

**PSW SERIES SUBWOOFERS**

EXPLOSIVE PERFORMANCE FOR MOVIES OR MUSIC



**SERIES** | CATALOG

**polk**audio®

## THE EVOLUTION OF HIGH PERFORMANCE BASS

These three Powered Subwoofers deliver powerful, accurate and musical bass at shockingly low prices. Built for power and value, the models represent a continuing refinement of the highly regarded PSW Series and a great introduction to visceral home theater bass performance.

### PSW1000

- The PSW1000 creates superb detail and musicality for truly big, tight, emotionally satisfying bass you can really feel.
- High roll surrounds allow longer cone excursion for louder, gut-kicking bass. Both drivers feature vented, four-layer, long-winding-height voice coils, vented pole pieces, and
- Aluminum Formers, ensuring better heat dissipation and less heat build-up for a long life of big bass. Both of the PSW1000's
- 10" Dynamic Balance drivers are magnetically shielded, so you can locate PSW1000 near video equipment with no risk of video picture distortion.

- Dual 10" (25cm) Dynamic Balance drivers have nearly 40% more surface area than a single 12" driver and a much greater force to mass ratio.
- Two Bass Venting Technologies—Slot Load Vent and PowerPort® combine to virtually eliminate port turbulence and noise.
- BASH Amplifier combines the fidelity of conventional Class A/B amplifiers with the efficiency of Class D amplifiers. You get high power, cool, reliable operation with precise definition and low distortion.
- Multiple connection options, including filtered line ins & outs, speaker level ins & outs, adjustable-filtered Line In and unfiltered LFE give you unprecedented hookup flexibility and more control.
- Heavy duty MDF cabinet with 1 3/4" (4.5cm) side panels and rigid internal bracing control vibration for near-zero cabinet resonance.

DUAL 10" DRIVER POWERED SUBWOOFER, 400 WATTS CONTINUOUS AVERAGE OUTPUT  
 OVERALL DIMENSIONS:  
 16 3/4" H X 16 7/8" W X 19 3/8" D (42.55CM H X 42.86CM W X 49.21CM D )  
 OVERALL FREQUENCY RESPONSE: 20Hz - 160Hz

SEE SPECIFICATIONS FOR MORE DETAILED PRODUCT INFORMATION.



CHERRY



EBONY

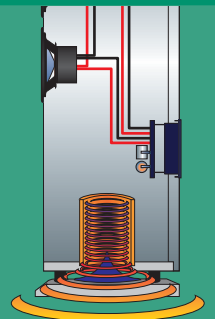


PSW1000

polk  
technology

### POWERPORT®

Polk Audio loudspeakers shatter the boundaries of bass response with patented PowerPort bass venting technology. Conventional ports have limitations: air turbulence at the mouth of the port can cause "port noise" and bass output losses of up to 3dB. (A loss of 3dB means that half of your amplifier power is being wasted on turbulence instead of bass!) The distinctive design of the Polk Audio PowerPort gradually slows air exiting the port, vastly reducing turbulence, port noise and energy loss. The result is bass that you will feel as well as hear; bass that reaches out, grabs you by the lapels and shakes you up—for a completely visceral and emotional movie and music experience. See more about PowerPort at [www.polkaudio.com/catalog/technology/](http://www.polkaudio.com/catalog/technology/).



**PSW125**

- 12" Dynamic Balance® composite woofer. Driver creates tight, musical bass.
- Downward firing port couples to the room for more bass impact.
- More powerful motor structure for a higher BL product, (the measure of the motive force applied to the cone) results in louder, deeper and punchier bass than previous Polk® woofers in this price category.
- Klippel Optimized Woofer—by using a state-of-the-art Klippel distortion analyzer, Polk engineers were able to optimize the woofer's motor structure, voice coil alignment and suspension for the best possible performance even at extreme listening levels.
- Compression circuitry limits distortion at earth-shaking volume levels.
- Built-in high current amplifier supplies all the good, clean power you need for big bass. The PSW125 features a Class A/B Amp.

12" DRIVER POWERED SUBWOOFER, 150 WATTS CONTINUOUS AVERAGE OUTPUT  
 OVERALL DIMENSIONS:  
 16 1/2" H X 16 1/4" W X 19 1/8" D (41.91CM H X 41.28 CM W X 48.57CM D)  
 OVERALL FREQUENCY RESPONSE: 60Hz - 110Hz

SEE SPECIFICATIONS FOR MORE DETAILED PRODUCT INFORMATION.



