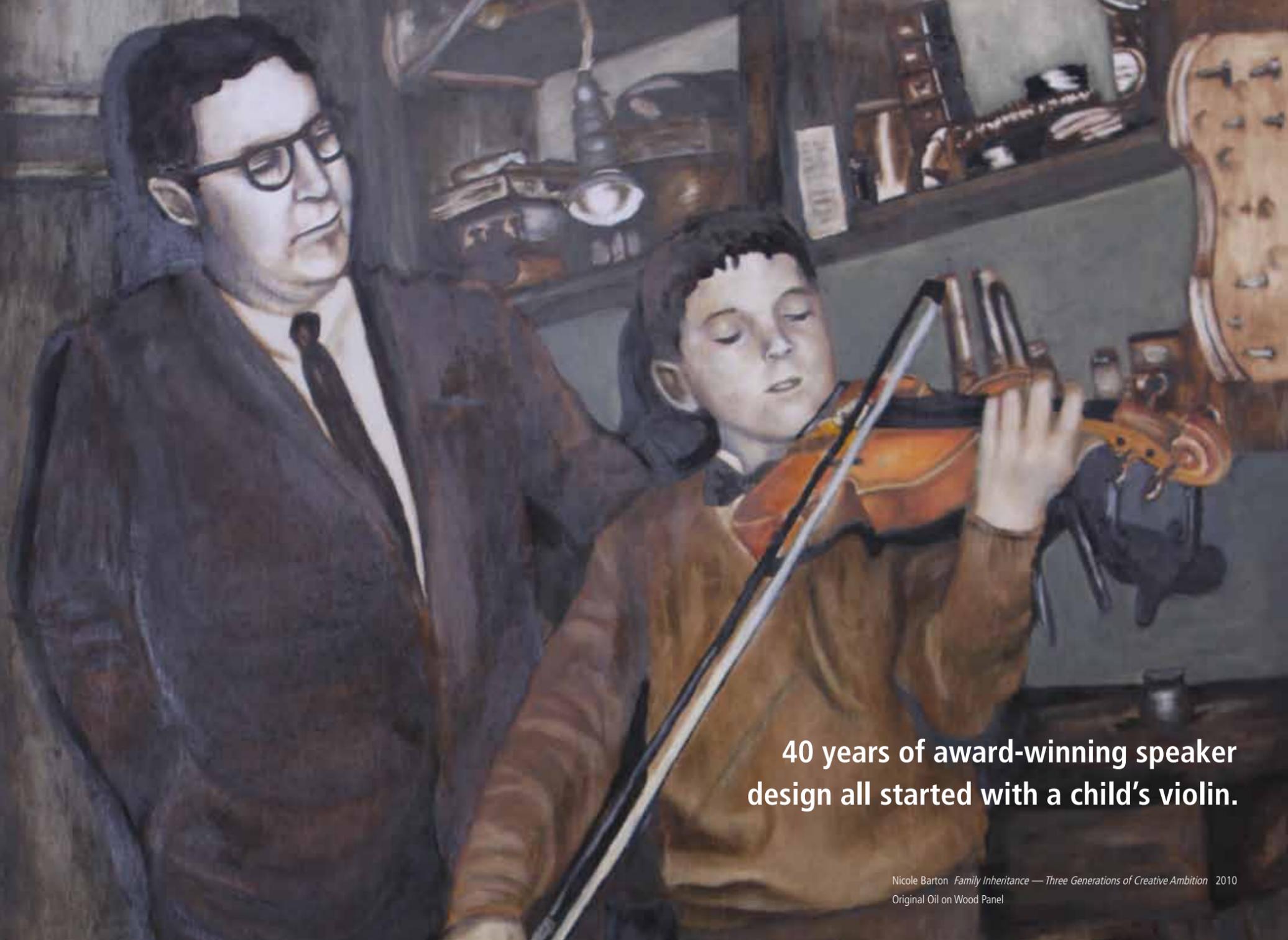




REAL SOUND for REAL PEOPLE



40 years of award-winning speaker design all started with a child's violin.

Nicole Barton *Family Inheritance — Three Generations of Creative Ambition* 2010
Original Oil on Wood Panel



“Paul Barton (PSB’s founder and chief designer) is a legend in the speaker business... this musician and engineer has dedicated his life to providing speaker purchasers with higher levels of sonic realism at lower prices. Barton is a frugal perfectionist, and his obsession with psychoacoustics is evident in all his designs.”

— Robert Reina, *Stereophile*

(Reprinted with permission from Vol.22 of *Stereophile*®)

Over 40 years ago in the same wood shop where his father spent two years handcrafting a violin for him to play, Paul Barton began building speakers. That was the beginning of a lifelong career, an incessant drive for perfection, and an unwavering standard for speaker design.

Since 1972, as Chief Designer of PSB Speakers, Paul has led our team of talented engineers in pursuit of creating world-class speakers and premium headphones with real-world value. That’s how it was in the beginning and that’s how it is today.

From the wood shop to the lab.

Critical to our success is our dedication to psychoacoustics research. Using one of the world’s most sophisticated acoustical laboratories at the scientific facilities of the National Research Council Canada (NRC), we have compiled an unmatched store of information on sound reproduction. We understand the critical interactions of loudspeakers, listeners, and room acoustics through a combination of pure research and scientifically controlled, double-blind listening studies.

Ours was the first speaker company to use the NRC for loudspeaker development back in 1974 and we remain the most active user of the facility today. How we interpret the data and provide more value is what sets us apart from others. Our development strategy allows us to focus on delivering real sound for real people.

www.psbSpeakers.com





Synchrony

Decades of experience, intense research, exhaustive development, and constant refinement of loudspeaker design, culminated in our flagship Synchrony Series. Combining musicality and technical excellence in a compact, small-footprint design and attractive sculptural finish, Synchrony meets our most meaningful test of a loudspeaker—true-to-nature musicality. Synchrony is rewriting the standard for loudspeakers, receiving international accolades for outstanding performance and value, even up against much more costly competitors.

Like the name suggests, each Synchrony speaker has a carefully matched timbre, so that any of the models may be combined to form a tonally cohesive system. Four models in the series covers a wide range of applications and all have been engineered, balanced, and voiced to produce consistent, accurate, transparent and dynamic sound reproduction throughout the family.

