polk

RESERVE™

TOWER SPEAKERS

Flagship-quality sound, elegant and refined looks, true value

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R500 COMPACT FLOORSTANDING SPEAKER

Slim and powerful, fits into any décor

The R500 slim and elegant floorstanding tower delivers impactful sound in a compact design that fits beautifully into any décor.

SPECIFICATIONS	
Transducer	1" Ring Radiator Two 5 ¼" Turbine Cone
Minimum Impedance	3.9Ω
Sensitivity	87dB
Designed for R900	Yes
Frequency Response	49Hz - 36kHz
Dimensions and Weight	(W)255.4mm x (H)1044.5mm x (D)348.8mm (W)10.1" x (H)41.1" x (D)13.7" 39lbs/17.7kg

Consumer Benefits

Amazing Sound and Elegance
With a slim and elegant design, the Reserve line has a minimal elegance that will fit into any décor. Inheriting Polk's flagship transducer array, the R500 produces exceptional sound that rivals competitor speakers that sell for twice the price. Hi-Res certified, the Reserve R500, is designed for today's two-channel music listening as well as multi-channel 3D audio found in movies, sports, and video game soundtracks.

Polk Newly Patented X-Port
Polk's newly patented X-Port incorporates an Eigentone Filter (ETF) offering distortion-free, effortless bass. Consisting of a set of closed-pipe absorbers that are specifically tuned to catch and eliminate traditional speaker distortions. X-Port ensures that the upper bass and mid-range are free of port and cabinet resonances for smooth, detailed audio.

High Definition Pinnacle Ring Radiator Tweeter
Over 40 years of tweeter innovation, design and prototyping has led to the development of the new 1" high definition Pinnacle ring radiator tweeter. Developed by Polk Audio, it delivers ultra-clear, crisp highs without unwanted coloration or distortions. The Pinnacle tweeter features a finely tuned waveguide that dramatically improves the dispersion of high frequency energy ensuring a broad "sweet spot" while the critically damped rear-chamber helps defeat any unwanted resonances.

Dual 5.25" Turbine Cones
Polk developed the Turbine cone specifically for our flagship products to ensure the natural reproduction of the mid-range, to which human ears are particularly sensitive. These Turbine cones combine Polk's proprietary foam core and molded Turbine geometry which dramatically increases stiffness and damping, without adding mass. You will hear every detail and experience a smooth, detailed mid-range and effortless bass.

Features

- **Pinnacle Tweeter: The new ring radiator tweeter design dramatically improves dispersion while delivering clear, crisp and natural highs**
- **Dual Turbine Cones: Deliver smooth and incredibly detailed mid-range imaging**
- **Polk Patented X-Port: closed-pipe absorbers that are specifically tuned to catch and eliminate traditional speaker distortions**
- **Anti-diffraction Magnetic Grilles: Acoustically inert grilles offer a clean aesthetic without sacrificing sound**
- **Versatile Feet: Depending on your room, use carpet-friendly feet with built-in spikes or rubber boots to maximize stability on hard floor surfaces; each foot can be individually leveled and adjusted**
- **Power Recommendation: 100W or more per channel power amplification is recommended to experience the best quality and performance**
- **Built to Last: Industry-leading, premium 5-year warranty**

Hi-Res AUDIO

Turbine Cone Drivers

Pinnacle Tweeters

X-Port

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R600 FLOORSTANDING LOUDSPEAKER

Beauty, value, and exceptional bass

The elegant R600 floorstanding loudspeaker delivers powerful bass performance and sounds better than speakers offered at twice the price.

SPECIFICATIONS	
Transducer	1" Ring Radiator Two 6 ½" Turbine Cone
Minimum Impedance	4.0Ω
Sensitivity	87.5dB SPL
Designed for R900	Yes
Frequency Response	38Hz - 38kHz
Dimensions and Weight	(W)280.7mm x (H)1063.8mm x (D)381.6mm (W)11" x (H)41.9" x (D)15" 47.3lbs/21.5kg

Consumer Benefits

Amazing Sound and Elegance
With a slim and elegant design, the Reserve line has a minimal elegance that will fit into any décor. Inheriting Polk's flagship transducer array, the R600 produces exceptional sound that rivals competitor speakers that sell for twice the price. Hi-Res Audio certified, the Reserve R600 is designed for today's two-channel music listening as well as multi-channel 3D audio found in movies, sports, and video game soundtracks.

