

polkaudio®



mobile audio catalog



Incredible Sound. Affordable Price

The pros know that really good stuff at a really good price is where it's at. So we took really

good stuff, grabbed it by the neck, held it down and force-fed it Creatine and Ginko Biloba. We mixed it up with patented Polk technologies and a reckless desire for big volume output.

We created speakers with better performance, bigger volume and better value. Plus we made sure they were super efficient. So the db Series sounds fantastic with OEM factory radios or installed systems, not to mention high-powered after-market head units.



The db Series is classic Polk Audio: performance and durability at a price that will rock the house, never your wallet.

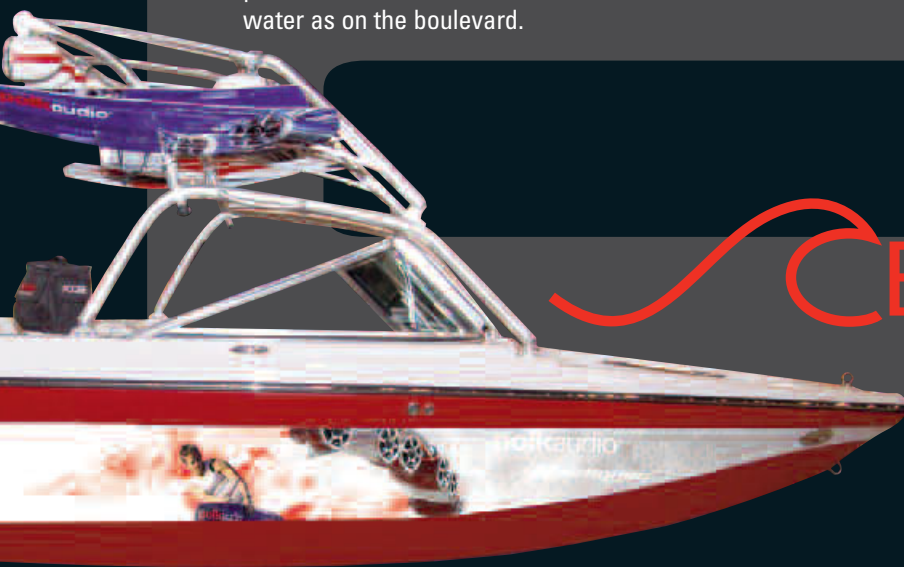


Marine Certified

After we made our db Series products perform superbly in a car, we took them where few speaker components dare go: on the water. Our engineers and designers wanted to put our product to the test, so they subjected everything to the scrutiny of ASTM (American Society for Testing and Materials) to ensure the db speakers performed as well on the water as on the boulevard.

The db Series products were put under a series of grueling accelerated weathering tests to see if they could stand up to the harsh marine environment. We subjected them to hundreds of hours of salt fog, intense Ultra Violet light and temperatures

ranging from minus 40° C (-40° F) to +85° C (+185° F). And guess what? They passed with flying colors. That's what superior materials and engineering get you—supreme reliability on land and sea.



MARINE CERTIFIED



Sea Ray and Correct Craft, two leaders in high quality watercraft, specify and offer Polk products for their boats, testament to the quality and reliability of the db Series.



Wakeboarding photography by Troy Moore.

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component systems

db Series Component Systems

Not content to bring Polk's legendary high performance, high value equation just to coaxials, Polk engineers applied the same winning team to separate component systems too. Choose a 5 1/4" or 6 1/2" system to add championship performance and high style to your ultra-tuned vehicle at a surprisingly affordable price.

Sleek and fast, the db Series satisfies the pros with high performance at reasonable prices. The 2nd Order Butterworth Outboard Component Crossover, with high performance at reasonable prices, is engineered for fiddle-free sound, superb protection and racing-line show-off looks. Hidden wire connections make your install magazine-ready.

Your choice of tweeter mounting options for optimum performance: Surface mounting raises and aims the tweeter to avoid reflection.



Flush mounting secures the tweeter in out-of-the-way places for shallow "stealth" installs, offering you high performance, and the flexibility to enjoy it!



