

RTi SERIES LOUDSPEAKERS | REAL WOOD, REAL HIGH PERFORMANCE



SERIES | CATALOGUE

polkaudio

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.

Real Hi Fi performance, Real timber finish

RTi A9 Floorstanding



 
CHERRY BLACK OAK

RTi A5 Floorstanding



 
CHERRY BLACK OAK

RTi A3 Bookshelf



 
CHERRY BLACK OAK

RTi A7 Floorstanding



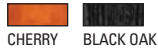
 
CHERRY BLACK OAK

RTi A1 Bookshelf



 
CHERRY BLACK OAK

CSi A6 Centre



CSi A4 Centre



F/Xi A6



F/Xi A4



OWM SERIES - MULTI-APPLICATION, ULTRA COMPACT LOUDSPEAKERS

The OWM Series is synonymous with versatility. These speakers offer tremendous flexibility in mounting, so you can use them practically anywhere indoors. Don't want to punch holes through the wall for in-wall speakers? Use OWM Series instead.

The OWM3 and OWM5 are dedicated surround/satellites that are about as unobtrusive as on-wall speakers can be. Equally capable of being part of a 2.1 2nd zone system, or as a multi-channel surround system, their unique curved design and removable bases make them easy to mount in a corner or simply place on a table.

OWM3 - Seven ways to enjoy great sound

With the OWM3 you have seven different mounting possibilities, which makes it one of the most versatile surround speakers anywhere.

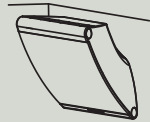


Looking for versatility? Look no further than the OWM5.

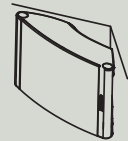
The OWM5 offers no less than nine useful options to mount and install them. Use them for Left, Centre or Right channel applications in a small home theater or as part of an existing Polk Audio installation (they're timbre-matched for smooth integration into Polk Audio systems).



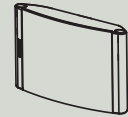
1. ANGLED WALL MOUNT



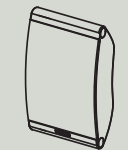
2. CORNER MOUNT



3. HORIZONTAL WALL MOUNT



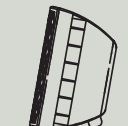
4. VERTICAL WALL MOUNT



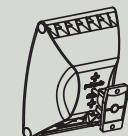
5. SHELF MOUNT



6. HORIZONTAL SHELF MOUNT

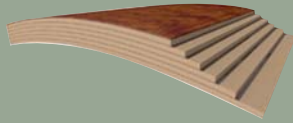


7. STANDARD ARTICULATING WALL MOUNT BRACKET (NOT INCLUDED)



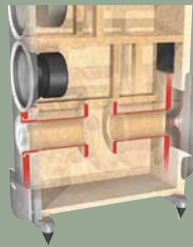
In addition to the mounting positions of the OWM3, the OWM5 can also be mounted vertically on a wall at a 45 degree angle, or vertically in a corner.

polk technology



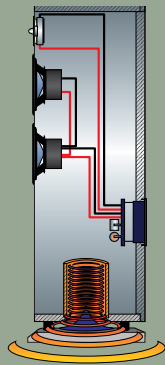
DAHLI

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.



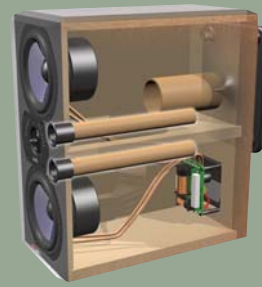
POWERPORT® PLUS

The floorstanding models, RTi A9, RTi A7 and RTi A5 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.



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/.



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/.



CASCADE TAPERED ARRAY

Place two drivers near each other and interference between the two drivers creates frequency response errors (called "comb filtering") for off-axis listeners; you won't hear the same tonal balance as listeners who are "on-axis" in the center of the listening area. Polk Audio multi-driver speakers, combat this with "Cascade Tapered Array" crossovers. One driver is "crossed over" at a lower frequency than the other driver, filtering out the frequencies where the interference will occur. The Cascade Tapered Driver Arrays in select Polk multi-driver speakers produce clearer, more detailed sound and uniform tonal balance throughout the room. The sound is consistently accurate whether the listener is standing or sitting, in-line or off-axis. See more about Cascade Tapered Driver Array at www.polkaudio.com/catalog/technology/.