You'll love how Synchrony integrates with real-world audio and home theatre systems to improve performance. Stable, easy-to-drive loads over full high-power operating ranges, will get the most from your amplifier or A/V receiver. Yet Synchrony delivers even more than great sound with its polished styling and luxurious finish.



"A true pro. It quickly became apparent in the listening that the Synchrony One... because of neutrality and transparency — would cut it as a professional monitor."

— *Hi-Fi News*

Synchrony Technology Revealed



Synchrony One

A five-driver, five-way transitional array capable of delivering the most technically refined and demanding music and film recordings, with unmatched realism and tonal, spatial, and dynamic accuracy.



Synchrony One B

A sleek two-way design suited for use in a serious dedicated music system or in an A/V application with a high-performance subwoofer such as PSB's own SubSeries 500. Fully capable of outstanding music reproduction.



Synchrony One C

A large three-way centre speaker engineered from the ground up to maximize its performance in multi-channel systems, using the same drivers as the Synchrony One in a dual-woofer, horizontal layout.



Synchrony S

A dedicated tri-mode surround speaker comprising dual two-way arrays for side/rear-channels use in multi-channel installations and a broad range of wiring and placement options.



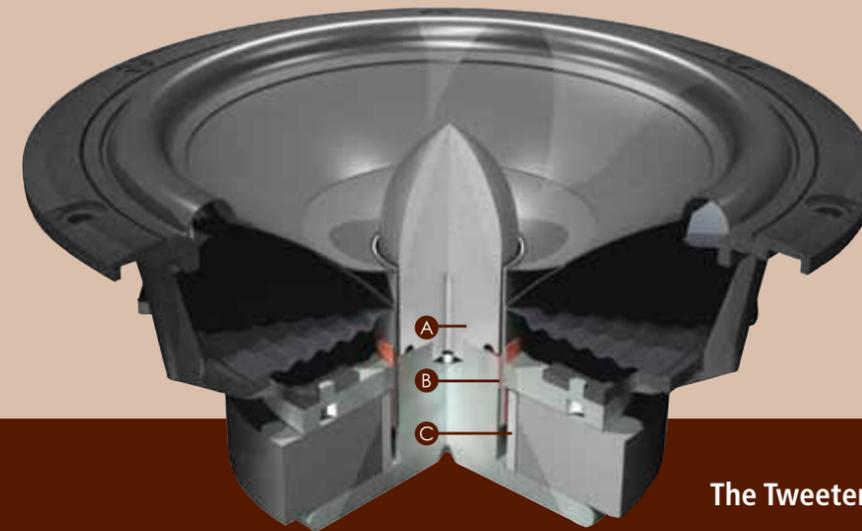
Available in Dark Cherry or Black Ash Wood Veneer.



The Woofer

The Synchrony woofers and midranges feature laminated cones that sandwich fine-weave fibreglass and compressed-felted fibres into a rigid, self-damping, low mass diaphragm for higher sensitivity and smoothness. Oversized voice coils, and distortion-stopping motor structures* preserve magnetic linearity at even extreme excursions for clarity, detail, and 'drive'. The cast aluminium Synchrony baskets are superbly rigid, aerodynamically 'open', and magnetically inert.

* **A** Aluminium Bullet **B** Copper Shorted Turn **C** Aluminium Focus Ring

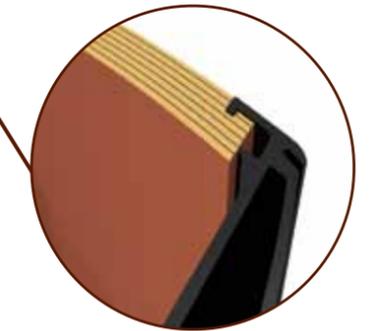


The Tweeter

The titanium Synchrony tweeter, an evolution of PSB Speakers' famous 25mm metal-dome design, is engineered to extend high-output, distortion-free response while banishing the dynamic compression that limits most designs.

The Cabinet Construction

Extruded aluminium front and back panels unite softly curved, seven-layered, hand-selected wood veneered sides into an unbelievably robust enclosure. The Synchrony towers use complex computer-optimized box tuning and crossover networks. Subdivided into three discrete chambers—one for each woofer—they harness the 'floor-bounce' that plagues other floor-standing speakers to extend and smooth the response.



Double-locking aluminium corners bind each enclosure and 'float' the perforated aluminium grille — a uniquely open pattern that's acoustically transparent.

It's good to share.

Like Synchrony, the SubSeries 500 has been designed to blend acoustically and aesthetically with the most demanding music and home theatre systems. In fact, our matching SubSeries 500 cabinet design freely borrows from Synchrony construction methods.



reddot design award
honourable mention 2009

Imagine

One look at our Imagine Series of speakers and it's hard not to fall in love. With sensual curves, sweeping lines, and five stunning finishes, Imagine redefines how a loudspeaker should look.

Imagine is more than just a pretty face. These loudspeakers stand up against much more expensive speakers, and have the reviews and awards to back them up. We took our hard-won knowledge and technical accomplishments from developing Synchrony to create the seven Imagine models, thereby setting the standard for high performance and value. It is what we do best—reproduce the most natural, dynamic, and accurate sound at the lowest possible cost.

All seven Imagine models share an innovative cabinet construction that provides seamless, solid, and acoustically inert enclosures, featuring individually cathedral-matched, hand-finished wood veneers or super high gloss finishes. Make no mistake—the Imagine Series may share Synchrony's engineering heritage, but it definitely has its own identity.



"They have a snap and attack that belies their cost... a more emotionally involving detail experience."

— Adam Rayner, *Home Cinema Choice*



Imagine T2

A five-driver, five-way transitional floor-standing design that will surely set a new standard for performance and style. Hidden beneath the sleek exterior is a robust cabinet sub-divided into three discrete chambers similar to our flagship Synchrony One, resulting in a smooth extended response.



Imagine mini

An amazingly small powerhouse two-way mini monitor perfect for a stylish home theatre or multi-channel system. The mini's Turbo-Magnet™ provides controlled and extended bass.

mini Stand

Matching speaker stands accentuate the mini's clean lines while hiding away unsightly wires.

mini Bracket

Custom wall mount bracket for the mini and the Imagine mini c with a fully flexible, multi-way swivel design.



Imagine mini c

The perfectly sized accompaniment to the Imagine mini for a deceptively powerful home theatre system, this dual-woofer centre channel offers striking musical performance.