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Features

- 1** Muscular ABS Wheel-Design Grilles based on exclusive MOMO designs.
 - 2** Dynamic Balance® Polymer/Mica Composite Cones are stiff yet lightweight for big sound, small distortion.
 - 3** 1" Liquid-Cooled Silk/ Polymer composite Dome Tweeter with Neodymium magnet for clear, detailed highs.
 - 4** 2nd-Order Butterworth Outboard Crossover for component system sound at a coax price.
 - 5** Vented Crossover Housing with easy-access wire connectors for tight, secure installs every time.
- Three-Level Tweeter Attenuation (-3db, 0db, +3db) is a new db feature for 2007 and lets you dial in the treble balance you prefer.
 - An Electronic Tweeter Protection Circuit protects your tweeters from accidental abuse.
 - Low-Mass 2-Layer Kapton Voice Coil-Kapton's high melting temperature (725°F/400°C!) ensures high power handling and kick-butt reliability.
 - Flush & Surface Swivel Mount Cups are supplied for easy install flexibility.
 - Durable Butyl Rubber Surround won't fall apart under the stress of extreme temperatures, sunlight or time, for years of great Polk sound.

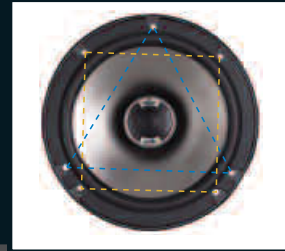




db Series Coaxial & 3-Way Loudspeakers

Most coaxes in this price range only have a simple high-pass capacitor for a crossover, but db Series Coaxial Speakers feature both high and low pass

filters built right in just like the expensive stuff. This delivers the clearest, most natural mid-range and highs of any coax speaker in this class.



Multi-Hole Mounting Pattern and shallow depth—our highest vehicle application ratio for easy drop-in installations in practically any car on the road, including yours.



Durable Butyl Rubber Surround won't fall apart under the stress of extreme temperatures, sunlight or time, for years of great Polk sound.

The db651s features a slim-mount design with short tweeter post for an easy fit behind factory grilles. Supplied Adaptor Rings enable the db651s to fit both 6 1/2" and 6 3/4" applications for everything from domestics to imports, including VWs and Audis, BMWs and other European imports.



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Features

- 1** Muscular ABS Wheel-Design Grilles based on exclusive MOMO designs (except db570, db501, db460 and db351).
- 2** Dynamic Balance® Polymer/Mica Composite Cones are stiff yet lightweight for big sound, small distortion.
- 3** 1" Liquid-Cooled Silk/Polymer composite Dome Tweeter with Neodymium magnet for clear, detailed highs. (db690 6"x9" Model features 1" Tweeter & 3/4" Super-Tweeter. The coax models use 3/4" (19mm) dome tweeters).
- Low-Mass 2-Layer Kapton Voice Coil-Kapton's high melting temperature (725°F/400°C!) ensures high power handling and kick-butt reliability.
- Pole Plate Heat Sink promotes better heat dissipation for superior power handling and reliability.





“H₂O is my
boardroom.
And Polk Audio
db Series rock
my boardroom.”



db Series Subwoofers

The db Series Subs are all about belting out deep, precise, stomach-shaking bass that gets there before you do.

There are six db subwoofer models available in three sizes: 8", 10" and 12" in either single or dual 4 Ohm voice coil.

The db Series subs produce gutsy bass in sealed, ported and bandpass enclosures. No matter how you like your bass, you get the tight, musical loud bass that db is known for.



Features:

- 1 A Polypropylene Cone with rigid ABS dustcap stiffens the cone for greater mechanical stability and lower distortion.
 - 2 Santoprene Surround is impervious to extremes in temperature, humidity and exposure to sunlight for excellent long term reliability.
- Double Venting of the 4-layer Kapton Voice Coil Former, Cone/Coil Coupler and Pole Piece contribute to the high power handling and reliability of the db Series subs.
 - Fire-Retardant Flat NOMEX® Spider allows extended linear motion while providing highly reliable mechanical and thermal stability.
 - As with all Polk Audio subwoofers, the Voice Coil Alignment, Motor and Suspension were optimized using a state-of-the-art Klippel laser analyzer. The result is superior cone travel linearity for flatter response and lower distortion.
 - Available in Single 4 Ohm and Dual 4 Ohm voice coil models.



