

**More Advanced, More Invisible**  
**Completely Flush-Fit In-Wall/In-Ceiling Speakers**  
**For The Ultimate In Architectural Style Audio.**

The highest performance Polk Audio in-wall/in-ceiling loudspeakers are now even more invisible, with minimal-flange, magnetically secured, acoustically-inert grilles. This innovative new design features no borders and no wide perimeter frames, for completely stealth high-end audio installations. All you hear is great sound. All you see is...your paint color.

**Features**

- **Designed Specifically For High-End Installations**, available to the discerning consumer.
- **Perfect-Fit Template** for one-cut drop-in simplicity.
- **Secure, Vibration-Free Installation** with the patented Rotating Cam system. (Pre-construction brackets are available.)
- **New Design Minimal-Flange Grilles Are Utterly Invisible**, smoothly flush-fit and acoustically inert for wide dispersion and uniform sound-coverage even in larger rooms. (NOTE: Grilles are metal, so high-moisture installation locations are not recommended.)
- **Composite Driver Basket Is Lightweight And Strong** to keep moving parts in rigid alignment and damp performance-robbing resonance.
- **Patented Polk® Technologies For Superior Audiophile Sound Quality:**
  - **Lightweight Dynamic Balance® Aerated Polypropylene Cones** (20% lighter than conventional polypropylene and 35% lighter than aluminum) for spectacular midrange clarity, punchy bass and high efficiency.
  - **Ultra-High Performance Ring Radiator Tweeters**, with 15° swivel for direct high frequency control and excellent imaging even for off-axis listening positions.
  - **Klippel Distortion Optimization** for perfect motor structure, voice coil alignment and suspension, delivering the best possible performance at any volume level.
- **Timbre-Matched To Polk Audio's Ultra High Performance LSi Series Loudspeakers**, so it's easy to build a combined traditional speaker and invisible in-wall/in-ceiling system with confidence.



265-LS



65-RT

- **Superior Audio Customization** capabilities allow you to tweak for perfect sound in virtually any installation location:

**Tweeter Level Switch** doesn't merely reduce the high frequencies (like other in-walls); it allows you to "notch out" the frequency range from 3500 Hz-6000 Hz where room acoustics and some recordings can be harsh sounding. We leave intact the last octave over 10 kHz where the nuance and emotion of the music and movies are conveyed.

**Wall Distance Toggle Switch** provides maximum placement flexibility without performance loss by tailoring the frequency response for an installation placement near a corner or adjacent wall. Like the Tweeter Level Switch, it "notches out" the range from 80 Hz-150 Hz in the mid bass where adjacent wall or ceiling reflections can add "boominess" or exaggeration while leaving the deep bass response intact.



