

SURROUNDBAR® SERIES LOUDSPEAKERS

SURROUND SOUND FROM A SINGLE SPEAKER



SERIES | CATALOG

polkaudio®

**SURROUNDBAR®360°
SENSATIONAL SURROUND SOUND,
STUNNING SIMPLICITY**

The SurroundBar®360° DVD Theater is a complete home entertainment system. It incorporates the enveloping sonic benefits of our Polk® SurroundBar Technology and our patented PowerPort® bass venting technology with the convenience of a control console that is a DVD/CD player, amplifier, and an AM/FM radio. The SurroundBar360°'s sleek, contemporary design and simple, single-cable speaker hookup makes it ideal for anyone who wants big, rich surround sound home entertainment without any of the hookup hassles of multiple speakers and wires.

- Surround sound from a single speaker, which means no rear speakers, no rear wires.
- Built-in subwoofer bass performance and patented PowerPort® eliminates the need for a separate subwoofer.
- No boundary requirements. Works in any room.
- No complicated set-up. Out of the box the SurroundBar360° DVD Theater is playing music and movies in minutes.
- Polk Digital Logic guarantees highest level of performance, easy setup and no calibration.
- Fully featured console with AM/FM tuner and inputs for cable and satellite TV, games and MP3 players.
- Built-in high performance DVD player for your DVDs, CDs and MP3s.

- 15' cable for the absolute easiest hookup.
- No more tangled wires to string around a room.
- Easy to install on a wall, thanks to built-in key hole slots.
- Two sets of Cradle Mounts, high and low, give you more on-shelf positioning options.
- Gloss black cabinet matches all TVs.
- Magnetically shielded, of course, for safe placement on or near TVs.
- Remote control for complete control of all sources at your fingertips.

SPEAKER DIMENSIONS:
4 1/8" H X 44 1/2" W X 4 7/8" D (10.47CM H X 113.03CM W X 12.38CM D)
CONSOLE DIMENSIONS:
3 3/16" H X 16 1/2" W X 11 1/2" D (8.1CM H X 41.91CM W X 29.21CM D)
OVERALL FREQUENCY RESPONSE: Hz - kHz.

SEE SPECIFICATIONS FOR MORE DETAILED PRODUCT INFORMATION.



REMOTE CONTROL

HDMI

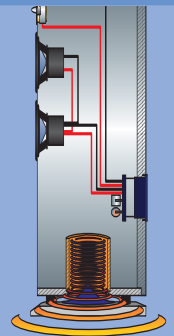


SURROUNDBAR360° DVD THEATER



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/.



SURROUNDBAR360° SDA SURROUND DIGITAL TECHNOLOGY

A tremendous evolution on the original SDA Surround Technology, Polk SurroundBar Technology brings surround sound-without the surround speakers into the next century. Featured only in the exclusive SurroundBar 360° DVD Theater, Polk Audio's legendary SDA speaker systems revolutionized speaker technology in the mid 1980's and 1990's and are still prized today by audio enthusiasts for their huge, totally enveloping sound stage far beyond the capability of conventional speakers. Original SDA is analog while SDA Surround Digital uses the tremendous processing capability of digital microchips to process the audio, a far more powerful tool than the passive components of original SDA Technology.

A PATENTED TECHNOLOGICAL BREAKTHROUGH

Polk Audio's psychoacoustic research and technology have produced a system capable of delivering a 360° degree surround sound experience that stands above the rest. Unlike competing products that attempt to eliminate the need for rear channel speakers, the SurroundBar 360° DVD Theater is the only multi-channel single-speaker surround system that works in any room with easy setup, while eliminating the need for a subwoofer.

The enveloping sound from SDA Surround Digital is so realistic in some cases it's better than using 5 or more speakers!

