

# psb platinum series





# The Platinum Magic

*Do you remember the first time you felt the magic? The first time a truly amazing band induced uncontrollable, on-your-feet grinning? Can you recollect that first experience of the swelling power of a symphony orchestra in a great hall? Do you recall your first immersion into great filmmaking in a real cinema? The complete and utter suspension of reality, the total acceptance of place and time and sight and sound?*

We do. At PSB, we know that music and movies have uncanny abilities, powers that can transport the mind, even transform the soul. And if you truly love music and movies, you too understand that a genuinely great audio system can bring your home listening astonishingly close to these first wonders—closer than most people ever imagine. You comprehend the importance of sonic subtlety, as much as dynamic power. You appreciate the value of unyielding tonal accuracy and spatial realism. Because when a system is that good—when it is true to nature—it has the ability to transcend mere listening, carrying us right to the mystical edge of actually being there.

If you accept these truths, then you will fall head, heels, and ears in love with the Platinum Series of loudspeakers from PSB. These are the very best speakers we have ever made—among the very best anyone has made, at any price. Whether surrendering to great music or thrilling to an awesome movie soundtrack, the Platinum Series speakers bring you a level of pure enjoyment seldom experienced outside the live performance arena.



# The Platinum Passion

The PSB Platinum Series will change forever the world of high end audio. While there is no shortage of ultra-high-performance speakers in this world, the PSB Platinum Series is the first to join this group using an almost purely scientific, no-nonsense approach to design.

Over the past 30 years, PSB has established a reputation for delivering incredible sound quality for a remarkable price. Now, for the first time ever, we have created a series of speakers where cost was no object. Where compromise was never considered.

And while we did not compromise, neither did we spend for the sake of gimmickry, or for clever ad copy. Every decision was tempered by scientific analysis, measurement, and never-ending “double-blind” listening tests. The entire process was governed by our obsession that every penny spent must yield real, audible benefits.

The result is quite amazing. Sonically stunning. A joy to behold. An infinitely pleasurable listening experience. *And* the best value ever offered in ultra-high-performance loudspeakers.

▼ *Paul Barton, founder and chief designer, and the PSB team employ all the latest research tools: scanning laser vibrometry, finite-element analysis, and electro-acoustic computer-modeling, to name a few. However, more important is the unique body of knowledge PSB has amassed on sound reproduction and perception and their uncanny ability to consistently correlate this knowledge with listener preferences.*





# The Platinum Beauty

Even their appearance tells you that these are not ordinary loudspeakers. Unique, die-cast aluminum end structures, aluminum-clad front baffles, and rigid, locking aluminum corner-rails lend Platinum an understated yet commanding visual elegance. Far more importantly, these details secure enclosures rated among the most non-resonant, and thus among the most coloration-free, of any yet created. Hand-rubbed veneers in the finest grades of cherry or black ash, and obsessive attention to construction detail and finish ensure the Platinums looks as good as they sound.

But it is sonic achievement that, in the end, matters most. The PSB Platinums deliver a level of uncompromising performance previously unavailable to those with real-world budgets, even those with rather extravagant spending limits. Doing so, they raise the standards of musical accuracy and home-theater exhilaration to a new plane altogether, taking the listener to a place where the music becomes, simply, *music*. A place where a movie overtakes all the senses. A place where the entertainment *system* disappears altogether, leaving only the entertainment itself.

▼ *PSB Platinum Series speakers use nothing but premium-grade components, drivers, crossovers and cabinets. Each and every element of their construction is refined for lasting value and pure enjoyment. For example, Platinum speakers use 12-gauge oxygen-free internal wiring and five-way gold-plated binding posts to provide for ideal signal connection.*





# The Platinum Secrets

At PSB we are quick to use the finest materials and the latest technologies when they create demonstrably better sound. The Platinum Series incorporates every important technological advance that measurably improves a speaker's sound quality.

But high quality materials alone, do not make a great speaker. The vast experience of Paul Barton and the PSB Design Team, in combination with the unparalleled resources of Canada's famous National Research Council (NRC) facility, are the real secrets to Platinum's sound. Through countless hours of rigorous listening and measurement studies using the NRC's peerless resources, PSB has amassed what is perhaps the world's most extensive knowledge base regarding the critical interaction of loudspeaker, listener, and room acoustics.