620-RT



Sheer-Grille™

**Specifications**

<b>LS Models</b>	<b>265-LS</b>	<b>65F/X-LS</b>	<b>65-LS</b>	<b>255c-LS (center)</b>	<b>80F/X-LS</b>
Shape	rectangle	rectangle	rectangle	rectangle	round
Driver Complement	1" ring radiator tweeter (2) 6 1/2" aerated polypropylene drivers w/ rubber surround	(2) 3/4" ring radiator tweeters 6 1/2" aerated polypropylene driver w/ rubber surround	1" ring radiator tweeter 6 1/2" aerated polypropylene driver w/ rubber surround	1" ring radiator tweeter (2) 5 1/4" aerated polypropylene drivers w/ rubber surround	(2) 3/4" ring radiator tweeters 8" aerated polypropylene driver w/ rubber surround
Overall Frequency Response	28 Hz - 27 kHz	30 Hz - 27 kHz	30 Hz - 27 kHz	30 Hz - 27 kHz	30 Hz - 27 kHz
Lower/Upper -3 dB limit	41 Hz - 26 kHz	45 Hz - 26 kHz	44 Hz - 26 kHz	41 Hz - 26 kHz	45 Hz - 26 kHz
Nominal Impedance	8 Ohms	8 Ohms	8 Ohms	8 Ohms	8 Ohms
Recommended Amp Power	10 - 200 W/channel	10 - 125 W/channel	10 - 125 W/channel	10 - 150 W/channel	10 - 150 W/channel
Efficiency	91 dB	88 dB	90 dB	91 dB	88 dB
Dimensions	20 7/8" H x 8 7/8" W x 3 3/4" D (53.02 cm x 22.54 cm x 9.53 cm)	14 3/8" H x 8 7/8" W x 3 1/2" D (36.51 cm x 22.54 cm x 7.62 cm)	14 3/8" H x 8 7/8" W x 3 1/2" D (36.51 cm x 22.54 cm x 7.62 cm)	9 5/16" H x 14 13/16" W x 3 3/4" D (23.65 cm x 37.62 cm x 9.53 cm)	11 1/8" Diameter x 5 1/8" D (28.26 cm x 13.02 cm)
Cutout Dimensions	19 3/16" H x 7 1/4" W (48.74 cm x 18.42 cm)	12 3/4" H x 7 1/4" W (32.39 cm x 18.42 cm)	12 3/4" H x 7 1/4" W (32.39 cm x 18.42 cm)	7 5/8" H x 13 1/8" W (19.37 cm x 33.34 cm)	9 3/8" Cutout Diameter (23.81 cm)
Mounting Depth (1/2" drywall)	3 1/4" (8.26 cm)	3" (7.62 cm)	3" (7.62 cm)	3 1/4" (8.26 cm)	4 5/8" (11.75 cm)
Warranty	lifetime warranty	lifetime warranty	lifetime warranty	lifetime warranty	lifetime warranty

<b>RT Models (rectangle)</b>	<b>265-RT</b>	<b>65F/X-RT</b>	<b>65-RT</b>	<b>625-RT</b>	<b>255c-RT (center)</b>
Shape	rectangle	rectangle	rectangle	rectangle	rectangle
Driver Complement	1" silk/polymer tweeter (2) 6 1/2" composite polymer drivers w/ rubber surround	(2) 3/4" silk/polymer tweeters 6 1/2" composite polymer driver w/ rubber surround	1" silk/polymer tweeter 6 1/2" composite polymer driver w/ rubber surround	3/4" silk/polymer tweeter 6 1/2" composite polymer drivers w/ rubber surround	1" silk/polymer tweeter (2) 5 1/4" composite polymer drivers w/ rubber surround
Overall Frequency Response	30 Hz - 27 kHz	35 Hz - 25 kHz	32 Hz - 27 kHz	35 Hz - 25 kHz	30 Hz - 27 kHz
Lower/Upper -3 dB limit	45 Hz - 25 kHz	50 Hz - 23 kHz	50 Hz - 25 kHz	50 Hz - 23 kHz	50 Hz - 25 kHz
Nominal Impedance	8 Ohms	8 Ohms	8 Ohms	8 Ohms	8 Ohms
Recommended Amp Power	10 - 200 W/channel	10 - 100 W/channel	10 - 125 W/channel	20 - 100 W/channel	10 - 150 W/channel
Efficiency	91 dB	87 dB	90 dB	89 dB	90 dB
Dimensions	20 7/8" H x 8 7/8" W x 3 3/4" D (53.02 cm x 22.54 cm x 9.53 cm)	14 3/8" H x 8 7/8" W x 3 1/2" D (36.51 cm x 22.54 cm x 7.62 cm)	14 3/8" H x 8 7/8" W x 3 1/2" D (36.51 cm x 22.54 cm x 7.62 cm)	14 3/8" H x 8 7/8" W x 3 3/8" D (36.51 cm x 22.54 cm x 8.57 cm)	9 5/16" H x 14 13/16" W x 3 3/4" D (23.65 cm x 37.62 cm x 9.53 cm)
Cutout Dimensions	19 3/16" H x 7 1/4" W (48.74 cm x 18.42 cm)	12 3/4" H x 7 1/4" W (32.39 cm x 18.42 cm)	12 3/4" H x 7 1/4" W (32.39 cm x 18.42 cm)	12 3/4" H x 7 1/4" W (32.39 cm x 18.42 cm)	7 5/8" H x 13 1/8" W (19.37 cm x 33.34 cm)
Mounting Depth (1/2" drywall)	3 1/4" (8.26 cm)	3" (7.62 cm)	3" (7.62 cm)	2 7/8" (7.30 cm)	3 1/4" (8.26 cm)
Warranty	lifetime warranty	lifetime warranty	lifetime warranty	lifetime warranty	lifetime warranty