PICTURE/DISPLAY

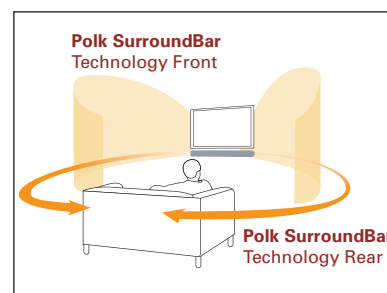
- 1080i HDMI1 with high definition video up-conversion from any video input.
- Faroudja DCDi2—480p, 720p, 1080i Up-converts any input to HD quality

CONNECTIVITY SIDE CONNECTIONS:

- S-Video Input
- Composite Video Input
- Audio L/R Inputs
- USB Port
- Headphone Output

REAR CONNECTIONS:

- FM Antenna and AM Antenna
- Coaxial Digital Input
- Optical Digital Inputs
- Audio L/R Inputs
- Cable/Satellite, AUX1, TV, Record Outputs
- AUX 1 Video Inputs (Cable/Satellite: Composite and S-Video; AUX1: Composite and S-Video)
- Video Outputs: Composite, S-Video and Component, HDMI Output, Subwoofer Output, Speaker Cable Output



SURROUND DIGITAL TECHNOLOGY



FEED FORWARD DISTORTION SUPPRESSION TECHNOLOGY

This technology maximizes acoustic output as it reduces audible distortion. Feed Forward is a zero latency system that maximizes dynamic output of the subwoofer system, without relying on slow responding feedback techniques or broad band dynamic compression, which squeeze the life out of the low end. What you hear is quick, precise bass output with minimal audible distortion, even at ground shaking volume levels.

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SURROUNDBAR®50

The perfect complement to flat and shallow screen technologies, the Polk Audio SurroundBar50 delivers breathtaking all-enveloping sonic performance without the need for rear speakers. The SurroundBar50's unobtrusive design and color-coded hookup configuration makes it a welcome addition for anyone who wants the thrilling benefits of surround sound and none of the hassles. More than a cosmetic evolution, the SurroundBar50 also a sonic evolution, with greater max SPL, front and rear SDA speakers and better overall performance from all musical sources. And while the SurroundBar50's delivers enough bass for your listening pleasure, many people will add a subwoofer to create a sound system that produces truly compelling sonic performance.

OVERALL DIMENSIONS:

51" L X 4 1/2" H X 5 1/10" D (129.54CM L X 11.43CM H X 12.95CM D)

OVERALL FREQUENCY RESPONSE 60Hz - 23kHz.

SEE SPECIFICATIONS FOR MORE DETAILED PRODUCT INFORMATION.



BLACK



TITANIUM

- Polk Audio's patented SDA Surround Technology, applied to both front and rear channels for a more enveloping sound, delivers a vivid sound field from a single, 51" cabinet; no rear speakers are required.
- Dual front ports for superior clean, low distortion bass.
- Simplified color-coded hookup with all 5 channels going directly from your home theater receiver to the SurroundBar50.
- 15 feet 10-conductor cable is color-coded and clearly marked for easy hookup. No more tangled wires to string around a room.
- Easy to install on a wall thanks to a simple wall-mount bracket.
- Dual cradle mounts, high and low, give you more on-shelf positioning options, including in front of today's flat-panel TVs.
- Wall bracket (included)
- Nine 3 1/2" Dynamic Balance drivers and three 3/4" Dynamic Balance dome tweeters deliver clear, natural mid-range, high frequencies and lifelike imaging.
- Aluminum extruded enclosure eliminates cabinet resonance.
- Anti-diffraction grille and bezel helps create open, spacious imaging.
- Magnetically shielded, of course, for safe placement on or near TVs.

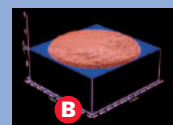
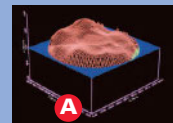


SURROUNDBAR50

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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 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/education/technology/php.



SURROUNDBAR®

Polk's patented SDA® Surround Technology means you won't need to install rear speakers. What you hear is a completely immersive sound experience, as if there are multiple speakers all around you. The sleek, unobtrusive design is a welcome addition for anyone who wants all the thrills of surround sound...but none of the hassles. The Polk Audio SurroundBar will complete your high definition TV experience. It's the perfect match for flat-panel and shallow screen TVs. And it works with any surround sound receiver.