CHERRY      BLACK



PSW125

**PSW111**

- Measuring 12 1/8" H x 11" W x 13" D, the PSW111's unobtrusive size hides the fact that it pounds out really big bass.
- The perfect complement to Polk RM Series and SurroundBar® models.
- 8" Dynamic Balance composite woofer driver creates tight, musical bass.
- Downward firing port couples to the room for more bass impact. Powerful motor structure for a higher BL product, (the measure of the motive force applied to the cone) results in louder, deeper and punchier bass than previous Polk woofers in this price category.
- Klippel Optimized Woofer—by using a state-of-the-art Klippel distortion analyzer, Polk engineers were able to optimize the woofer's motor structure, voice coil alignment and suspension for the best possible performance even at extreme listening levels.
- Compression circuitry limits distortion at earth-shaking volume levels.
- Built-in high current amplifier supplies all the good, clean power you need for the bass volume and wide dynamic range necessary to recreate a lifelike experience in your home.

8" DRIVER POWERED SUBWOOFER, 150 WATTS CONTINUOUS AVERAGE OUTPUT  
 OVERALL DIMENSIONS:  
 12 1/8" H X 11" W X 13" D (30.79CM H X 27.94 CM W X 33.02CM D)  
 OVERALL FREQUENCY RESPONSE: 36Hz - 250Hz

SEE SPECIFICATIONS FOR MORE DETAILED PRODUCT INFORMATION.



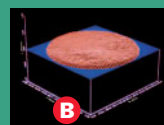
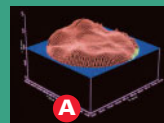
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PSW111

**DYNAMIC BALANCE®**

Advanced laser imaging technology allowed Polk Audio engineers to see the entire vibrating surface of a driver and tweeter; they could actually see the resonance develop on the speaker cones—resonance that is the root cause of loudspeaker distortion (A). Being able to see the resonance develop, they determined the "Dynamic Balance" of high-tech materials, geometry and construction that effectively tune out the offending resonance (B). Exclusive Dynamic Balance Composite Material Technology delivers sound that's effortlessly clean and clear, even at lifelike volume. See more about Dynamic Balance at [www.polkaudio.com/catalog/technology/](http://www.polkaudio.com/catalog/technology/).



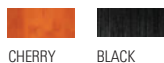
polk  
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**PSW110**

- 10" Dynamic Balance Composite Woofer Driver pounds out tight, musical bass.
- Downward firing port couples to the room for more bass impact.
- More powerful motor structure for a higher BL product, (the measure of the motive force applied to the cone) results in louder, deeper and punchier bass than previous Polk woofers in this price category.
- Klippel Optimized Woofer—by using a state-of-the-art Klippel distortion analyzer, Polk engineers were able to optimize the woofer's motor structure, voice coil alignment and suspension for the best possible performance even at extreme listening levels.
- Compression circuitry limits distortion at earth-shaking volume levels.
- Built-in high current amplifier supplies all the good, clean power you need for big bass.
- The PSW110 features a Class A/B amp.

10" DRIVER POWERED SUBWOOFER, 100 WATTS CONTINUOUS AVERAGE OUTPUT  
 OVERALL DIMENSIONS:  
 14 1/2" H X 14 1/4" W X 17" D (36.83CM H X 36.19 CM W X 43.18CM D)  
 OVERALL FREQUENCY RESPONSE: 32Hz - 250Hz

SEE SPECIFICATIONS FOR MORE DETAILED PRODUCT INFORMATION.



PSW110

**PSW10**

- For a small or mid-sized room, for musical depth or home theater effects, this little powerhouse is a classic Polk Audio value. With a clean, stylish look that complements the TS/ Series (but looks great with any combination of speakers), and a low distortion, long throw Dynamic Balance driver, the PSW10 is built for fast, accurate response with real bass impact and weight.
- Solidly built subwoofer enclosure with low cabinet resonance.
  - Multiple hook-up options make the PSW10 compatible with virtually any equipment.
  - High current built-in power amplifier with
  - Auto ON/OFF protection circuitry.
  - Take control and achieve better blending with a broad range of easily adjustable controls.

10" POWERED SUBWOOFER, 50 WATTS CONTINUOUS AVERAGE OUTPUT  
 OVERALL DIMENSIONS:  
 14 3/8" H X 14" W X 16 1/8" D (36.51CM H X 35.56CM W X 40.96CM D)  
 OVERALL FREQUENCY RESPONSE: 35Hz - 200Hz

SEE SPECIFICATIONS FOR MORE DETAILED PRODUCT INFORMATION.