<b>RT Models (round)</b>	<b>80F/X-RT</b>	<b>620-RT</b>
Shape	round	round
Driver Complement	(2) 3/4" silk/polymer tweeters 8" composite polymer driver	3/4" silk/polymer tweeter 6 1/2" composite polymer driver
Overall Frequency Response	35 Hz - 27 kHz	35 Hz - 25 kHz
Lower/Upper -3 dB limit	50 Hz - 25 kHz	52 Hz - 23 kHz
Nominal Impedance	8 Ohms	8 Ohms
Recommended Amp Power	10 - 100 W/channel	10 - 100 W/channel
Efficiency	87 dB	89 dB
Dimensions	11 1/8" Diameter x 4 3/4" D (28.26 cm x 12.07 cm)	11 5/8" Diameter x 4 1/4" D (24.45 cm x 10.08 cm)
Cutout Dimensions	9 3/8" Diameter (23.81 cm)	8 3/16" Diameter (20.08 cm)
Mounting Depth (1/2" drywall)	4 1/4" (10.8 cm)	3 3/4" (9.53 cm)
Warranty	lifetime warranty	lifetime warranty

Specifications, dimensions and features subject to change without notice. For more information call us at 1-800-377-7655 (USA and Canada). Outside of North America call +1 (410) 358-3600.

**More Advanced, More Invisible Nearly Flush-Fit In-Walls For The Ultimate In Architectural Style Audio**

The highest performance Polk Audio in-wall loudspeakers are now even more invisible with magnetically-secured, minimal flange, Sheer-Grilles™ for completely stealth high-end audio installations. All new drive units, crossovers and improved PowerPort® in many models update the performance to even higher standards. All you hear is great sound. All you see is...your paint color.

**Features**

- **Patent Pending Acoustic Design**—full range performance from a smaller diameter speaker, the Cassini oval woofer is mounted on a diagonal to the enclosure. This allows the three active drive units to fit into a smaller cutout size, achieving bass performance equivalent to ceiling speakers that are at least one increment larger in diameter. The result is better performance with less visibility.
- **Broad Coverage 3-Way Design.** The woofer is mounted diagonally to the rear of the enclosure and the mid and high frequency drive units are mounted to the front baffle. The midrange drivers are ideally sized at 2 1/2" and 3 1/2" depending on model and the tweeters are all 3/4" ring radiators or silk domes. Since they are dedicated to only reproduce mid and high ranges, they inherently offer more even frequency response as you move to one side or the other of the speaker, or sit off axis in a home theater environment. The benefit is even off axis listeners hear all of the music and dialogue.
- **The Vanishing LS Series Timbre Matches LSi Freestanding Models And The Vanishing RT Series Timbre Matches RTi Freestanding Models.** Install these for surround channels with complete confidence that you'll get a seamless home theater performance.
- **15° Angled Baffles** allow you to direct the mids and highs for the particular application simply rotate the speaker in the desired direction and tighten down the rotating cams.
- **Bandpass Dual Port Design In All Models.** Bandpass designs are renowned for higher efficiency. Combining this acoustic design with the angled woofer geometry creates bass speed and output unheard of in speakers of this cutout size.
- **Tweeter Level Switch** doesn't merely reduce the high frequencies (like other in-walls); a sophisticated "notch filter" allows you to reduce the frequency range from 3500 Hz-6000 Hz by 3 dB where reflective room acoustics and some recordings can be harsh sounding. We leave intact the last octave over 10 kHz where the nuance and emotion of the music and movies are conveyed.
- **Wall Distance Toggle Switch** (265-LS, 65-LS, 265-RT & 65-RT) provides maximum placement flexibility without performance loss by tailoring the frequency response for an installation placement near a corner or adjacent wall. Like the tweeter level switch, a sophisticated "notch filter" reduced the range from 80 Hz-150 Hz by 3 dB in the mid-bass where adjacent wall or ceiling reflections can add "boominess."