Imagine T

A three-driver, two-and-a-half-way, full-range floor-standing design, destined to become the standard of value for those who want real-world sonic performance.



Imagine B

A compact two-way stand/bookshelf-mount ideally suited for front channels/stereo playback, these speakers deliver remarkable clarity, detail and bandwidth.



Imagine C

A dual-woofer, horizontal two-way centre-channel speaker that performs impressively well in a multi-channel environment, reproducing every last nuance of sound.



Imagine S

A dual-two-way, selectable dipole/bipole/dual-channel monopole surround loudspeaker, which may be connected as two discrete (side/rear) two-way pairs in compatible systems.



Available in Dark Cherry Wood Veneer, Black Ash Wood Veneer, Walnut Wood Veneer, Gloss Black, or Gloss White.*
*Some finishes may not be available in all countries.



Image

Our engineers have trickled top-level Synchrony and Imagine technology down to our more accessible and versatile Image Series. Rethinking Image across the board, we freshly designed the series to give it high-value features and advancements not usually found in such an affordable package.

The Image Series consists of eight models for a broad range of applications and budgetary options. All the models share our recent advancements, including long-excursion, high-output woofers that enable us to develop very capable compact designs. We borrowed the one-inch titanium dome tweeter from the Synchrony design to help extend output at both frequency extremes for effortless, smooth, uncoloured response. We also borrowed industrial design elements from our chic Imagine Series, achieving a softer silhouette with clean lines and no visual clutter.

Delivering great value with the best possible performance has always been a belief at PSB and our Image Series doesn't disappoint.



Image T6

A three-way dual-cavity, dual-ported design with 6.5-inch woofers and a dedicated 5.25-inch self-contained midrange driver similar in execution to our top-of-the-line Synchrony One.



Image T5

A slim dual-woofer, transitional two-and-a-half way design with identical 5.25-inch woofers and one-inch titanium tweeter that delivers refined sound with tonal, spatial and dynamic accuracy.



Image B4

A sub-compact, two-way system comprised of a four-inch woofer and one-inch titanium tweeter, intended for home theatre or multi-channel applications, ideal for today's modern urban dwellings.



Image C5

A two-way system in a dual-woofer horizontal format with a pair of 5.25-inch woofers, the C5 is engineered to maximize performance in multi-channel applications.



Image B6

A 6.5-inch woofer plus the one-inch tweeter design that is ideal for multi-channel, 2.1 subwoofer/satellite systems, or main-channel use in smaller rooms.



Image B5

An attractively compact design with a single 5.25-inch woofer and one-inch titanium tweeter that is an ideal option for smaller systems.



Image S5

A compact and versatile bipole surround that mates a pair of 5.25-inch woofers with two one-inch titanium tweeters, performs amazingly in any setup.



Image C4

A pair of four-inch woofers with one-inch titanium tweeter in this two-way horizontal format makes this centre channel easy to place near today's slimmest flat-screen TVs.



"The PSB Image B6 loudspeaker... Yep. It's the Honda Accord of bookshelf speakers... and performs at a level well beyond its price.

From Paul Barton, what else would you expect?"

— Robert Reina, *Stereophile*

Image Series HT2

We packaged a compact home theatre system that readily meets the demands of modern multi-channel set-ups at uncompromising value. Consists of two pairs of Image B4 speakers, an Image C4 centre channel, and SubSeries 1 subwoofer.



Alpha



Listeners and experts worldwide have continually hailed our Alpha Series as one of the best overall 'value for money' set of products in the history of audio. Today, our time-tested Alpha Series has become an incredibly high achieving, top selling, reasonably priced all-rounder.

Alpha offers a family of five models able to meet the needs of almost any system—from the simplest bookshelf setup to an entire multi-channel home theatre. Each Alpha model is tonally balanced, so you can mix and match the speakers for your desired combination of power, range, and size.

Alpha stands for value, but not at the expense of quality. Audiophile-grade terminals, proprietary driver design and subwoofer circuitry, and a host of mounting options are a few of the finer details you won't find in other value-oriented speakers. Our Alpha Series brings you high end sound quality, affordability and modern appeal.

"Considering its price, the PSB Alpha B1 is quite extraordinary in its way... audiophiles should buy them for their Bose-owning friends and family, to give those unfortunates more than a taste of what a true high-end loudspeaker is capable of."

— John Atkinson, *Stereophile*



Alpha T1

A space-saving tower with dual 5.25-inch woofer and .75-inch tweeter that performs skillfully on its own or combined with a PSB subwoofer for even greater power.



Alpha C1

A pair of 5.25-inch midrange drivers and single .75-inch aluminium dome tweeter combine in a rear-ported cabinet for solid, natural 'front-stage' sound, whether used with our Alpha B1s or T1s.



Alpha B1

Our multi award-winning 'best buy' with 5.25-inch woofer and single .75-inch tweeter, produces a remarkable musical range and dynamic impact on its own or with a PSB subwoofer, like our SubSeries 125.



Alpha LR1

A super compact true two-way design with a single 3.5-inch mid-woofer and .75-inch tweeter, that manages to deliver unwavering performance at odds with its diminutive size.



Alpha CLR1

An ultra-versatile small, dual-woofer design with a pair of 3.5-inch mid-woofers and .75-inch aluminium dome tweeter, equally suited for centre channel or left/right channel applications.



Available in Black Ash, Sienna, Dark Cherry or White.*
*Some finishes may not be available in all countries.



Alpha Series HT1

We make home theatre setup easy with this incredible system that doesn't compromise on sound. Consisting of two pairs of Alpha LR1 speakers, a CLR1 centre, and a SubSeries 125 subwoofer.



M4U Headphones

We're getting up close and personal with your hi-fi. We've taken our forty years of award-winning acoustic design and packed it into our exciting new Music for You (M4U) Series of high performance headphones. You're listening to music more than ever before, but now you can do it in comfort and style with PSB's true-to-nature sound quality. M4U Headphones bring you so close to the music thanks to our exclusive Room Feel™ technology. It's like the music is meant just for you.

Designed for people on the move, M4U Headphones are ready to pack up anywhere you want to go. Fold 'em up into the protective travel case and you'll never be far from true hi-fi listening. Those extra long listening sessions just got a whole lot more comfortable with soft two-way adjustable ear pads that are gyro-suspended for optimal ergonomics and a more customized fit.