Dual 6.5" Turbine Cones
Polk developed the Turbine cone specifically for our flagship products to ensure the natural reproduction of the mid-range, to which human ears are particularly sensitive. These Turbine cones combine Polk's proprietary foam core and molded Turbine geometry which dramatically increases stiffness and damping, without adding mass. You will hear every detail and experience a smooth, detailed mid-range and effortless bass.

High Definition Pinnacle Ring Radiator Tweeter
Over 40 years of tweeter innovation, design and prototyping has led to the development of the new 1" high definition Pinnacle ring radiator tweeter. Developed by Polk Audio, it delivers ultra-clear, crisp highs without unwanted coloration or distortions. The Pinnacle tweeter features a finely tuned waveguide that dramatically improves the dispersion of high frequency energy ensuring a broad "sweet spot" while the critically damped rear-chamber helps defeat any unwanted resonances.

Dual 6.5" Turbine Cones
Polk developed the Turbine cone specifically for our flagship products to ensure the natural reproduction of the mid-range, to which human ears are particularly sensitive. These Turbine cones combine Polk's proprietary foam core and molded Turbine geometry which dramatically increases stiffness and damping, without adding mass. You will hear every detail and experience a smooth, detailed mid-range and effortless bass.

Power Port 2.0
Polk's new Power Port 2.0 is the latest version of our successful Power Port technology. In addition to Power Port's carefully engineered port design that smooths the flow of air as it exits the cabinet through the port, X-Port adds a set of closed-pipe absorbers that are specifically tuned to unwanted cabinet and port resonances. Together, these two technologies combine to function as Power Port 2.0 to deliver smooth, detailed audio.

Features

- **Pinnacle Tweeter: The new ring radiator tweeter design dramatically improves dispersion while delivering clear, crisp and natural highs**
- **Dual Turbine Cones: 6.5" Turbine cones deliver smooth and incredibly detailed mid-range imaging**
- **Power Port 2.0 (patent pending): Innovative new port design enables effortless bass to play lower and louder than traditionally ported speakers**
- **Anti-diffraction Magnetic Grilles: Acoustically inert grilles offer a clean aesthetic without sacrificing sound**

Hi-Res AUDIO

Turbine Cone Drivers

Pinnacle Tweeters

Power Port 2.0

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R700 PREMIUM STEREO FLOORSTANDING LOUDSPEAKER

Flagship-quality sound, elegant and refined looks, true value

The R700 flagship floorstanding loudspeaker showcases unbelievably refined elegance and sound. Features Polk's flagship drivers and delivers deep, effortless bass by combining Power Port and brand new, patent-pending X-Port technology to create Power Port 2.0..

SPECIFICATIONS	
Transducer	1" Ring Radiator 6 ½" Turbine Cone Dual 8" Woofers
Minimum Impedance	3.6Ω
Sensitivity	88dB SPL
Designed for R900	Yes
Frequency Response	38Hz - 37kHz
Dimensions and Weight For One Speaker (sold in pairs)	(W)329.3mm x (H)1185.9mm x (D)404mm (W)12.96" x (H)46.69" x (D)15.91" (W)320.7mm x (H)1143.8mm x (D)428.3mm (W)12.6" x (H)45" x (D)16.9" 77.89lbs/35.39kg

Consumer Benefits

Refined Elegance and Amazing Sound
The new R700 flagship floorstanding loudspeaker is ideal for design-forward consumers who want their speakers to blend in with their surroundings. With a bold, rich sound, the flagship 1" Pinnacle tweeter and 6.5" Turbine cone combine with Power Port 2.0 to bring life to any room. Immerse yourself in your favorite musical recordings or your weekly movie night with the new Polk Reserve R700 flagship tower.

High Resolution Pinnacle Ring Radiator Tweeter
Over 40 years of tweeter innovation, design and prototyping has led to the development of the new 1" high definition Pinnacle ring radiator tweeter featured on Polk's flagship Legend series. Developed by Polk Audio, it delivers ultra-clear, crisp highs without unwanted coloration or distortions. The Pinnacle tweeter features a finely tuned waveguide that dramatically improves the dispersion of high frequency energy ensuring a broad "sweet spot" while the critically damped rear-chamber helps defeat any unwanted resonances.

Power Port 2.0
Polk's new Power Port 2.0 is the latest version of our successful Power Port technology. In addition to Power Port's carefully engineered port design that smooths the flow of air as it exits the cabinet through the port, X-Port adds a set of closed-pipe absorbers that are specifically tuned to unwanted cabinet and port resonances. Together, these two technologies combine to function as Power Port 2.0 to deliver smooth, detailed audio. Combined with dual 8" woofers you'll get louder, cleaner bass while minimizing turbulence and port noise.