This knowledge base, combined with a broad understanding of acoustics and electro-mechanical engineering, determine what makes a speaker truly "better": more accurate, more dynamic, more musical.

▼ *All PSB drivers are video-shielded allowing for speaker placement in close proximity to video displays. The Platinum's 1" Ferrofluid-cooled aluminium-dome tweeters are capable of frequency response up to 40 kHz, easily meeting the wider bandwidth demands of high-resolution material like SACD and DVD-Audio. The midrange drivers and woofers use woven-fiberglass cones and woofers employ 40-ounce magnet structures bringing all the passion of your favorite music and films home in all their glory.*





# Platinum Solutions

Creating a dedicated subwoofer qualified to complement the PSB Platinum Series was a true challenge. The SubSeries 10 produces ultra-deep bass of a quantity and quality that will positively amaze you. Its paired 12-inch drivers produce extraordinary output and extension, indeed beyond the limits of human perception. In some cases this is bass that you feel rather than hear.

The SubSeries 10 is powered by a “smart-supply” Class H amplifier design delivering no less than 500 watts, with an almost alarming 1500 watts of dynamic peak power reserves. PSB’s “smart bass” monitoring system ensures freedom from distortion, even at room-shaking levels.

**Simply brilliant.** The Tri-mode Surround Speaker Placement™ design allows the Platinum S2 to be used in either a bipole or dipole mode. In addition it can be wired for use in 6.1 and 7.1 surround systems so that the forward-facing drivers supply the side channel sound, while the rear facing drivers supply the rear-center surround channels. This allows for true 6.1 or 7.1 performance while using only five speakers.

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# CustomSound Solutions

Custom installation represents the premium approach to home entertainment, combining the level of performance you desire with interior design elements that complement your décor and lifestyle. Custom Installation offers greater options than ever before for how to incorporate sound into the home. At PSB our goal is to offer the best performance and value possible in systems for the three common placement options: in-wall, in-cabinet and in-room loudspeakers. Each presents its unique acoustic and aesthetic challenges that we have overcome. PSB's 30 years of speaker design experience, has given us the ability and knowledge base to effectively address these issues.

PSB has developed a range of Custom Hidden Solutions™ derived from the drivers designed for the PSB Platinum Series. These in-wall and in-cabinet loudspeakers may be integrated seamlessly with Platinum Series models in mixed systems, or deployed themselves in any combination to make your home entertainment dreams come true.



# Platinum Systems

► Imagine the most realistic sound system possible. A system capable of exacting detail as well as uninhibited dynamics. Sound so fundamentally great, it makes you want to stop work, race home...and just *listen*. That is our Platinum T8 Surround System – Platinum T8 three-way towers; the awesome C4 center speaker; the versatile S2 surround speakers and the earth-joltingly accurate SubSeries 10 powered subwoofer.



◀ Upon auditioning our Platinum T6 Surround System, most people would presume this was our “best of the best” combination. It maintains the same, incredible SubSeries 10 subwoofer and S2 surrounds as our T8 system. The T6 towers use the same design as the T8, but with slightly smaller midrange drivers and woofers. The C2 center speaker is a two-way dual-woofer system, perfectly timbre-matched to the sound of the T6s.

► If you are one of the many audiophiles who prefer the open sound of compact monitors, our M2 Surround System will bring you joy. It uses our C2 center speaker, S2 surrounds and SubSeries 10 subwoofer in combination with our stunningly musical M2 two-way monitor speakers. *The Absolute Sound* says, “The sonic strengths of the M2 fairly fly out of the blocks with an exciting ‘live’ feel.”



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# Platinum Partners

The PSB Platinum Series home entertainment systems provide levels of performance and customer satisfaction only dreamed of just a few years ago. The PSB Platinum Series will appeal to those for whom music and movies are well beyond mere pastime or hobby. They will appeal to those for whom these have become a passion that is central to life. The PSB Platinum Series will appeal to listeners who are prepared to judge for themselves. Listeners who will consider reputation, reviews, experience, and endorsements, but in the end will listen and compare using their own critical faculties. They will appeal to the sort of person who is thus difficult to sway by persuasion alone, but easy to convince with conclusive evidence.