We are excited to use our knowledge of accurate sound reproduction in the growing world of personal hi-fi. You'll love how these headphones just seem to "disappear", leaving only rich, detailed sounds.



M4U 2 Active Noise Cancelling Headphones

The M4U 2 model features three convenient listening modes: Active Noise Cancellation (ANC) with Room Feel™, Active Mode with Room Feel™, and Passive Mode (for use without batteries). You can listen all day and all night with a whopping 55-hour run time in ANC or Active modes. And when you're out of batteries, switch to Passive Mode without missing a beat.

Available in Black Diamond or Arctic White.



M4U 1 Over-Ear Headphones

For your at-home or on-the-go listening, these passive mode headphones are designed to give you the experience of Room Feel™ technology in an easy-to-use package. Just put them on and enjoy. No batteries or switches necessary—just pure simple sound. Like all PSB designs, the M4U 1 model emphasizes true-to-nature sound that doesn't take anything away from the musical performance.

Available in Baltic Grey or Monza Red.

M4U Room Feel™ Technology

Our exclusive Room Feel™ technology is the result of many years of research combined with our knowledge of recorded music, loudspeaker design, and listening. Room Feel makes music sound more natural, as if you're listening to music coming from high performance loudspeakers in a room, instead of on headphones. With rich musicality and accurate sound, M4U Headphones set a new standard for headphone listening.

SubSeries

Our PSB engineers place particular emphasis on the overall musicality of our subwoofers to add excitement to your music or home theatre experience. While most of our speakers produce substantial bass, by placing the deep bass system into its own enclosure we can tailor the necessary elements in an efficient package and utilize them for best performance.

To meet your needs, we offer a range of subwoofers for any size of space or system.



SubSeries 500

A match to our leading Synchrony Series, this dynamic award-winning powerhouse subwoofer will provide you with the flattest possible frequency response, full bass extension, low distortion and high output. Rated at 500 watts of continuous power and capable of over 1500 watt peaks.



SubSeries 300

Powered by an exclusive NAD amplifier, this dynamic performer integrates aesthetically with our Image Series but is also equally suited to Imagine or Alpha Series. This amp puts out 300 watts of continuous power with peaks of over 850 watts!



SubSeries 200

This energy efficient sub features a custom-designed NAD amplifier in a small-scale design. Capable of 200 watts of continuous power and dynamic peaks of 560 watts, this is one potent subwoofer!



SubSeries 125

An ideal match to our Alpha and Image Series speakers, this subwoofer delivers high-impact performance often associated with bigger and more expensive subwoofers.



SubSeries HD10

A space saving design for those who want deep, powerful, high impact performance, but don't want to give up a large area of their room to get it.



SubSeries HD8

A super compact performer that fits just about anywhere with sound and musicality almost matching that of its slightly bigger brother the HD10.



Custom Sound Universal/Outdoor Speakers

Sophisticated yet extremely rugged multi-purpose designs bring PSB's award-winning sound to any outdoor or commercial setting. Designed for open spaces, these 'go anywhere' speakers can be mounted vertically or horizontally on backyard decks, restaurant patios, fitness centres, hotels, or anyplace you want durability and ample sound.



CS1000

A two-way system with a 6.5-inch woofer, one-inch titanium dome tweeter, and front-facing port (includes rubber port plug) delivers a full range of music.



CS500

Slim and compact two-way sealed design with 5.25-inch woofer and one-inch titanium dome tweeter. This smaller outdoor speaker offers dynamic impact and remarkable sound.

M4U Headphones

	M4U 2 Headphone	M4U 1 Headphone
Frequency Response	10Hz 15Hz Within ±11/2dB	10Hz 15Hz 20-20,000Hz
Sensitivity	102dB	102dB
Power Handling	30mW	30mW
Impedance	32 Ohms 10k Ohms	32 Ohms —
Transducer	Dynamic Closed 40mm	Dynamic Closed 40mm
Ear Coupling	Circumaural	Circumaural
Connection	3.5mm (1/8") Stereo Jack (Left or Right)	3.5mm (1/8") Stereo Jack (Left or Right)
Construction	Polycarbonate ABC+Polycarbonate Earpads/Headpad Cover Leatherette EVA	Polycarbonate ABC+Polycarbonate Leatherette EVA
Size (W x H x D)	7 7/8 x 7 7/8 x 2 7/8" 200 x 200 x 70mm 2 3/4 x 3 7/8 x 3/4" 68 x 98 x 17mm	7 7/8 x 7 7/8 x 2 7/8" 200 x 200 x 70mm 2 3/4 x 3 7/8 x 3/4" 68 x 98 x 17mm
Weight	12.8oz (362g) with Batteries	12oz (340g)
Finish	Black Diamond or Arctic White	Baltic Grey or Monza Red
Battery Life	55 hours	—
Cables	Push Function/Monitor Cable or Monitor Cable 1.5m (59") Detachable Tangle-free	—
	Push Function Cable or Standard Cable —	1.5m (59") Detachable Tangle-free

All specifications are subject to change without notice.

CustomSound

	CS1000 Universal Loudspeaker	CS500 Universal Loudspeaker
Frequency Response	(Anechoic Chamber) On Axis @ 0°±3dB 45-23,000Hz 33-20,000Hz 59-20,000Hz Off Axis @ 0°±1 1/2dB 59-10,000Hz LF Cutoff -10dB 40Hz	63-23,000Hz 65-20,000Hz 65-20,000Hz 65-10,000Hz 50Hz
Sensitivity	(1W (2.83V) @ 1M, IEC-Filtered pink noise, C-weighted) Anechoic Chamber 86dB Listening Room 88dB	85dB 87dB
Impedance	Nominal 8 Ohms Minimum 6 Ohms	8 Ohms 6 Ohms
Input Power	(RMS, Clipping <10% Time) Recommended Program 20 - 150 Watts 150 Watts	20 - 120 Watts 120 Watts
Acoustic Design	Tweeter (Nominal) 1" (25mm) Titanium Dome with Ferrofluid Neodymium Magnet	1" (25mm) Titanium Dome with Ferrofluid Neodymium Magnet
	Midrange (Nominal)	
	Woofers (Nominal) 6 1/2" (165mm) Clay/Ceramic filled Polypropylene Cone Rubber Surround	5 1/4" (133mm) Clay/Ceramic filled Polypropylene Cone Rubber Surround
	Crossover 2,200Hz, LR4	1,800Hz, LR4
	Internal Volume 0.3 cu ft (8.5L)	0.2 cu ft (5L)
	Design Type Bass Reflex	Sealed
Size (W x H x D)	(Gross Dimensions) 9 1/4 x 12 1/4 x 11 3/4" 235 x 310 x 296mm	7 5/8 x 10 1/2 x 8" 192 x 266 x 203mm
Weight	Net 10lb (4.5kg)/each Shipping 24lb (11kg)/pair	5.7lb (2.59kg)/each 16.5lb (7.5kg)/pair
Finish	Black or White	Black or White