CAPACITIVE COUPLING

Capacitive Coupling Technology (CCT) works by creating a gentle impedance dip within the range where conventional sealed-box loudspeakers are subject to severely reduced bass output. Lower impedance within this critical frequency range means improved acoustic sensitivity by exploiting power amplifiers' ability to deliver more power to the bass frequencies. Thus, the OWM3 plays surprisingly loud over the lowest portion of its passband. The net result for the OWM3's performance is 3dB more bass output over a fairly broad range. It's as if the loudspeaker's enclosure grew by 30 to 50% in volume. And it's why you'll be astonished by just how loud and how low a satellite/ surround loudspeaker this compact goes.

FLOORSTANDING LOUDSPEAKERS	RTi A9	RTi A7	RTi A5
Driver Complement	3 - 7" (17.78cm) Polymer Composite woofers 2 - 5 1/4" (13.3cm) Dynamic Balance mid/range drivers 1 - 1" (2.54cm) Silk Polymer Composite Dome Tweeter	2 - 7" (17.78cm) Polymer Composite woofers 1 - 6 1/2" (16.5cm) Dynamic Balance driver 1 - 1" (2.54cm) Silk Polymer Composite Dome Tweeter	2 - 6 1/2" (16.5cm) Polymer/Mica Composite Drivers with Rubber Surround, 1 - 1" (2.54cm) Silk Polymer Composite Dome Tweeter
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	123.51cm H x 22.54cm W x 54.29cm D	107.31cm H x 22.54cm W x 45.40cm D	102.23cm H x 21.43cm W x 40.01cm D
Features	PowerPort Plus	PowerPort Plus, ARC Port	PowerPort, ARCPort

BOOKSHELF LOUDSPEAKERS	RTi A3	RTi A1
Driver Complement	1 - 6 1/2" (16.5cm) Polymer Composite Dynamic Balance Driver with Rubber Surround, 1 - 1" (2.5cm) Silk Polymer Composite Dome Tweeter	1 - 5 1/4" (13.3cm) Polymer Composite Dynamic Balance Driver with Rubber Surround, 1 - 1" (2.5cm) Silk Polymer Composite Dome Tweeter
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 oak or cherry veneer	black oak or cherry veneer
Dimensions	37.47cm H x 21.43cm W x 35.56cm 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

CENTRE CHANNEL LOUDSPEAKERS	CSi A6	CSi A4
Driver Complement	2 - 6 1/2" (16.5cm) Polymer Composite Dynamic Balance Drivers with rubber surround, 1 - 1" (2.5cm) Silk Polymer Dome Tweeter	2 - 5 1/4" (13.3cm) Polymer Composite Dynamic Balance Drivers 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	19.68cm H x 60.96 cm W x 35.56 cm 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	F/Xi A6	F/Xi A4
Driver Complement	1 - 6 1/2" (16.5cm) Polymer Composite Dynamic Balance Driver with rubber surround, 2 - 1" (2.5cm) Silk Polymer Dome Tweeters	1 - 5 1/4" (13.3cm) Polymer Composite Dynamic Balance Driver with rubber surround, 2 - 1" (2.5cm) Silk Polymer Dome Tweeters
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 matte white	black or matte white
Dimensions	37.47cm H x 33.97cm W x 21.91cm D	30.48cm H x 28.89cm W x 18.89cm D
Features	vented with single port	vented with single port

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

SURROUND LOUDSPEAKERS	OWM3	OWM5
Driver Complement	1 - 4 1/2" (11.4cm) Dynamic Balance Driver; 1 - 1" (2.5cm) Silk Dome Tweeter	2 - 4 1/2" (11.4cm) Dynamic Balance Driver; 1 - 1" (2.5cm) Silk Dome Tweeter
Frequency Response: Overall / -3dB Limits	80Hz - 25kHz / 100Hz - 24kHz	60Hz - 25kHz
Impedance	8 Ohms	8 ohms
Recommended Amplification	20 - 100 Watts	20-150 Watts
Efficiency	89dB	91dB
Available Finish	matte black (paintable) or matte white (paintable)	matte black (paintable) or matte white (paintable)
Product Weight / Shipping Weight	2.0 kg with stand each / 4.66 kg pair	2.0 kg each / 2.7 kg each
Dimensions	25.4cm H x 17.8cm W x 10.4cm D without stand 25.4cm H x 17.8cm W x 11.9cm D with stand	40.6cm H x 16.5cm W x 10.8cm D without stand

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>.

Polk Audio, Polk, PowerPort, Dynamic Balance, F/X, Atrium, Big Speaker Sound Without The Big Speaker, High Velocity Compression Drive, Acoustic Resonance Control, ARC Port, Casket Basket,

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