**Mounting Detail**  
(flush-fit in-ceiling)



**Mounting Detail**  
(mounted in-ceiling)



**Sheer-Grille™**



**900-LS**



**90-RT**

**Specifications**

<b>LS Models</b>	<b>900-LS</b>	<b>700-LS</b>	<b>500-LS</b>
Shape	round	round	round
Driver Complement	3/4" ring radiator tweeter 3 1/4" APP mid-range driver 6" x 9" mineral filled polypropylene woofer	3/4" ring radiator tweeter 2 1/2" APP mid-range driver 5" x 7" mineral filled polypropylene woofer	3/4" ring radiator tweeter 2 1/2" APP mid-range driver 4" x 6" mineral filled polypropylene woofer
Overall Frequency Response	28 Hz - 27 kHz	32 Hz - 27 kHz	35 Hz - 27 kHz
Lower/Upper -3 dB limit	40 Hz - 26 kHz	45 Hz - 26 kHz	48 Hz - 26 kHz
Nominal Impedance	8 Ohms	8 Ohms	8 Ohms
Recommended Amp Power	10 - 150 W/channel	10 - 150 W/channel	10 - 125 W/channel
Efficiency	90 dB	90 dB	89 dB
Dimensions	9 5/8" Diameter x 9 1/2" D (24.45 cm x 24.13 cm)	8 1/8" Diameter x 8 1/2" D (20.64 cm x 21.59 cm)	7 3/4" Diameter x 8 5/8" D (19.69 cm x 21.91 cm)
Cutout Diameter	8 3/16" (20.8 cm)	6 1/2" (16.51 cm)	6" (15.24 cm)
Mounting Depth (1/2" drywall)	9" (22.86 cm)	8" (20.32 cm)	8 1/8" (20.64 cm)
Warranty	lifetime warranty	lifetime warranty	lifetime warranty

<b>RT Models</b>	<b>90-RT</b>	<b>70-RT</b>	<b>50-RT</b>
Shape	round	round	round
Driver Complement	3/4" silk/polymer tweeter 3 1/4" mineral filled polypro. mid-range driver 6" x 9" mineral filled polypropylene woofer	3/4" silk/polymer tweeter 2 1/2" mineral filled polypro. mid-range driver 5" x 7" mineral filled polypropylene woofer	3/4" silk/polymer tweeter 2 1/2" mineral filled polypro. mid-range driver 4" x 6" mineral filled polypropylene woofer
Overall Frequency Response	30 Hz - 27 kHz	34 Hz - 27 kHz	35 Hz - 27 kHz
Lower/Upper -3 dB limit	43 Hz - 25 kHz	48 Hz - 25 kHz	52 Hz - 28 kHz
Nominal Impedance	8 Ohms	8 Ohms	8 Ohms
Recommended Amp Power	10 - 125 W/channel	10 - 125 W/channel	10 - 100 W/channel
Efficiency	90 dB	90 dB	89 dB
Dimensions	9 5/8" Diameter x 9 1/2" D (24.45 cm x 24.13 cm)	8 1/8" Diameter x 8 1/2" D (20.64 cm x 21.59 cm)	7 3/4" Diameter x 8 5/8" D (19.69 cm x 21.91 cm)
Cutout Diameter	8 3/16" (20.8 cm)	6 1/2" (16.51 cm)	6" (15.24 cm)
Mounting Depth (1/2" drywall)	9" (22.86 cm)	8" (20.32 cm)	8 1/8" (20.64 cm)
Warranty	lifetime warranty	lifetime warranty	lifetime warranty

Specifications, dimensions and features subject to change without notice. For more information call us at 1-800-377-7655 (USA and Canada). Outside of North America call +1 (410) 358-3600.