Synchrony Series

	Synchrony One Tower	Synchrony One B Bookshelf	Synchrony One C Centre Channel	Synchrony S Surround Speaker
Frequency Response	30-23,000Hz 47-20,000Hz 33-10,000Hz 24Hz	47-23,000Hz 47-20,000Hz 47-10,000Hz 38Hz	50-23,000Hz 50-20,000Hz 50-10,000Hz 40Hz	62-23,000Hz 65-20,000Hz 65-10,000Hz 55Hz
Sensitivity	88dB 90dB	86dB 88dB	88dB 90dB	86dB 88dB
	4 Ohms 4 Ohms	4 Ohms 4 Ohms	4 Ohms 4 Ohms	4 Ohms 4 Ohms
	20 - 300 Watts 300 Watts	15 - 150 Watts 150 Watts	15 - 200 Watts 200 Watts	15 - 150 Watts 150 Watts
Acoustic Design	1" (25mm) Titanium Dome with Ferrofluid Neodymium Magnet	1" (25mm) Titanium Dome with Ferrofluid Neodymium Magnet	1" (25mm) Titanium Dome with Ferrofluid Neodymium Magnet	2 x 1" (25mm) Titanium Dome with Ferrofluid Neodymium Magnet
	4" (102mm) Dual Layer Fine Weave Fibreglass Natural Fibre Cone Rubber Surround		4" (102mm) Dual Layer Fine Weave Fibreglass Natural Fibre Cone Rubber Surround	
	3 x 6 1/2" (165mm) Dual Layer Fine Weave Fibreglass Natural Fibre Cone Rubber Surround	6 1/2" (165mm) Dual Layer Fine Weave Fibreglass Natural Fibre Cone Rubber Surround	2 x 6 1/2" (165mm) Dual Layer Fine Weave Fibreglass Natural Fibre Cone Rubber Surround	2 x 5 1/4" (133mm) Dual Layer Fine Weave Fibreglass Natural Fibre Cone Rubber Surround
	2,200Hz, LR4, 500Hz	2,200Hz, LR4	2,200Hz, LR4	2,200Hz, LR4
	2.35 cu ft (67L)	0.75 cu ft (21L)	1.25 cu ft (35L)	0.8 cu ft (23L)
	Triple Port Bass Reflex	Bass Reflex	Bass Reflex	Sealed
Size (W x H x D)	(Gross Dimensions) 9 x 43 x 13" 228 x 1092 x 328mm	8 3/4 x 14 3/8 x 12 7/8" 220 x 364 x 326mm	24 1/4 x 8 3/4 x 12 7/8" 614 x 220 x 326mm	11 1/8 x 13 1/4 x 7 3/4" 280 x 334 x 196mm
Weight	61lb (27.7kg)/each 76.8lb (34.9kg)/each	22lb (10kg)/each 49.3lb (22.4kg)/pair	37lb (16.8kg)/each 43.5lb (19.8kg)/each	20lb (9.1kg)/each 45.7lb (20.8kg)/pair
Finish	Black Ash or Dark Cherry Wood Veneer	Black Ash or Dark Cherry Wood Veneer	Black Ash or Dark Cherry Wood Veneer	Black Ash or Dark Cherry Wood Veneer