The technology behind the SurroundBar is based on Polk's legendary SDA SRT Systems, which one reviewer called "The Ultimate Loudspeaker." SDA Surround Technology makes the speakers disappear by cancelling the acoustic position location information. That information is then replaced by the correct surround sound information of the original recording just as if sounds were actually coming from all around you. Whether it's music or movies you're assured of a great surround sound experience.

OVERALL DIMENSIONS:

42 5/8" L X 4 1/2" H X 5 1/8" D (108.2CM L X 11.18CM H 12.95CM D)

OVERALL FREQUENCY RESPONSE: 80Hz - 23kHz

SEE SPECIFICATIONS FOR MORE DETAILED PRODUCT INFORMATION.



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TITANIUM

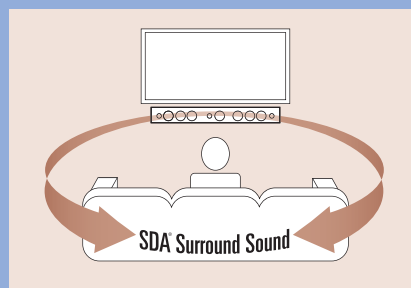
- Polk Audio's patented SDA Surround Technology delivers an immersive surround sound field from a single, 43" enclosure. No rear speakers are required.
- SDA Surround works equally well with all surround sound formats including multi-channel music.
- The SurroundBar works in any room—SDA Surround is not dependent on your room's walls to produce the surround effect.
- Works with any surround sound receiver. All five channels connect directly to the SurroundBar.
- Included 25 feet 10-conductor cable is color-coded and clearly marked for easy hookup.
- No more tangled wires to string around a room.
- Easy installation thanks to a simple-to-install wall-mount bracket (included).
- A separate cradle mount for placement on top of a TV or on a shelf (included).
- Seven 3 1/2" Dynamic Balance® drivers and three 3/4" Dynamic Balance dome tweeters deliver outstanding performance for music listening and movies.
- Aluminum extruded enclosure reduces cabinet resonance for distortion-free sound.
- Magnetically shielded, of course, for safe placement on or near TVs.



SURROUNDBAR

SDA® SURROUND

Polk's patented SDA® Surround technology puts you in the center of the action. Our revolutionary system literally uses the space between your ears to create your own 5-channel surround sound environment from a single front speaker. See more about SDA Surround at www.polkaudio.com/education/technology.php.



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SURROUNDBAR SERIES LOUDSPEAKERS | PRODUCT SPECIFICATIONS

SURROUNDBAR LOUDSPEAKERS AND SYSTEMS	SURROUNDBAR360°	SURROUNDBAR50	SURROUNDBAR
Driver Complement	8 - 2 1/2" full range drivers	9 - 3 1/2" mid-bass drivers, 3 - 3/4" Silk Dome Tweeters	7 - 3 1/2" mid-bass drivers, 3 - 3/4" silk dome tweeters
Overall Frequency Response		80 Hz - 23 kHz	100Hz - 23kHz
Sensitivity (1w/1m)		90dB	89dB
Nominal Impedence		8 Ohms	8 Ohms
Recommended Amplification		20 - 150 Watts / channel	20 - 125 Watts / channel
Bass Technology	PowerPort with Feed Forward	dual front ports	acoustic suspension
Finish	black	satin black with gloss trim or titanium	black or titanium
Product Weight / Shipping Weight	12 lbs / 27 lbs 5.44 kgs / 12.25 kgs	15 lbs / 21 lbs 6.8 kgs / 9.5 kgs	25 lbs / 27 lbs 11.34 kgs / 12.25 kgs
Console Weight	15 lbs (6.8 kgs)		
Speaker Dimensions	4 1/4" H x 45 1/2" W x 4 3/4" D 10.8cm H x 115.57cm W x 12.06 cm D	4 1/2" H x 51" W x 5 1/10" D 11.43cm H x 129.54cm W x 12.95 cm D	4 7/16" H x 42 5/8" W x 5 1/8" D 11.27cm H x 108.27cm W x 13 cm D
Console Dimensions	3 1/4" H x 16 1/2" W x 11 1/2" H 8.25cm H x 41.91cm W x 29.21cm D	n/a	n/a

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.

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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