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The db1222 and db1212 Enclosures

The db1222 and db1212 are big, bad and will blow you away with their apocalyptic bass. When you unleash one of these subwoofers, everyone will know it. And the proof is in our technology.

“The loudest subwoofer enclosure I’ve ever had in my car.”

—Dave MacKinnon, Performance Auto & Sound Magazine

| | |
|-----------------------------|--------|
| Power Handling (Peak) | 750 W |
| Power Handling (Continuous) | 360 W |
| Sensitivity | 100 dB |
| Impedance | 2 Ohms |

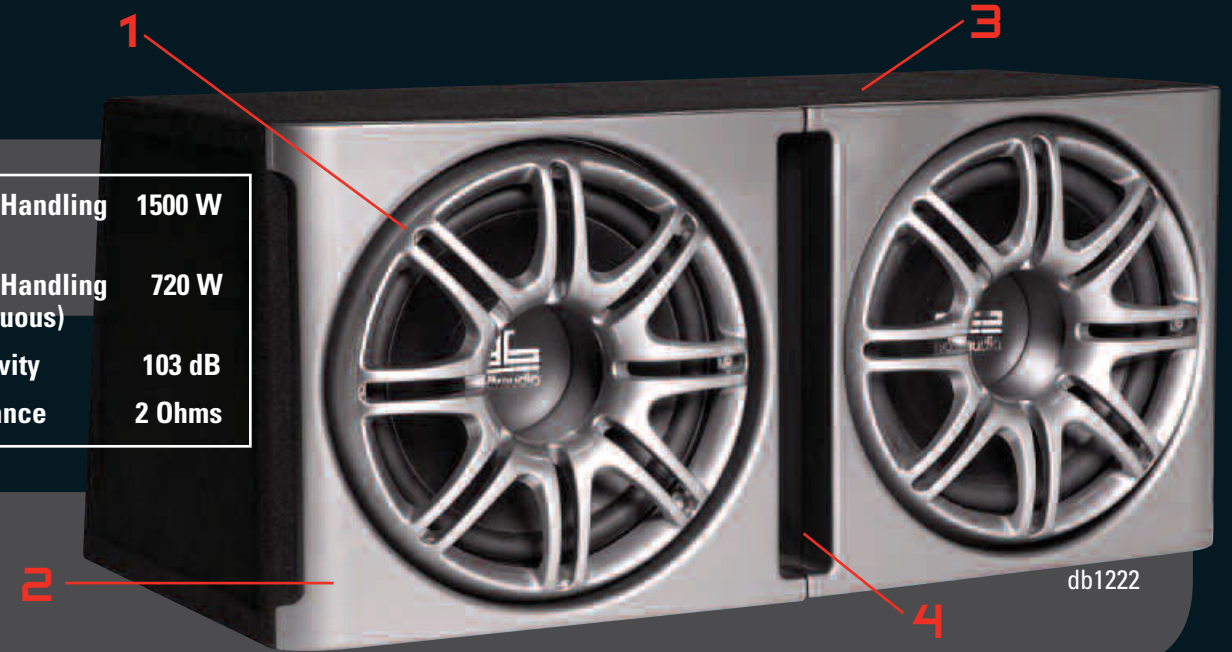


db1212

Features:

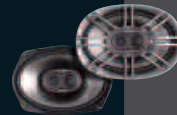
- 1 Wheel-Style Heavy-Duty ABS Grilles protect the drivers from shifting cargo. Grilles and baffle may be painted to match the vehicle’s interior color.
- 2 The Front Baffle is clad in Automotive Grade ABS trim for rigidity and resistance to impact. Elastomeric damping material isolates the ABS trim from the baffle while acting as a sealing gasket for the woofers. This “tri-laminate” sandwich construction prevents unwanted rattles and resonance, ensuring bass that’s as tight as it is powerful.
- 3 Internally Braced 3/4" MDF—the same low resonance material used in the world’s finest speaker enclosures.
- 4 Polk Audio’s Patented Power-Port® Venting Technology reduces air turbulence at the port mouth for higher bass output with vastly lower noise and distortion compared to conventional ports.