Imagine Series

	Imagine T2 Tower	Imagine T Tower	Imagine B Bookshelf	Imagine mini Bookshelf	Imagine mini c Centre	Imagine C Centre	Imagine S Surround
Frequency Response	(Anechoic Chamber) On Axis @ 0°±3dB 34-23,000Hz On Axis @ 0°±1 1/2dB 42-20,000Hz Off Axis @ 30°±1 1/2dB 36-10,000Hz LF Cutoff -10dB 29Hz	38-23,000Hz 42-20,000Hz 42-10,000Hz 35Hz	52-23,000Hz 55-20,000Hz 55-10,000Hz 48Hz	55-23,000Hz 65-20,000Hz 65-10,000Hz 50Hz	55-23,000Hz 65-20,000Hz 65-10,000Hz 50Hz	52-23,000Hz 55-20,000Hz 55-10,000Hz 46Hz	65-23,000Hz 68-20,000Hz 68-10,000Hz 58Hz
Sensitivity	(1W (2.83V) @ 1M, IEC-Filtered pink noise, C-weighted) Anechoic Chamber 88dB Listening Room 90dB	88dB 90dB	87dB 89dB	85dB 87dB	86dB 88dB	87dB 89dB	87dB 89dB
Impedance	Nominal 8 Ohms Minimum 4 Ohms	8 Ohms 4 Ohms	8 Ohms 4 Ohms	8 Ohms 4 Ohms	8 Ohms 4 Ohms	8 Ohms 4 Ohms	8 Ohms 4 Ohms Bipole/Dipole
Input Power	(RMS, Clipping <10% Time) Recommended Program 20 - 300 Watts 300 Watts	20 - 200 Watts 200 Watts	20 - 150 Watts 150 Watts	10 - 80 Watts 60 Watts	10 - 80 Watts 60 Watts	20 - 150 Watts 150 Watts	20 - 150 Watts 150 Watts
Acoustic Design	Tweeter (Nominal) 1" (25mm) Titanium Dome with Ferrofluid Neodymium Magnet	1" (25mm) Titanium Dome with Ferrofluid Neodymium Magnet	1" (25mm) Titanium Dome with Ferrofluid Neodymium Magnet	1" (25mm) Titanium Dome with Ferrofluid Neodymium Magnet	1" (25mm) Titanium Dome with Ferrofluid Neodymium Magnet	1" (25mm) Titanium Dome with Ferrofluid Neodymium Magnet	2 x 1" (25mm) Titanium Dome with Ferrofluid Neodymium Magnet
	Midrange (Nominal) 4" (102mm) Clay/Ceramic filled Polypropylene Cone Rubber Surround		4" (102mm) Clay/Ceramic filled Polypropylene Cone Rubber Surround				
	Woofers (Nominal) 3 x 5 1/4" (133mm) Clay/Ceramic filled Polypropylene Cone Rubber Surround	2 x 5 1/4" (133mm) Clay/Ceramic filled Polypropylene Cone Rubber Surround	5 1/4" (133mm) Clay/Ceramic filled Polypropylene Cone Rubber Surround	4" (102mm) Clay/Ceramic filled Polypropylene Cone Rubber Surround	2 x 4" (102mm) Clay/Ceramic filled Polypropylene Cone Rubber Surround	2 x 5 1/4" (133mm) Clay/Ceramic filled Polypropylene Cone Rubber Surround	2 x 5 1/4" (133mm) Clay/Ceramic filled Polypropylene Cone Rubber Surround
	Crossover 500Hz, LR4, 1,800Hz, LR4	1,800Hz, LR4, 800Hz	1,800Hz, LR4	2,200Hz, LR4	2,200Hz, LR4	1,800Hz, LR4	2,000Hz, B3
	Internal Volume 1.12 cu ft (31.8L)	1.0 cu ft (29L)	0.27 cu ft (7.7L)	0.1 cu ft (2.8L)	0.21 cu ft (6.0L)	0.54 cu ft (15.4L)	0.22 cu ft (6.2L)
	Design Type Transitional 5-way Triple Port Bass Reflex	Dual Port Bass Reflex	Bass Reflex	Bass Reflex	Bass Reflex	Bass Reflex	Sealed
Size (W x H x D)	(Gross Dimensions) 8 3/8 x 40 5/8 x 13 5/8" 210 x 1031 x 346mm	8 3/8 x 37 1/4 x 13 5/8" 210 x 945 x 346mm	7 1/2 x 12 7/8 x 12 1/8" 190 x 324 x 305mm	5 3/4 x 9 1/4 x 8 3/8" 143 x 234 x 212mm	14 x 6 x 8 1/2" 353 x 152 x 213mm	20 5/8 x 7 1/2 x 13 5/8" 521 x 190 x 346mm	10 3/4 x 12 3/4 x 7 1/8" 273 x 321 x 178mm
Weight	Net 42.6lb (19.4kg)/each Shipping 59lb (26.8kg)/each	40.6lb (18.5kg)/each 47.8lb (21.7kg)/each	17.2lb (7.8kg)/each 38lb (17.3kg)/pair	6.5lb (3kg)/each 15.5lb (7kg)/pair	9.8lb (4.5kg)/each 12.3lb (5.6kg)/each	26.8lb (12.2kg)/each 30lb (13.6kg)/each	16.3lb (7.4kg)/each 37lb (16.8kg)/pair
Finish	Black Ash, Dark Cherry, Walnut Wood Veneer, Gloss Black or Gloss White*	Black Ash, Dark Cherry, Walnut Wood Veneer, Gloss Black or Gloss White*	Black Ash, Dark Cherry, Walnut Wood Veneer, Gloss Black or Gloss White*	Black Ash, Dark Cherry, Walnut Wood Veneer, Gloss Black or Gloss White*	Black Ash, Dark Cherry, Walnut Wood Veneer, Gloss Black or Gloss White*	Black Ash, Dark Cherry, Walnut Wood Veneer, Gloss Black or Gloss White*	Black Ash, Dark Cherry, Walnut Wood Veneer, Gloss Black or Gloss White*

All specifications are subject to change without notice.

*Some finishes may not be available in all countries.

