

# Powered subwoofers



*Real bass thunder, with the subtle detail and musicality you expect from Polk Audio, are hallmarks of the conveniently sized, solidly built Polk Subwoofers.*

*Furniture courtesy of SanusSystems®.*

**polk**audio  
the speaker specialists®

## LSiW

The most advanced Polk Audio Powered Subwoofer, specifically engineered to deliver bass with the accuracy and depth demanded by the performance of our top-of-the-line LSi Series. The LSiW features dual 10" long throw drivers mounted on massive 1"-thick MDF baffles in a beautifully sculpted cabinet of high gloss black and real wood veneer. Multiple input options and convenient front panel user controls allow extreme flexibility.

- Engineered for the ultimate musical bass response.
- Solid construction for near-zero cabinet resonance.
- Dual 10" Long Throw Drivers for longer excursion and better linearity and lower distortion.
- Dual bass venting technologies: Polk's patented Power Port combined with Slot Load Venting pumps out waves of thunderous, musical bass.
- Furniture grade, hand finished enclosure of dense, non-resonant heavy duty MDF with real wood veneer side panels; rigid 1 1/2"-thick front baffle.
- Magnetically shielded for safe placement near TVs and video monitors.

Powered Subwoofer, Dual 10" Drivers, 400W Continuous Average Output  
 16 3/4" H x 16 7/8" W x 19 3/8" D (42.55cm H x 42.86 cm W x 49.21cm D)  
 Overall Frequency Response 20Hz - 160Hz.

See specifications for more detailed product information.



LSi7 System

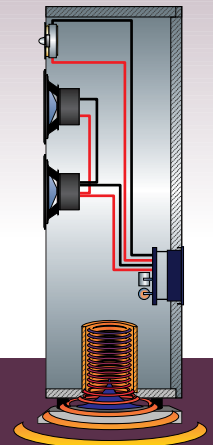


LSiW

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## power PORT

Polk Audio loudspeakers shatter the boundaries of bass response with patented Power Port 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 Power Port 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 Power Port at [www.polkaudio.com/catalog/technology/](http://www.polkaudio.com/catalog/technology/).



## PSW505

Have a big room? Have the need for BIG, lifelike bass impact? Then the PSW505 is the subwoofer for you. More than a mere brute, the PSW505 is equally at home reproducing the subtle nuances of a plucked string bass, or belting out a rocket's rumbling roar. Full-featured and over-powered, the magnetically shielded PSW505 will rock your world and tick off your neighbors.

- Rock-solid MDF construction (including a 1"-thick front baffle) suppresses enclosure resonance for distortion-free response.
- Big 12" Long Throw Driver & Hi-Roll Surround for longer excursion and better linearity.
- High current 300 Watt Continuous (460 Watt Dynamic) power amplifier with protection circuitry.
- Multiple inputs and a broad range of easily adjustable controls for perfect blending with any main speakers.
- Real wood veneer finish.
- Perfect match for RT<sup>i</sup> Series speakers.

12" Powered Subwoofer, 300 Watts Continuous Average Output  
16 1/8" H x 15 1/8" W x 18 3/16" D (40.96cm H x 38.42cm W x 46.20cm D)  
Overall Frequency Response 23Hz - 160Hz.

See specifications for more detailed product information.



Black



## 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/).



# Powered subwoofers

### PSW404

- Big bass for mid- to large-sized rooms.
- Braced MDF construction (including a 1"-thick baffle) suppresses resonance for low distortion.
- Big 10" Long Throw Driver & Hi-Roll Surround for long excursion and better linearity.
- High current 200W Continuous (375W Dynamic) power amplifier with protection circuitry.
- Slot Load Venting improves bass response.
- Real wood veneer finish.
- Magnetically shielded for safe placement near TVs and video monitors.
- Perfect match for RT7 Series speakers.

10" Powered Subwoofer, 200 Watts Continuous Average Output  
 14 5/16" H x 13 5/8" W x 16 1/2" D (36.35cm H x 34.61cm W x 41.91cm D)  
 Overall Frequency Response 25Hz - 200Hz.

See specifications for more detailed product information.



Black

### PSW303

- Conveniently sized bass for mid-sized rooms.
- 8" Long Throw Driver & Hi-Roll Surround.
- Adjustable lowpass crossover, phase switch and volume control, with Auto ON/OFF circuitry.
- Slot Load Vent efficiently reduces port noise.
- Magnetically shielded for safe placement near TVs and video monitors.
- Real wood veneer finish.
- Perfect match for RT7 Series speakers.