Premium Cabinets Built for Better Performance
Polk believes cabinets should be beautiful and add nothing to the playback. Polk Reserve cabinets, braces, and internal enclosures are precisely engineered to minimize unwanted internal standing waves and eliminate unwanted resonances. Laser Doppler Vibrometer (LDV) designed, the advanced precision point to point braced cabinets with individual enclosures mid and low-frequency transducers combined with new Cabinet Resonance Control (CRC) eliminate unwanted panel resonances.

Features

- **Pinnacle Tweeter: The new ring radiator tweeter design dramatically improves dispersion while delivering clear, crisp, and natural highs**

Hi-Res AUDIO

Turbine Cone Drivers

Pinnacle Tweeters

Power Port 2.0

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polk | R900 HEIGHT MODULE

Easily add next generation, 3D sound to your home theater

Designed to perfectly complement the Reserve series, this optional height module adds exceptionally realistic sound without the hassle of installing speakers in the ceiling. The R900 is fully compatible with all the latest next gen home theater codecs: Dolby Atmos, DTS, DTS:X, DTS:X Virtual, Dolby Atmos Height Virtualization Technology, IMAX Enhanced, and Auro-3D.

SPECIFICATIONS	
Transducer	0.75" Ring Radiator 4" Turbine Cone Midrange
Minimum Impedance	4.2Ω
Sensitivity	85.5dB SPL (When wall mounted)
Frequency Response	70Hz – 32kHz (When wall mounted)
Dimensions and Weight	(W)166mm x (H)158.3mm x (D)320mm (W)6.5" x (H)6.2" x (D)12.6" 6.6lbs/3kg

Consumer Benefits

Versatile Placement
The Polk Reserve R900 height module is Dolby Atmos certified and designed to meet DTS:X specification. With the ability to wall mount or place on top of a compatible Reserve speaker, this height module allows convenient flexibility. Flip the switch on the back of the speaker to select the desired position and the speaker will automatically adapt to the optimal performance.

New 4" Turbine Cone Midrange Driver
Using the same patented Turbine Cone as the Reserve line, this height module is timbre matched and positioned in the array to deliver an incredibly immersive Dolby Atmos and DTS:X experience.

High Resolution Pinnacle Ring Radiator Tweeter
Over 40 years of tweeter innovation, design and prototyping has led to the development of the new 1" high definition Pinnacle ring radiator tweeter. Developed by Polk Audio, it delivers ultra-clear, crisp highs without unwanted coloration or distortions. The Pinnacle tweeter features a finely tuned waveguide that dramatically improves the dispersion of high frequency energy ensuring a broad "sweet spot" while the critically damped rear-chamber helps defeat any unwanted resonances.

Vertical Transducer Array
A vertical transducer array allows flexible placement either on a wall or placed directly on top of a compatible Reserve speaker. A vertical dispersion pattern directs sound perfectly to the correct area of the ceiling into the optimal listening area. You will enjoy exceptionally realistic overhead sound in a comfortable and convenient listening area without the hassle of installing speakers in your ceiling.

Completely Sealed Enclosure
The R900 features a fully sealed enclosure to prevent resonances and distortions.

Timbre Matched for Unmatched- Performance
Designed with the same driver components of the Reserve series speakers, you can mix and match to create the ultimate home theater set up.

Features

- **Pinnacle Tweeter: The new ring radiator tweeter design dramatically improves dispersion while delivering clear, crisp and natural highs**
- **Turbine Cone: Delivers smooth and incredibly detailed mid-range imaging**
- **Anti-diffraction Magnetic Grilles: Acoustically inert grilles offer a clean aesthetic without sacrificing sound**
- **Supports the Latest Immersive Codecs: Delivers 3D audio found in Dolby Atmos, Dolby Atmos height virtualization, DTS, DTS:X, DTS Virtual:X and IMAX Enhanced soundtracks**
- **Flexible Placement: The R900 can be wall mounted or placed on top of any compatible Reserve speaker**
- **Perfect Match: Designed and perfectly timber-matched to beautifully complement the Polk Reserve line; add to compatible bookshelf or tower speaker for a perfectly immersive home theater experience.**

Hi-Res AUDIO

Turbine Cone Drivers

Pinnacle Tweeters

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