To find that evidence, visit your local PSB Platinum dealer, and listen for yourself. Each PSB Platinum dealer is a specialist, providing you with exceptional customer service and a knowledgeable staff. We invite you to visit our web site at [www.psbSpeakers.com](http://www.psbSpeakers.com) to find your nearest PSB Platinum dealer.

*“High Performance & High Value...a pair of PSB Platinum T8s will rock you, whatever your tastes in music.”*

John Atkinson, *Stereophile* – vol. 26 no. 11

*“...the SubSeries 10 delivered low frequencies like a howitzer lobbing artillery shells across a battlefield.*

Neil Gader, *The Perfect Vision* – issue 52

*“The PSB Platinum M2 is like a versatile ball player—capable of handling every position on the audio playing field with grace and ease.”*

Neil Gader, *The Absolute Sound* – issue 145



## Finishes and Grilles



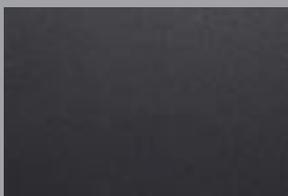
Cherry Woodgrain



Black Ash



Silver Grille



Black Grille



**psb**  
**SPEAKERS**

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## Technical Specifications

### Frequency Range (Anechoic Chamber)

#### Response

On Axis @ 0° ± 3dB	25-33,000Hz
On Axis @ 0° ± 1.5dB	30-20,000Hz
Off Axis @ 30° ±3dB	30-10,000Hz
LF Cutoff -10dB	22Hz

# T8

# T6

30-33,000Hz
35-20,000Hz
35-10,000Hz
26Hz

### Sensitivity (1W (2.83V) @ 1m, IEC-filtered Pink Noise, C-weighted)

Anechoic Chamber	88dB SPL	88dB SPL
Typical Listening Room	90dB SPL	90dB SPL

### Impedance

Nominal	4 Ohms	4 Ohms
Minimum	4 Ohms	4 Ohms

### Input Power (RMS, Clipping < 10% of the Time)

Recommended	20-300 Watts	20-300 Watts
Program	300 Watts	300 Watts

### Acoustic Design

Tweeter	Front & Rear 1" (25mm) Aluminum Dome with Ferrofluid	1" (25mm) Aluminum Dome with Ferrofluid
Midrange	2 x 4 1/2" (110mm) Woven Fiberglass Cone Damped Rubber Surround 3/4" (19mm) Voice Coil, 12oz (340g) Magnet	2 x 3 1/2" (90mm) Woven Fiberglass Cone Damped Rubber Surround 3/4" (19mm) Voice Coil, 10oz (280g) Magnet
Woofer	3 x 8" (200mm) Woven Fiberglass Cone Rubber Surround 1 1/2" (38mm) Voice Coil, 40oz (1,100g) Magnet	3 x 6 1/2" (165mm) Woven Fiberglass Cone Rubber Surround 1 1/4" (32mm) Voice Coil, 30oz (850g) Magnet
Crossover	2,200Hz, B3/300Hz, L4	2,200Hz, B3/300Hz, L4
Internal Volume	3.37 cu ft (95.4 liter)	3.37 cu ft (95.4 liter)
Design Type	Bass Reflex MTM Array Ext/Int Radiussed Video Shielded	Bass Reflex MTM Array Ext/Int Radiussed Video Shielded

### Size (W x H x D)

10 7/8 x 49 x 16 5/8"	9 3/8 x 45 x 13"
(277 x 1245 x 422mm)	(238 x 1143 x 330mm)

### Weight

Net	107 lbs. (48.54kg)each	64 lbs. (29kg)each
Shipping	128 lbs. (58.1kg)each	78 lbs. (35.38kg)each

### Finish (Real wood veneer with powder coat painted die-cast aluminium)

Black Ash or Cherry	Black Ash or Cherry
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### Optional Stand Dimensions (W x H x D)

