) Ultra 12, adjustable high-frequency angle 1x ø165mm (6.5in) glassfibre cone bass/midrange	1x ø25mm (1in) Ultra 12 high-frequency 1x ø165mm (6.5in) glassfibre cone bass/midrange	2x ø25mm (1in) Ultra 12 high-frequency 1x ø165mm (6.5in) glassfibre cone bass/midrange
Frequency Range (-6dB)	35Hz and 50kHz	35Hz and 50kHz	35Hz and 50kHz	35Hz and 30kHz	45Hz and 30kHz	50Hz and 22kHz	40Hz and 22kHz	35Hz and 30kHz	35Hz and 22kHz	40Hz and 30kHz	40Hz and 22kHz	40Hz and 22kHz	40Hz and 22kHz
Maximum Amp Power	150W	150W	150W	150W	130W	100W	130W	150W	150W	130W	130W	130W	130W
Frame diameter	280mm (11in)	271mm (10.7in)	271mm (10.7in)	280mm (11in)	232mm (9.1in)	201mm (7.9in)	232mm (9.1in)	280mm (11in)	280mm (11in)	232mm (9.1in)	232mm (9.1in)	232mm (9.1in)	232mm (9.1in)
Cut-out diameter	254mm (10in)	234mm (9.2in)	234mm (9.2in)	254mm (10in)	205mm (8.1in)	175mm (6.9in)	205mm (8.1in)	254mm (10in)	254mm (10in)	205mm (8.1in)	205mm (8.1in)	205mm (8.1in)	205mm (8.1in)
Depth behind surface	136mm (5.4in)	102mm (4in)	102mm (4in)	100mm (4in)	95mm (3.7in)	80mm (3.1in)	101mm (4in)	109mm (4.3in)	109mm (4.3in)	103mm (4.1in)	103mm (4.1in)	103mm (4.1in)	103mm (4.1in)
Protrusion	14mm (0.6in)	63mm (2.5in)	63mm (2.5in)	4mm (0.2in)	4mm (0.2in)	4mm (0.2in)	4mm (0.2in)	4mm (0.2in)	4mm (0.2in)	4mm (0.2in)	4mm (0.2in)	4mm (0.2in)	4mm (0.2in)
Weight	2.6kg (5.7lb)	2.6kg (5.7lb)	2.6kg (5.7lb)	2.2kg (4.8lb)	1.8kg (4.1lb)	1.5kg (3.4lb)	1.6kg (3.5lb)	1.7kg (3.8lb)	1.7kg (3.8lb)	1.5kg (3.3lb)	1.5kg (3.3lb)	1.4kg (3lb)	1.7kg (3.8lb)
Pre-mount kit	PMK C8	PMK 817	PMK C6	PMK C8	PMK C6	PMK CCM50	PMK C6	PMK C8	PMK C8	PMK C6	PMK C6	PMK C6	PMK C6
Back box	BB C8	BB 817	BB C6	BB C8	BB C6	n/a	BB C6	BB C8	BB C8	BB C6	BB C6	BB C6	BB C6



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