8" Powered Subwoofer, 100 Watts Continuous Average Output  
 12 7/16" H x 11 7/16" W x 16 1/2" D (31.59cm H x 29.05cm W x 41.91cm D)  
 Overall Frequency Response 28Hz - 200Hz.

See specifications for more detailed product information.



Black



PSW404

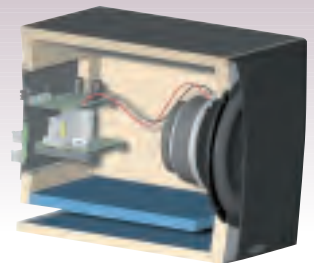


PSW303

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### slot loaded VENT

The wide, long Slot Loaded Vent in PSW Series Powered Subwoofers dramatically reduces bass turbulence, noise and distortion. This is because the cross-sectional area of the slot is larger than the largest possible round port that would fit into subs of this convenient size. The slot's solid upper wall helps reinforce the cabinet, making it less prone to energy-stealing resonance. This rigid, large-area vent promotes and concentrates smooth, less-turbulent air flow throughout the enclosure, pouring out a tidal wave of precise, thunderous bass. See more about Slot Load Venting at [www.polkaudio.com/catalog/technology/](http://www.polkaudio.com/catalog/technology/).



## PSW12

A big 12" low distortion Dynamic Balance driver means that this compact, stylish subwoofer is capable of pumping out a lot of deep, efficient, accurate bass in mid-sized to large rooms like yours. The PSW12 matches the look of the Monitor Series, but can be used in any combination of loudspeakers.

- Solidly built heavy-duty subwoofer enclosure with internal bracing ensures deep bass impact with low cabinet resonance.
- Front Firing Critically Tuned Flared Port for low frequency extension.
- High current 100W Continuous (260W Dynamic) power amplifier with "Smart Amp" Auto ON/OFF and protection circuitry.
- Unfiltered LFE Input for use with low-pass filtered subwoofer output jacks.
- Magnetically shielded to allow safe placement near TVs and video monitors.

12" Powered Subwoofer, 100 Watts Continuous Average Output  
16 3/8" H x 16" W x 17 5/8" D (41.59cm H x 40.64cm W x 44.77cm D)  
Overall Frequency Response 26Hz - 200Hz.

See specifications for more detailed product information.



## 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 Monitor 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. It's a great introduction to high performance bass effects.

- 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 and protection circuitry.
- Take control and achieve better blending with a broad range of easily adjustable controls.

10" Powered Subwoofer, 50 Watts Continuous Average Output  
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.



Both PSW12 and PSW10 subwoofers feature Titanium faces to match Monitor Series Speaker finishes.



# Powered subwoofers

# product specifications

Powered Subwoofers	LS7W*†	PSW505*†
Driver Complement	2 - 10" (25.40 cm) woofers	1 - 12" (30.48) woofer
Amplifier Cont. Average Power**	400 watts into 2 Ohms with <1% THD, 20 - 145Hz**	300 watts into 4 Ohms with <1% THD, 30 - 200Hz**
Subwoofer Amp Dynamic Power	825 watts	460 watts
Port Type	Slot Loaded Power Port	Rear Firing Slot Loaded
Frequency Response: Overall / -3dB Limits	20Hz - 160Hz / 30Hz - 125Hz	23Hz - 160Hz / 28Hz - 125Hz
Crossover Frequency	adjustable 50Hz - 140Hz	adjustable 60Hz - 125Hz
Inputs	speaker, line level & LFE	speaker, line level & LFE
Outputs	speaker & line level	speaker level
Available Finish	high gloss black, Ebony or Cherry side panels	real wood black veneer
Shipping Weight (+/- 3 lbs/kgs)	81 lbs/ea (36.7 kg)	48 lbs/ea (21.8 kg)
Dimensions (Including Grille, Heat Sink, Binding Posts)	16 3/4" H x 16 7/8" W x 19 3/8" D 42.55cm H x 42.86 cm W x 49.21cm D	16 1/8" H x 15 1/8" W x 18 3/16" D 40.96cm H x 38.42cm W x 46.20cm D
Features	Front Panel Level Control, Auto On/Off, Unfiltered LFE Input, Magnetic Shielding	Auto On/Off, Unfiltered LFE Input, Magnetic Shielding