Image Series

	Image T6 Tower	Image T5 Tower	Image B6 Bookshelf	Image B5 Bookshelf	Image B4 Compact Bookshelf/Surround	Image C5 Centre	Image C4 Centre	Image S5 Surround
Frequency Response <small>(Anechoic Chamber)</small>	On Axis @ 0°±3dB 45-20,000Hz Off Axis @ 30°±1 1/2dB LF Cutoff -10dB	35-23,000Hz 48-20,000Hz 48-10,000Hz 30Hz	45-23,000Hz 59-20,000Hz 59-10,000Hz 40Hz	50-23,000Hz 70-20,000Hz 70-10,000Hz 50Hz	60-23,000Hz 70-20,000Hz 70-10,000Hz 55Hz	50-23,000Hz 65-20,000Hz 65-10,000Hz 45Hz	60-23,000Hz 70-20,000Hz 70-10,000Hz 55Hz	68-23,000Hz 70-20,000Hz 70-10,000Hz 58Hz
Sensitivity <small>(1W (2.83V) @ 1M, IEC-Filtered pink noise, C-weighted)</small>	89dB 91dB	88dB 90dB	89dB 90dB	87dB 89dB	85dB 87dB	88dB 90dB	86dB 88dB	87dB 89dB
Impedance	Nominal Minimum	8 Ohms 4 Ohms	8 Ohms 4 Ohms	8 Ohms 4 Ohms	8 Ohms 4 Ohms	8 Ohms 4 Ohms	8 Ohms 4 Ohms	8 Ohms 4 Ohms
Input Power <small>(RMS, Clipping <10% Time)</small>	Recommended Program	20 - 200 Watts 200 Watts	20 - 200 Watts 200 Watts	20 - 150 Watts 150 Watts	20 - 150 Watts 150 Watts	10 - 80 Watts 60 Watts	20 - 150 Watts 150 Watts	20 - 150 Watts 150 Watts
Acoustic Design	Tweeter (Nominal)	1" (25mm) Titanium Dome with Ferrofluid Neodymium Magnet	1" (25mm) Titanium Dome with Ferrofluid Neodymium Magnet	1" (25mm) Titanium Dome with Ferrofluid Neodymium Magnet	1" (25mm) Titanium Dome with Ferrofluid Neodymium Magnet	1" (25mm) Titanium Dome with Ferrofluid Neodymium Magnet	1" (25mm) Titanium Dome with Ferrofluid Neodymium Magnet	2 x 1" (25mm) Titanium Dome with Ferrofluid Neodymium Magnet
Midrange (Nominal)	5 1/4" (133mm) Clay/Ceramic filled Polypropylene Cone Rubber Surround							
Woofer (Nominal)	2 x 6 1/2" (165mm) Clay/Ceramic filled Polypropylene Cone Rubber Surround	2 x 5 1/4" (133mm) Clay/Ceramic filled Polypropylene Cone Rubber Surround	6 1/2" (165mm) Clay/Ceramic filled Polypropylene Cone Rubber Surround	5 1/4" (133mm) Clay/Ceramic filled Polypropylene Cone Rubber Surround	4" (102mm) Clay/Ceramic filled Polypropylene Cone Rubber Surround	2 x 5 1/4" (133mm) Clay/Ceramic filled Polypropylene Cone Rubber Surround	2 x 4" (102mm) Clay/Ceramic filled Polypropylene Cone Rubber Surround	2 x 5 1/4" (133mm) Clay/Ceramic filled Polypropylene Cone Rubber Surround
Crossover	2,200Hz, LR4, 500Hz, B3	1,800Hz, LR4, 800Hz	1,800Hz, LR4	1,800Hz, LR4	2,200Hz, LR4	1,800Hz, LR4	2,200Hz, LR4	1,800Hz, LR4
Internal Volume	1.93 cu ft (54.7L)	1.42 cu ft (40.2L)	0.48 cu ft (13.6L)	0.32 cu ft (9.1L)	0.1 cu ft (2.8L)	0.58 cu ft (16.4L)	0.21 cu ft (6.0L)	0.23 cu ft (6.5L)
Design Type	Sealed Mid-Range Chamber Dual Port Bass Reflex	Bass Reflex	Bass Reflex	Bass Reflex	Bass Reflex	Bass Reflex	Bass Reflex	Sealed Bipole
Size (W x H x D) <small>(Gross Dimensions)</small>	9 1/8 x 40 5/8 x 15" 231 x 1031 x 380mm Spikes add 1" (25mm)	8 1/2 x 36 7/8 x 12 7/8" 214 x 936 x 325mm Spikes add 1" (25mm)	7 7/8 x 14 1/8 x 10 5/8" 198 x 357 x 268mm	7 1/8 x 12 5/8 x 9 5/8" 181 x 318 x 242mm	5 1/4 x 9 1/4 x 6 5/8" 133 x 232 x 168mm	19 1/2 x 7 1/8 x 10 1/2" 495 x 181 x 265mm	14 1/4 x 5 3/8 x 7 1/2" 362 x 134 x 190mm	12 x 11 3/4 x 7 1/8" 302 x 298 x 180mm
Weight	Net Shipping	48.5lb (22kg)/each 58.5lb (26.6kg)/each	36.6lb (16.6kg)/each 44.4lb (20.2kg)/each	14.2lb (6.5kg)/each 31.4lb (14.3kg)/pair	11.3lb (5.1kg)/each 25.6lb (11.6kg)/pair	5.8lb (2.6kg)/each 13.3lb (6kg)/pair	19.1lb (8.7kg)/each 21.7lb (9.9kg)/each	13.3lb (6kg)/each 31.2lb (14.2kg)/pair
Finish	Black Ash or Dark Cherry	Black Ash or Dark Cherry	Black Ash or Dark Cherry	Black Ash or Dark Cherry	Black Ash or Dark Cherry	Black Ash or Dark Cherry	Black Ash or Dark Cherry	Black Ash or Dark Cherry

All specifications are subject to change without notice.

Alpha Series

	Alpha T1 Tower	Alpha B1 Bookshelf	Alpha C1 Centre	Alpha CLR1 Centre/Bookshelf/Surround	Alpha LR1 Bookshelf/Surround
Frequency Response <small>(Anechoic Chamber)</small>	55-21,000Hz	65-21,000Hz	62-21,000Hz	90-21,000Hz	100-21,000Hz
Amplifier Power <small>(Internal Amplifier)</small>	55-10,000Hz 45Hz	65-10,000Hz 55Hz	62-10,000Hz 52Hz	90-10,000Hz 80Hz	100-10,000Hz 90Hz
	89dB 91dB	89dB 91dB	90dB 92dB	86dB 88dB	85dB 87dB
	8 Ohms 6 Ohms	8 Ohms 4 Ohms	8 Ohms 6 Ohms	8 Ohms 6 Ohms	8 Ohms 4 Ohms
	15 - 120 Watts 60 Watts	10 - 90 Watts 60 Watts	10 - 120 Watts 60 Watts	15 - 80 Watts 60 Watts	15 - 80 Watts 60 Watts
	3/4" (19mm) Aluminium Dome with Ferrofluid	3/4" (19mm) Aluminium Dome with Ferrofluid	3/4" (19mm) Aluminium Dome with Ferrofluid	3/4" (19mm) Aluminium Dome with Ferrofluid	3/4" (19mm) Aluminium Dome with Ferrofluid
	2 x 5 1/4" (133mm) Metalized Polypropylene Cone Rubber Surround	5 1/4" (133mm) Metalized Polypropylene Cone Rubber Surround	2 x 5 1/4" (133mm) Metalized Polypropylene Cone Rubber Surround	2 x 3 1/2" (90mm) Metalized Polypropylene Cone Rubber Surround	3 1/2" (90mm) Metalized Polypropylene Cone Rubber Surround
	3,000Hz, B3	3,000Hz, B3	3,000Hz, B3	3,000Hz, B3	3,000Hz, B3
	1.19 cu ft (33.4L)	0.29 cu ft (8.0L)	0.46 cu ft (12.8L)	0.1 cu ft (2.8L)	0.07 cu ft (2.0L)
	Bass Reflex Video Shielded	Bass Reflex Video Shielded	Bass Reflex Video Shielded	Sealed Video Shielded	Sealed Video Shielded
	7 1/8 x 35 3/4 x 12 1/4" 178 x 907 x 310mm	7 1/8 x 11 7/8 x 9 3/4" 178 x 299 x 247mm	17 7/8 x 7 1/8 x 9 3/4" 453 x 178 x 247mm	10 1/8 x 4 3/4 x 6 3/8" 257 x 118 x 162mm	4 3/4 x 7 1/4 x 6 3/8" 118 x 182 x 162mm
	29lb (13.2kg)/each 72.2lb (32.8kg)/pair	10.2lb (4.6kg)/each 22.4lb (10.2kg)/pair	15.9lb (7.2kg)/each 17.3lb (7.9kg)/each	5.9lb (2.7kg)/each 6.7lb (3kg)/each	4.1lb (1.9kg)/each 8.8lb (4.0kg)/pair
	Black Ash, Sienna, or Dark Cherry*	Black Ash, Sienna, or Dark Cherry*	Black Ash, Sienna, or Dark Cherry*	Black or White*	Black or White*

*Some finishes may not be available in all countries.

