

### RTi SERIES LOUDSPEAKERS

The new RTi Series incorporates our latest Dynamic Balance® Cone drivers, 1" tweeters and elegantly redesigned cabinets that reflect the latest styles. As you can expect from this highly popular line, the performance is classic Polk Audio®. The bass/midrange drivers used throughout the RTi, CSi, F/X®i series employ Dynamic Balance polymer/mineral composite cones with rubber surrounds. Mylar bypass capacitors in the crossovers extend high frequency response and improve detail and transparency. RTi is Timbre-matched to the Polk® TCi in-ceiling/wall series so you can create a seamless, multi-channel system.

### RTi TOWERS

- 1" is a silk/polymer composite dome tweeter for smoother response and better detail.
- A neodymium magnet, low-viscosity ferro-fluid cooling, and a heat sink on the back of the magnet, create better power handling and reliability.
- PowerPort® Plus is a patented enclosure venting technology for maximum bass performance.
- Magnetically shielded to allow safe placement next to televisions or video monitors.
- Dual 5-way binding posts allow bi-wiring and bi-amplification and accepts a variety of wiring connectors.
- Damped Asymmetric Hex Laminate Isolation (DAHLI) cabinet design for clean, accurate sound.
- Finished in cherry or black oak real wood veneer.
- Anti-Diffraction grilles minimize grille diffraction for spacious, 3 dimensional imaging.

### RTiA9

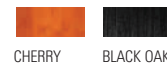
- The flagship of the RTi series.
- Three long-throw 7" woofers to combine the wide dynamic range benefits of a single large woofer with the tight, punchy, accurate bass response of small woofers. Combined with PowerPort Plus, these multiple woofers deliver deep high impact bass with speed and accuracy.
- Two 5 1/4" midrange drivers housed in their own dedicated midrange enclosure provide exceptionally detailed, powerful midrange.
- Recommended amplifier power 50-500 Watts/channel.

#### OVERALL DIMENSIONS:

48 5/8" H X 8 7/8" W X 21 3/8" D (123.51CM H X 22.54CM W X 54.29CM D)

OVERALL FREQUENCY RESPONSE: 18Hz - 27kHz

SEE SPECIFICATIONS FOR MORE DETAILED PRODUCT INFORMATION.



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RTiA9

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### DAHLI

Damped Asymmetric Hex Laminate Isolation (DAHLI) Cabinet Design for clean, accurate sound. The asymmetric design is made from a 6-layer laminate with 5 viscous layers to create the Optimal Shear Damping (OSD) system. The process was specifically developed for Polk. Their elegant styling aside, creating curved cabinets not only results in a stronger, more rigid and acoustically inert enclosure, but the curved walls also produce less audible coloration from panel resonances.

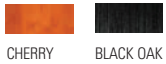


**RTiA7**

- Approaches performance of the RT/A9
- 6 1/2" midrange driver, with ARC® (Acoustic Resonance Control) Port reduces midrange "boom" for clear, natural midrange.
- Two long-throw 7" woofers for tight, punchy and articulate bass response.
- Recommended amplifier power 20-300 Watts/channel.

OVERALL DIMENSIONS:  
42 1/4" H X 8 7/8" W X 17 7/8" D (107.31CM H X 22.54CM W X 45.40CM D)  
OVERALL FREQUENCY RESPONSE: 20HZ - 27KHZ

SEE SPECIFICATIONS FOR MORE DETAILED PRODUCT INFORMATION.



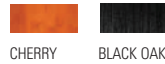
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**RTiA5**

- Smallest footprint in the RTi floorstanding series.
- Two 6 1/2" Polymer Composite Dynamic Balance mid/woofer with rubber surrounds.
- ARC® (Acoustic Resonance Control) Port reduces midrange "boom" for clear, natural mids.
- Recommended amplifier power 20-250 watts/channel.

OVERALL DIMENSIONS:  
40 1/4" H X 8 7/16" W X 15 3/4" D (102.23CM H X 21.43CM W X 40.01CM D)  
OVERALL FREQUENCY RESPONSE: 30HZ - 27KHZ

SEE SPECIFICATIONS FOR MORE DETAILED PRODUCT INFORMATION.