# M2

50-33,000Hz  
55-20,000Hz  
55-10,000Hz  
35Hz

88dB  
90dB

4 Ohms  
4 Ohms

15-200 Watts  
100 Watts

1" (25mm)  
Aluminum Dome with Ferrofluid

6 1/2" (165mm)  
Woven Fiberglass Cone  
Rubber Surround  
1 1/4" (32mm) Voice Coil,  
30oz (850g) Magnet

2,200Hz, L4  
0.58 cu ft (16.4 liter)  
Bass Reflex

Ext/Int Radiussed  
Video Shielded

9 3/8 x 15 7/16 x 13"  
(238 x 392 x 330mm)

30 lbs. (13.6kg)each  
72 lbs. (32.66kg)pair

Black Ash or Cherry

10 3/4 x 24 3/8 x 16 7/8"  
(273 x 619 x 395mm)

# G4

50-33,000Hz  
55-20,000Hz  
55-10,000Hz  
40Hz

90dB  
92dB

4 Ohms  
4 Ohms

15-200 Watts  
150 Watts

1" (25mm)  
Aluminum Dome with Ferrofluid

2 x 3 1/2" (90mm)  
Woven Fiberglass Cone  
Rubber Surround  
3/4" (19mm) Voice Coil,  
10oz (280g) Magnet

2 x 6 1/2" (165mm)  
Woven Fiberglass Cone  
Rubber Surround  
1 1/4" (32mm) Voice Coil,  
30oz (850g) Magnet

2,200Hz, B3/300Hz, L4  
1.40 cu ft (39.6 liter)  
Bass Reflex  
MTM Array

Ext/Int Radiussed  
Video Shielded

33 x 9 3/8 x 13"  
(838 x 238 x 330mm)

50 lbs. (22.68kg)each  
64 lbs. (29kg)each

Black Ash or Cherry

21 3/4 x 15 9/16 x 13"  
(553 x 395 x 330mm)

# G2

55-33,000Hz  
60-20,000Hz  
60-10,000Hz  
45Hz

90dB  
92dB

4 Ohms  
4 Ohms

15-200 Watts  
150 Watts

1" (25mm)  
Aluminum Dome with Ferrofluid

2 x 6 1/2" (165mm)  
Woven Fiberglass Cone  
Rubber Surround  
1 1/4" (32mm) Voice Coil,  
30oz (850g) Magnet

2,200Hz, B3  
1.07 cu ft  
Bass Reflex

Ext/Int Radiussed  
Video Shielded

24 5/8 x 9 3/8 x 13"  
(626 x 238 x 330mm)

37 lbs. (16.78kg)each  
46 lbs. (20.87kg)each

Black Ash or Cherry

24 3/4 x 15 9/16 x 13"  
(553 x 395 x 330mm)

# S2

60-33,000Hz  
65-20,000Hz  
65-10,000Hz  
45Hz

90dB  
92dB

4 Ohms  
4 Ohms

15-200 Watts  
150 Watts

2 x 1" (25mm)  
Aluminum Dome with Ferrofluid

2 x 6 1/2" (165mm)  
Woven Fiberglass Cone  
Rubber Surround  
1 1/2" (38mm) Voice Coil,  
30oz (850g) Magnet

2,200Hz, B3  
0.48 cu ft (13.6 liter)  
Tri-Mode Surround Placement™  
(Bipole/Dipole/Dual Channel)

Video Shielded

15 1/8 x 15 3/4 x 9 5/8"  
(384 x 400 x 244mm)

31 lbs. (14.06kg)each  
78 lbs. (35.38kg)pair

Black or Silver Grilles

# SubSeries 10

27-150Hz

24Hz

(Internal Amplifier)  
500W Continuous, 750W Dynamic  
1500W Peak, Class H MOSFET

2 x 12" (300mm)  
Woven Fiberglass Cone  
Rubber Surround  
2" (50mm) Voice Coil  
40oz (1134g) Magnet

Variable 50-150Hz, LR4  
Bass Reflex  
Low Pass Filter  
24dB/octave Linkwitz-Riley  
Ext/Int Radiussed

15 3/8 x 24 1/4 x 24 13/16"  
(390 x 616 x 630mm)

110 lbs. (50kg)each  
129 lbs. (58.6kg)each

Black Ash or Cherry