| | |
|-----------------------------|--------|
| Power Handling (Peak) | 1500 W |
| Power Handling (Continuous) | 720 W |
| Sensitivity | 103 dB |
| Impedance | 2 Ohms |

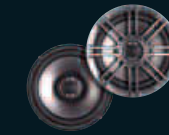


db1222





| | db6501 | db5251 | db1001 | db691 |
|---------------------------|--------------------------------|---------------------------------|--------------------------------|--|
| Type | 6 1/2" component system | 5 1/4" 2-way system | 1" tweeter | 6" x 9" 3-way |
| Driver Complement | 6 1/2" (16 cm) mid/woofer | 5 1/4" (16 cm) mid/woofer | n/a | 6" x 9" (15 cm x 22.9 cm) mid/woofer |
| Tweeter Complement | 1" (25.4 mm) soft dome tweeter | 1" (25.4 mm) soft dome midrange | 1" (25.4 mm) soft dome tweeter | 3/4" (19.1 mm) soft dome tweeter 1" (25.4 mm) soft dome tweeter |
| Mounting Dimensions | 5" (127 mm) | 4 11/16" (119.1 mm) | 2 1/16" (5.24 mm) | 8 1/2" x 5 3/4" (215.9 mm x 146.1 mm) |
| Mounting Depth (top) | 2" (50.8 mm) | 2 5/16" (58.7 mm) | 1 3/16" (30.2 mm) | 3 3/16" (81.0 mm) |
| Mounting Depth (bottom) | 2 5/16" (58.7 mm) | 2 7/16" (61.9 mm) | 1 1/32" (26.2 mm) | 3 3/4" (95.3 mm) |
| Peak Power Handling | 300 W | 200 W | 180 W | 300 W |
| Continuous Power Handling | 100 W | 100 W | 60 W | 100 W |
| Nominal Impedance | 4 Ohms | 4 Ohms | 4 Ohms | 4 Ohms |
| Frequency Response | 40-23 kHz | 53-23 kHz | 4 kHz-23Hz | 35-22 kHz |
| Grille Height | 1 1/16" (27 mm) | 7/8" (22.2 mm) | n/a | 1 1/16" (27 mm) |
| Sensitivity | 92 dB | 89 dB | 92 dB | 93 dB |



| | db651 | db651s | db571 | db521 | db501 |
|---------------------------|----------------------------------|----------------------------------|--|----------------------------------|----------------------------------|
| Type | 6 1/2" coaxial | 6 1/2" slim-mount coaxial | 5" x 7" coaxial | 5 1/4" coaxial | 5" coaxial |
| Driver Complement | 6 1/2" (16 cm) mid/woofer | 6 1/2" (16 cm) mid/woofer | 5" x 7" (12.7 cm x 17.8 cm) mid/woofer | 5 1/4" (13 cm) mid/woofer | 5 1/4" (13 cm) mid/woofer |
| Tweeter Complement | 3/4" (19.1 mm) soft dome tweeter | 3/4" (19.1 mm) soft dome tweeter | 3/4" (19.1 mm) soft dome tweeter | 3/4" (19.1 mm) soft dome tweeter | 3/4" (19.1 mm) soft dome tweeter |
| Mounting Dimensions | 5" (127 mm) | 5" (127 mm) | 7 1/8" x 4 15/16" (181 mm x 125.4 mm) | 4 11/16" (119 mm) | 4" (101.6 mm) |
| Mounting Depth (top) | 2" (50.8 mm) | 2" (50.8 mm) | 2 3/16" (55.6 mm) | 2 5/16" (58.7 mm) | 2 5/16" (58.7 mm) |
| Mounting Depth (bottom) | 2 5/16" (58.7 mm) | 2 5/16" (58.7 mm) | 2 5/8" (66.7 mm) | 2 7/16" (61.9 mm) | 2 7/16" (61.9 mm) |
| Peak Power Handling | 180 W | 180 W | 180 W | 135 W | 135 W |
| Continuous Power Handling | 60 W | 60 W | 60 W | 45 W | 45 W |
| Nominal Impedance | 4 Ohms | 4 Ohms | 4 Ohms | 4 Ohms | 4 Ohms |
| Frequency Response | 40-22 kHz | 40-22 kHz | 52-22 kHz | 60-22 kHz | 60-22 kHz |
| Grille Height | 1 1/16" (27 mm) | 1 1/16" (27 mm) | n/a | 7/8" (22 mm) | n/a |
| Sensitivity | 92 dB | 92 dB | 93 dB | 93 dB | 93 dB |