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RTiA7



RTiA5

**POWERPORT® PLUS**

The floorstanding models, RTiA9, RTiA7 and RTiA5 feature PowerPort Plus an enhancement in PowerPort technology. PowerPort Plus uses two ports (one front, one rear) and internal "plates" to further reduce air turbulence and increase bass efficiency. A computer designed tweeter faceplate radius, tapered enclosure and baffle edge radius all contribute to minimizing diffraction for more open and spacious imaging.



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**BOOKSHELF LOUDSPEAKERS**

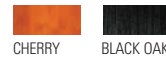
- 1" silk/polymer composite dome tweeter for smoother response and better detail. A neodymium magnet with low-viscosity ferro-fluid cooling and a heat sink on the back of the tweeter assembly create better power handling and reliability.
- PowerPort with integral wall mount reduces turbulence at the mouth of the port.
- ARC (Acoustic Resonance Control) Port reduces midrange "boom" for clear, natural midrange.
- Magnetically Shielded to allow safe placement next to CRT televisions or video monitors.
- Dual 5-way binding posts allow bi-wiring and bi-amplification and also accepts a variety of wiring connectors.
- Damped Asymmetric Hex Laminate Isolation (DAHLI) cabinet design for clean, accurate sound.
- Finished in Cherry or Black Oak real wood veneer.
- Anti-Diffraction Grilles minimize grille diffraction for spacious, 3 dimensional imaging.

**RTiA3**

- High performance bookshelf speaker.
- 6 1/2" polymer composite Dynamic Balance mid/woofer with rubber surround.
- Recommended amplifier power 20-125 Watts/channel.

OVERALL DIMENSIONS:  
 14 3/4" H X 8 7/16" W X 14" D (37.47CM H X 21.43CM W X 35.56CM D)  
 OVERALL FREQUENCY RESPONSE: 40Hz - 27kHz.

SEE SPECIFICATIONS FOR MORE DETAILED PRODUCT INFORMATION.

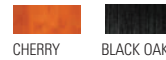


**RTiA1**

- Compact bookshelf speaker.
- 5 1/4" polymer composite Dynamic Balance mid/woofer with rubber surround.
- Recommended amplifier power 20-125 Watts/channel.

OVERALL DIMENSIONS:  
 12" H X 7 3/8" W X 11 1/2" D  
 (30.48CM H X 18.73CM W X 29.21CM D)  
 OVERALL FREQUENCY RESPONSE: 50Hz - 27kHz.

SEE SPECIFICATIONS FOR MORE DETAILED PRODUCT INFORMATION.



RTiA3

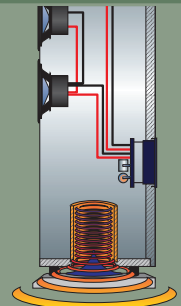


RTiA1



**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/).



### CENTER LOUDSPEAKERS

- 1" silk/polymer composite dome tweeter for smoother response and better detail. A neodymium magnet with low-viscosity ferro-fluid cooling and a heat sink on the back of the tweeter assembly, create better power handling and reliability.
- ARC (Acoustic Resonance Control) Port reduces midrange "boom" for clear, natural midrange.
- Magnetically shielded to allow safe placement next to CRT televisions or video monitors.
- Reversible design allows center channel to be "inverted" to fire up at listening position.
- Damped Asymmetric Hex Laminate Isolation (DAHLI) Cabinet design for clean, accurate sound.
- Finished in cherry or black oak real wood veneer.
- Anti-diffraction grilles minimize grille diffraction for spacious, 3 dimensional imaging.

### CS/A6

- The ultimate in RTi Center channel performance.
- Dual PowerPorts reduce turbulence at the mouth of the port.
- Dual 6.5" polymer composite Dynamic Balance mid/woofer with rubber surround.
- Cascade tapered array crossover minimizes interference between the two mid/woofers in the upper midrange to provide a wider sweet spot and greater accuracy.
- Kickstand supports the rear part of the speaker on the rear "slope" of projection TVs.
- Dual 5-way binding posts allow bi-wiring and bi-amplification and also accept a variety of wiring connectors.
- Recommended amplifier power 20-200 Watts/channel.