SubSeries

	SubSeries 500 Subwoofer	SubSeries 300 Subwoofer	SubSeries 200 Subwoofer	SubSeries 125 Subwoofer	HD10 Subwoofer	HD8 Subwoofer	
Frequency Response <small>(Anechoic Chamber)</small>	On Axis @ 0°±3dB LF Cutoff -10dB	25-150Hz 22Hz	27-150Hz 24Hz	28-150Hz 25Hz	35-150Hz 31Hz	30-150Hz 28Hz	
Amplifier Power <small>(Internal Amplifier)</small>	Continuous Dynamic Peak	500 Watts 750 Watts, 1500 Watts	300 Watts 425 Watts, 850 Watts	200 Watts 280 Watts, 560 Watts	125 Watts 160 Watts, 320 Watts	750 Watts 1000 Watts, 2000 Watts	
Acoustic Design	Woofer (Nominal)	12" (300mm) Woven Fibreglass Cone Rubber Surround 2" (50mm) Voice Coil 80oz (2268g) Magnet Cast Basket	12" (300mm) Polypropylene Cone Rubber Surround 2" (50mm) Voice Coil 50oz (1400g) Magnet	10" (250mm) Polypropylene Cone Rubber Surround 1 1/2" (38mm) Voice Coil 35oz (990g) Magnet	8" (203mm) Polypropylene Cone Rubber Surround 1 1/2" (38mm) Voice Coil 28oz (794g) Magnet +20oz (567g) SH Magnet	10" (250mm) Poly-coated Fibre Cone High Density Rubber Surround 2 x 10" (250mm) Passive Radiators 2 3/4" (70mm) Voice Coil 100oz (2835g) Magnet	8" (203mm) Poly-coated Fibre Cone High Density Rubber Surround 2 x 8" (203mm) Passive Radiators 2 3/4" (70mm) Voice Coil 80oz (2268g) Magnet
Crossover	Variable 50-150Hz, LR4 Low Pass Filter	Variable 50-150Hz, LR4 Low Pass Filter	Variable 50-150Hz, LR4 Low Pass Filter	Variable 50-150Hz, LR2 Low Pass Filter	Variable 50-150Hz, LR4 Low Pass Filter	Variable 50-150Hz, LR4 Low Pass Filter	
Design Type	Bass Reflex 2 x 2 3/4" (70mm) Down Firing Ports	Bass Reflex 3" (75mm) Down Firing Port	Bass Reflex 2 5/8" (67mm) Down Firing Port	Bass Reflex 1" x 8" (25mm x 203mm) Front Port, Video Shielded	Passive Radiator	Passive Radiator	
Size (W x H x D) <small>(Gross Dimensions)</small>	15 3/8 x 23 1/4 x 20 1/2" (392 x 589 x 522mm)	15 3/8 x 20 1/8 x 17 3/8" (390 x 510 x 441mm)	13 3/8 x 17 1/2 x 15 1/2" (338 x 443 x 391mm)	9 5/8 x 14 1/8 x 15 5/8" (244 x 359 x 396mm)	12 3/4 x 13 1/8 x 12 7/8" (321 x 332 x 326mm)	11 x 11 5/8 x 11 3/8" (279 x 294 x 287mm)	
Weight	Net Shipping	71.6lb (32.5kg)/each 82.6lb (37.5kg)/each	43lb (19.5kg)/each 50lb (22.7kg)/each	34lb (15.5kg)/each 39lb (18kg)/each	24lb (11kg)/each 29lb (13kg)/each	38lb (17.3kg)/each 45lb (20.5kg)/each	
Finish	Black Ash or Cherry Wood Veneer	Black Ash	Black Ash or Dark Cherry	Black Ash or Dark Cherry	Satin Black	Satin Black	
Features	Front mounted volume and crossover Continuous Variable Phase Control Auto on/off LFE input	Front mounted volume and crossover Phase switch Auto on/off LFE input <0.5W Standby Power	Front mounted volume and crossover Phase switch Auto on/off LFE input <0.5W Standby Power	Front mounted volume and crossover Phase switch Auto on/off LFE input <0.5W Standby Power	Rear mounted volume and crossover Continuous Variable Phase Control Auto on/off LFE input	Rear mounted volume and crossover Continuous Variable Phase Control Auto on/off LFE input	

*Please allow minimum 3" / 75mm for cord clearance. All specifications are subject to change without notice.

www.psbSpeakers.com

Non-metric measurements are approximate.

PSB Speakers will not assume any liability for errors in this brochure which may result in errors being made by retailers, custom installers, cabinet makers or other end users based on information contained in this document.

PSB Speakers reserves the right to change specifications or features without notice. ©2012 PSB Speakers, a division of Lenbrook Industries Limited. PSB is a registered trademark of Lenbrook Industries Limited. All rights reserved. No part of this publication may be reproduced, stored or transmitted in any form whatsoever without the written permission of PSB Speakers.

Printed April 2012 922 BROCH CLASSIC FULL LINE



www.psbSpeakers.com

40 YEARS. AND NOT ONE SHORTCUT.

There's just been plain hard work. Poor designs don't make great sounding speakers—dedicated people do. Our engineers take time with exacting research and development to produce high performance, award-winning loudspeakers at great value. By concentrating on smooth, accurate tonal balance, extended frequency and dynamic range, and true-to-life spatial imaging—our loudspeakers simply sound real.

We work hard to understand what real listeners want. Our speakers and headphones have earned rave reviews and a strong following of owners from around the world. From our flagship Synchrony Series to our new M4U Headphone Series, we have a range of high performance products to meet your every need.



“PSB always has and always will design loudspeakers that are true-to-nature. There is nothing added to what is in the music and there is nothing taken away that was intended in the music. And that's what a speaker should be – it should be a window to what you see or hear... We like to think that our speakers are true-to-nature. And that is the goal. That is the objective of PSB.”

— Paul Barton, Founder and Chief Designer