

polk

# RESERVE™

## BOOKSHELF SPEAKERS

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Exceptional sound and elegant design at an incredible price



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# R100 COMPACT BOOKSHELF SPEAKER



## Amazing sound and true value in a compact design

Amazing sound and true value, the R100 inherits the 1" Pinnacle tweeter and 5.25" Turbine cone from our flagship Legend series for renowned clarity and imaging. With a minimalist design, this speaker fits neatly into any décor. Our newly patented Polk X-Port delivers deep, distortion free bass compared to traditionally ported speakers.

### SPECIFICATIONS

Transducer	1" Ring Radiator
	5 1/4" Turbine Cone
Minimum Impedance	3.6Ω
Sensitivity	86dB
Designed for R900	No
Frequency - Response	58Hz - 39kHz
Dimensions and Weight	(W)166mm x (H)324mm x (D)259.5mm
	5.5 kg

### Consumer Benefits

#### Amazing Sound and Elegance

With understated elegance, the Reserve line has a minimalist design with universal appeal. Inheriting Polk's flagship transducer array, the R100 produces exceptional sound that rivals competitor speakers that sell for twice the price.

#### Polk Newly Patented X-Port (ETF)

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.

#### 5.25" Turbine Cone

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. The Turbine cone combines 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
- **Turbine Cone:** Delivers 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
- **Power Recommendation:** 70W or more per channel power amplification is recommended to experience the best quality and performance
- **Premium, Large 5-Way Binding Posts:** Perfect for easy set up and ensure the most direct, efficient, and loss-less connection possible
- **Hi-Res Audio Certified:** Delivers clear and detailed high-end response up to 40Khz for improved high frequency signals for today's high-quality audio and Hi-Res Audio formats (such as DSD, FLAC, WAV, ALAC and MQA)
- **Premium Finish:** Available in Midnight Black





# R200 BOOKSHELF SPEAKER



## Exceptional sound and elegant design at an incredible price

The elegant Polk Reserve R200 bookshelf speaker delivers full-bodied sound and clean tight bass. The 6.5" Turbine Cone, 1" Pinnacle tweeter and X-Port deliver clear, crisp Hi-Res Audio for the best reproduction of sound for the price.

### SPECIFICATIONS

Transducer	1" Ring Radiator 6 1/2" Turbine Cone
Minimum Impedance	3.8Ω
Sensitivity	86dB
Designed for R900	Yes
Frequency Response	51Hz - 38kHz
Dimensions and Weight	(W)190mm x (H)359mm x (D)353.8mm 8.7 kg

### Consumer Benefits

#### Amazing Sound and Elegance

With understated elegance, the Reserve line has a minimalist design with universal appeal. Inheriting Polk's flagship transducer array, the R200 produces exceptional sound that rivals competitor speakers that sell for twice the price.

#### Polk Newly Patented X-Port (ETF)

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.

#### 6.5" Turbine Cone

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. The Turbine cone combines 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
- **Turbine Cone:** 6.5" Turbine cone delivers 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
- **Power Recommendation:** 70W or more per channel power amplification is recommended to experience the best quality and performance from this speaker
- **Premium, Large 5-Way Binding Posts:** Perfect for easy set up and to ensure the most direct, efficient, and loss-less connection possible
- **Bi-Wire and Bi-amping:** Equipped with dual 5-way binding posts to easily bi-wire or bi-amp for a more customized experience
- **Premium Finish:** Available in Midnight Black



Turbine Cone Drivers

Pinnacle Tweeters

X-Port



# R900 HEIGHT MODULE



## Easily add next generation, 3D sound to your home theatre

Designed to perfectly complement the Reserve series, without the hassle of installing speakers in the ceiling. The this optional height module adds exceptionally realistic sound 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

<b>Transducer</b>	0.75" Ring Radiator 4" Turbine Cone Midrange
<b>Minimum Impedance</b>	4.2Ω
<b>Sensitivity</b>	85.5dB SPL (When wall mounted)
<b>Frequency Response</b>	70Hz – 32kHz (When wall mounted)
<b>Dimensions and Weight</b>	(W)166mm x (H)158.3mm x (D)320mm 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 theatre 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.
- **Built to last:** Designed in California, engineered in Baltimore and manufactured under the strictest quality controls.



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