#### OVERALL DIMENSIONS:

7 3/4" H X 24" W X 14" D (19.68CM H X 60.96CM W X 35.56CM D)

OVERALL FREQUENCY RESPONSE: 45HZ - 27KHZ

SEE SPECIFICATIONS FOR MORE DETAILED PRODUCT INFORMATION.



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### CS/A4

- Compact CSi center channel speaker.
- Dual 5 1/4" polymer composite Dynamic Balance mid/woofer with rubber surrounds.
- Compact size fits in virtually any application.
- 5-way binding posts accept a variety of wiring connectors and speaker cable up to 10 AWG.
- Recommended amplifier power 20-180 watts/channel.

#### OVERALL DIMENSIONS:

6 7/8" H X 20" W X 8 3/4" D (17.46CM H X 50.80CM W X 22.23CM D)

OVERALL FREQUENCY RESPONSE: 55Hz - 27kHz.

SEE SPECIFICATIONS FOR MORE DETAILED PRODUCT INFORMATION.



CHERRY



BLACK OAK



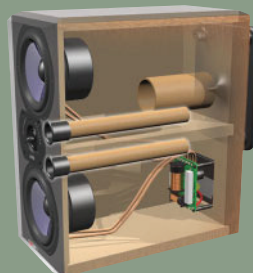
CS/A6



CS/A4

### ARC PORT

A loudspeaker's internal standing wave resonance can impart a "thick" or "chesty" character to the sound of voices. Polk Audio's patented Acoustic Resonance Control Port System is tuned to cancel this resonance for utterly clear, accurate and natural midrange. See more about ARC Port at [www.polkaudio.com/catalog/technology/](http://www.polkaudio.com/catalog/technology/).



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**FLOORSTANDING  
LOUDSPEAKERS**

	<b>RTiA9</b>	<b>RTiA7</b>	<b>RTiA5</b>
Driver Complement	3 - 7" (17.78cm) Polymer Composite woofers 2 - 5 1/4" (13.3cm) Dynamic Balance mid/range cone 1 - 1" (2.54cm) Silk Polymer Composite Dome	2 - 7" (17.78cm) Polymer Composite woofer 1 - 6 1/2" (16.5cm) Dynamic Balance 1 - 1" (2.54cm) Silk Polymer Composite Dome	2 - 6 1/2" (16.5cm) Polymer/Mica Composite Cone with Rubber Surround, 1 - 1" (2.54cm) Silk Polymer Composite Dome
Frequency Response: Overall / -3dB Limits	18Hz - 27kHz / 30Hz - 26kHz	20Hz - 27kHz / 35Hz - 26kHz	30Hz - 27kHz / 40Hz - 26kHz
Impedance	compatible with 8 Ohm outputs	compatible with 8 Ohm outputs	compatible with 8 Ohm outputs
Recommended Amplification	50 - 500 Watts/channel	20 - 300 Watts/channel	20 - 250 Watts/channel
Efficiency	90dB	89dB	90dB
Available Finish	black oak or cherry veneer	black oak or cherry veneer	black oak or cherry veneer
Cabinet Dimensions	48 5/8" H x 8 7/8" W x 21 3/8" D 123.51cm H x 22.54cm W x 54.29cm D	42 1/4" H x 8 7/8" W x 17 7/8" D 107.31cm H x 22.54cm W x 45.40cm D	40 1/4" H x 8 7/16" W x 15 3/4" D 102.23cm H x 21.43cm W x 40.01cm D
Features	PowerPort Plus	PowerPort Plus, ARC Port	PowerPort, ARC Port