Powered Subwoofers	PSW404*†	PSW303*†
Driver Complement	1 - 10" (25cm) woofer	1 - 8" (20.32cm) woofer
Amplifier Cont. Average Power**	200 watts into 4 Ohms with with <1% THD, 30 - 200Hz**	100 watts into 4 Ohms with <1% THD, 30 - 200Hz**
Subwoofer Amp Dynamic Power	375 watts	260 watts
Port Type	Rear Firing Slot Loaded	Rear Firing Slot Loaded
Frequency Response: Overall / -3dB Limits	25Hz - 200Hz / 32Hz - 160Hz	28Hz - 200Hz / 35Hz - 160Hz
Crossover Frequency	adjustable 60Hz - 160Hz	adjustable 60Hz - 160Hz
Inputs	speaker, line level & LFE	speaker, line level & LFE
Outputs	speaker level	speaker level
Available Finish	real wood black veneer	real wood black veneer
Shipping Weight (+/- 3 lbs/kgs)	50 lbs/ea (22.7 kg)	31 lbs/ea (14.06 kg)
Dimensions (Including Grille, Heat Sink, Binding Posts)	14 5/16" H x 13 5/8" W x 16 1/2" D 36.35cm H x 34.61cm W x 41.91cm D	12 7/16" H x 11 7/16" W x 16 1/2" D 31.59cm H x 29.05cm W x 41.91cm D
Features	Auto On/Off, Unfiltered LFE Input, Magnetic Shielding	Auto On/Off, Unfiltered LFE Input, Magnetic Shielding

\* Magnetically shielded components for safe placement near TVs or video monitors.

† Also available in 230 VAC.

#### \*\* About Power Ratings:

The Federal Trade Commission has issued new regulations regarding the power ratings of all amplifiers, including self-powered speakers. Polk Audio supports this effort to standardize power testing methods in order to provide consumers with a "level playing field" basis for comparison. Note, however, that the FTC rating is based on the "Continuous Power" output of the amplifier. Music and movies are rarely "continuous" but are mainly composed of short bursts of sound. For this reason we also supply a "Dynamic Power" rating that measures the ability of the amplifier to produce power in short bursts similar to those found in music and movies. In our experience, an amplifier with higher Dynamic Power output will play louder under most conditions regardless of the continuous power rating.

"Polk Audio," "The Speaker Specialists," "ARC Port," "Casket Basket," and "Dynamic Balance" are trademarks of Britannia Investment Corporation used under license by Polk Audio Inc.

Powered Subwoofers	PSW12*†	PSW10†
Driver Complement	1 - 12" (30.48 cm) woofer	1 - 10" (25.40 cm) woofer
Amplifier Cont. Average Power**	100 watts into 4 Ohms with with <1% THD, 30 - 200Hz**	50 watts into 4 Ohms with <1% THD, 30 - 200Hz**
Subwoofer Amp Dynamic Power	260 watts	100 watts
Port Type	Front panel flared port	Front panel flared port
Frequency Response: Overall / -3dB Limits	26Hz - 200Hz / 33Hz - 160Hz	35Hz - 200Hz / 40Hz - 160Hz
Crossover Frequency	adjustable 60Hz - 160Hz	adjustable 80Hz - 200Hz
Inputs	speaker, line level & LFE	speaker, line level
Outputs	speaker level	speaker level
Available Finish	black or cherry	black or cherry
Shipping Weight (+/- 3 lbs/kgs)	38 lbs/ea (22.7 kg)	30 lbs/ea (14.06 kg)
Dimensions	16 3/8" H x 16" W x 17 5/8" D	14 3/8" H x 14" W x 16 1/8" D
(Including Grille, Heat Sink, Binding Posts)	41.59cm H x 40.64cm W x 44.77cm D	36.51cm H x 35.56cm W x 40.96cm D
Features	Auto On/Off, Unfiltered LFE Input, Magnetic Shielding	Auto On/Off

# Powered subwoofers

Founded in 1972, Polk Audio is an internationally renowned designer and manufacturer of high quality, high performance home and car loudspeakers based in Baltimore, Maryland. Polk Audio loudspeakers benefit from over 55 patents for loudspeaker technology, and earn consistently great reviews in the worldwide audio press for sound quality and innovation. Polk products are distributed throughout the US and Canada and in over 50 international markets by authorized local importer-distributors. Contact Polk Audio at 800-377-7655 or via email: [polkcs@polkaudio.com](mailto:polkcs@polkaudio.com)



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For performance accessories and official Polk logowear, go to [shop.polkaudio.com/](http://shop.polkaudio.com/).

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