PSW10

<b>POWERED SUBWOOFERS</b>	<b>PSW1000</b>	<b>PSW125†</b>	<b>PSW111†</b>
Driver Complement	2 - 10" (25cm) woofers	1 - 12" (30.5cm) Dynamic Balance composite cone	1 - 8" (20.32cm) Dynamic Balance composite cone
Port Type	slot loaded PowerPort	downward firing	downward firing
Frequency Response: Overall / -3dB Limits	20Hz - 160Hz / 30Hz - 125Hz	30Hz - 225Hz / 38Hz - 125Hz	36Hz - 250Hz / 42Hz - 180Hz
CEA 2010* Ultra Low / Low	n/a	90.5dB / 118dB	75.4dB / 115.5dB
Continuous Power (Average Output)	400 Watts with 2 Ohms	150 Watts	150 Watts
Dynamic Power	825 Watts	300 Watts	300 Watts
Crossover Frequency	adjustable 50Hz - 140Hz	60Hz - 110Hz	80Hz - 200Hz
Inputs	speaker, line level & LFE	speaker level, line level left and right & LFE (unfiltered)	speaker level, line level left and right & LFE (unfiltered)
Outputs	speaker level, pass through or 80Hz high pass filter (switchable). Line level, high pass filter fixed at 80Hz.	speaker level	speaker level
Magnetic Shielding	no	no	no
Available Finish	high gloss black, ebony or cherry side panels	black or cherry	black
Product Weight / Shipping Weight (+/- 3 lbs/kgs)	76 lbs each / 81 lbs each (34.47 kg each / 36.74 kg each)	40.1 lbs each / 44 lbs each (18.2kg each / 19.95kg each)	20.3 lbs each / 23lbs each (9.2kg each / 10.43kg each)
Dimensions	16 3/4" H x 16 7/8"W x 19 3/8"D 42.5cm H x 42.8cm W x 49.2cm D	16 1/2" H x 16 1/4" W x 19 1/8" D 41.91cm H x 41.27cm W x 48.58cm D	12 1/8" H x 11" W x 13" D 30.79cm H x 27.94 cm W x 33.02cm D

<b>POWERED SUBWOOFERS</b>	<b>PSW110†</b>	<b>PSW10</b>
Driver Complement	1 - 10" (25.4cm) Dynamic Balance Composite Cone	1 - 10" (25.4cm) Dynamic Balance Composite Cone
Port Type	downward firing	downward firing
Frequency Response: Overall / -3dB Limits	32Hz - 250Hz / 38Hz - 160Hz	32Hz - 200Hz / 40Hz - 160Hz
CEA 2010* Ultra Low / Low	8.7dB / 114.6dB	
Continuous Power (Average Output)	100 Watts	50 Watts
Dynamic Power	200 Watts	100 Watts
Crossover Frequency	60Hz - 160Hz	80Hz - 160Hz
Inputs	speaker level, line level & LFE (unfiltered)	speaker level, line level & LFE (unfiltered)
Outputs	speaker level	speaker level
Magnetic Shielding	no	no
Available Finish	black or cherry	black or cherry
Product Weight / Shipping Weight (+/- 3 lbs/kgs)	33.5 lbs each / 37 lb each (15.2kg each / 16.78kg each)	26 lbs each / 30 lbs each (11.79kg each / 13.61kg each)
Dimensions	14 1/2" H x 14 1/4" W x 17" D 36.83cm H x 36.19cm W x 43.18cm D	14 3/8" H x 14" W x 16 1/8" D 36.51cm H x 35.56cm W x 40.96cm D
Features	auto on/off	

† Also available in 220 VAC.

\* For an explanation of CEA 2010 go to [Http://www.polkaudio.com/partners/paper.php?id=12](http://www.polkaudio.com/partners/paper.php?id=12)

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Polk Audio is an award-winning designer and manufacturer of high performance audio products and the largest audio brand of Directed Electronics, Inc. (NASDAQ, DEIX). Founded in 1972 by three Johns Hopkins University graduates, Polk Audio holds over 50 patents for advances in audio design and technology. Polk's products include loudspeakers and electronic components for home, auto and marine applications, the first satellite radio home component tuner, the world's first audiophile-grade active IP-addressable loudspeaker, the first THX® Ultra2 Certified in-ceiling loudspeaker, and I-Sonic®—the first Entertainment System to include HD™ Radio, XM Connect & Play capability and a DVD player. Polk products are available through authorized specialist consumer electronics retailers worldwide. For more information and the location of a Polk retailer or distributor in your area, visit [www.polkaudio.com](http://www.polkaudio.com) or call us at 1-800-377-7655 (USA and Canada). Outside of North America call +1 (410) 358-3600.

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*We're fanatics when it comes to providing you useful, accurate information that can help you evaluate our products. But as we all know, we live in an imperfect world. At least some of us do. That's why performance specifications and product dimensions are subject to change without notice. For the most current specifications see our website, [www.polkaudio.com/home](http://www.polkaudio.com/home).*

*Polk Audio is a Directed Electronics company which trades on NASDAQ under the symbol DEIX. Investor information can be found at <http://investor.directed.com>.*

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