**BOOKSHELF  
LOUDSPEAKERS**

	<b>RTiA3</b>	<b>RTiA1</b>
Driver Complement	1 - 6 1/2" (16.5cm) Polymer Composite Dynamic Balance Cone with Rubber Surround, 1 - 1" (2.5cm) Silk Polymer Composite Dome	1 - 5 1/4" (13.3cm) Polymer Composite Dynamic Balance Cone with Rubber Surround, 1 - 1" (2.5cm) Silk Polymer Composite Dome
Frequency Response: Overall / -3dB Limits	40Hz - 27kHz / 50Hz - 26kHz	50Hz - 27kHz / 60Hz - 26kHz
Impedance	compatible with 8 Ohm outputs	compatible with 8 Ohm outputs
Recommended Amplification	20 - 125 Watts/channel	20 - 125 Watts/channel
Efficiency	89dB	89dB
Available Finish	black or cherry veneer	black or cherry veneer
Dimensions	14 3/4" H x 8 7/16" W x 14" D 37.47cm H x 21.43cm W x 35.56cm D	12" H x 7 3/8" W x 11 1/2" D 30.48cm H x 18.73cm W x 29.2cm D
Features	PowerPort, ARC Port, built-in wall mount	PowerPort, ARC Port, built-in wall mount

**CENTER CHANNEL  
LOUDSPEAKERS**

	<b>CSiA6</b>	<b>CSiA4</b>
Driver Complement	2 - 6 1/2" (16.5cm) Polymer Composite Dynamic Balance with rubber surround, 1 - 1" (2.5cm) Silk Polymer Surround Tweeter	2 - 5 1/4" (13.3cm) Polymer Composite Dynamic Balance with rubber surround, 1 - 1" (2.5cm) Silk Polymer Dome Tweeter
Frequency Response: Overall / -3dB Limits	45Hz - 27kHz / 55Hz - 26kHz	55Hz - 27kHz / 65Hz - 26kHz
Impedance	compatible with 8 Ohm outputs	compatible with 8 Ohm outputs
Recommended Amplification	20 - 200 Watts/channel	20 - 180 Watts/channel
Efficiency	90dB	89dB
Magnetically Shielded	yes	yes
Available Finish	black oak or cherry veneer	black oak or cherry veneer
Dimensions	7 3/4" H x 24" W x 14" D 19.68cm H x 60.96 cm W x 35.56 cm D	6 7/8" H x 20" W x 8 3/4" D 17.46cm H x 50.80cm W x 22.23cm D
Features	vented with dual PowerPort and single ARC Port	vented with dual PowerPort and single ARC Port

**SURROUND  
LOUDSPEAKERS**

	<b>F/XiA6</b>	<b>F/XiA4</b>
Driver Complement	1 - 6 1/2" (16.5cm) Polymer Composite Dynamic Balance with rubber surround, 2 - 1" (2.5cm) Silk Polymer Dome Tweeter	1 - 5 1/4" (13.3cm) Polymer Composite Dynamic Balance with rubber surround, 2 - 1" (2.5cm) Silk Polymer Dome Tweeter
Frequency Response: Overall / -3dB Limits	45Hz - 27kHz / 55Hz - 26kHz	50Hz - 27kHz / 60Hz - 26kHz
Impedance	compatible with 8 Ohm outputs	compatible with 8 Ohm outputs
Recommended Amplification	20 - 150 Watts/channel	20 - 150 Watts/channel
Efficiency	88dB	88dB
Available Finish	black or white	black or white
Dimensions	14 3/4" H x 13 3/8" W x 8 5/8" D 37.47cm H x 33.97cm W x 21.91cm D	12" H x 11 3/8" W x 7 7/16" D 30.48cm H x 28.89cm W x 18.89cm D
Features	vented with single port	vented with single port

**SURROUND  
LOUDSPEAKERS**

	<b>OWM3</b>
Driver Complement	1 - 4 1/2" (11.4cm) Dynamic Balance Driver; 1 - 1" (2.5cm) Silk Dome Tweeter
Frequency Response: Overall / -3dB Limits	80Hz - 25kHz / 100Hz - 24kHz
Impedance	4 Ohms
Recommended Amplification	20 - 100 Watts
Efficiency	89dB
Continuous Power	100 Watts
Dynamic Power	200 Watts
Available Finish	matte black (paintable) or matte white (paintable)
Product Weight / Shipping Weight	4.4 lbs with stand each / 10.28 lbs pair (2.0 kg with stand each / 4.66 kg pair)
Dimensions	10" H x 7" W x 4" D (25.4cm H x 17.8cm W x 10.4cm D without stand) 10" H x 7" W x 4 11/16" D (25.4cm H x 17.8cm W x 11.9cm D with stand)

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

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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