| | db461 | db461p | db401 | db351 | | db1222 |
|---------------------------|-------------------------------------|--|--------------------------------------|-------------------------------------|---------------------|---|
| Type | 4" x 6" coaxial | 4" x 6" 2-way | 4" coaxial | 3 1/2" coaxial | Type | 12" woofer |
| Driver Complement | 4" x 6" (10.2 cm x 15.2 cm) | 4" x 6" (10.2 cm x 15.2 cm) mid/woofer | 4" (10.2 cm) mid/woofer | 3 1/2" (10.2 cm) mid/woofer | Driver Complement | 2 12" (30.5 cm) |
| Tweeter Complement | 3/4" (19.1 mm) soft dome tweeter | 3/4" (19.1 mm) soft dome tweeter | 3/4" (19.1 mm) soft dome midrange | 3/4" (19.1 mm) soft dome tweeter | Nominal Impedance | 2 Ohms |
| Mounting Dimensions | 4" x 6" (101.6 mm x 152.4 mm) | 4" x 6" (101.6 mm x 152.4 mm) | 4" (102 mm) | 3 1/2" (102 mm) | Frequency Response | 20 Hz-200 kHz |
| Mounting Depth (top) | 1 15/16" (49.3 mm) | 1 15/16" (49.3 mm) | 1 13/16" (46.0 mm) | 1 13/16" (46.0 mm) | Fs (Hz) | n/a |
| Mounting Depth (bottom) | 2" (50.8 mm) | 2" (50.8 mm) | 1 13/16" (46.0 mm) | 1 13/16" (46.0 mm) | Re | n/a |
| Peak Power Handling | 120 W | 120 W | 105 W | 105 W | Le | n/a |
| Continuous Power Handling | 40 W | 40 W | 35 W | 35 W | Qms | n/a |
| Nominal Impedance | 4 Ohms | 4 Ohms | 4 Ohms | 4 Ohms | Qes | n/a |
| Frequency Response | 75-22 kHz | 75-22 kHz | 85-22 kHz | 85-22 kHz | Qts | n/a |
| Grille Height | n/a | n/a | 7/8" (22.2 mm) | n/a | Vas | n/a |
| Sensitivity | 91 dB | 91 dB | 91 dB | 91 dB | SD | n/a |
| | | | | | Peak Power Handling | 1500 W |
| | | | | | Continuous | 720 W |
| | | | | | Power Handling | |
| | | | | | Sensitivity | 103 dB |
| | | | | | Xmax (linear) | n/a |
| | | | | | Voice Coil Diameter | 2" |
| | | | | | Cabinet Dimensions | 14 3/4" H x 17 1/4" W x 18 21/32" D (37.47cm H x 43.82cm W x 43.37cm D) |
| | | | | | Mounting Dimensions | 14 3/4" H x 17 1/4" W x 18 21/32" D (37.47cm H x 43.82cm W x 43.37cm D) |
| | | | | | Mounting Depth | n/a |
| | | | | | (top) | |
| | | | | | Mounting Depth | n/a |
| | | | | | (bottom) | |

| | db1212 | db1240DVC | db1240 | db1040DVC | db1040 | db840DVC | db840 |
|-------------------------|---|--|--|---|---|---|---|
| Type | 12" woofer | 12" woofer | 12" woofer | 10" woofer | 10" woofer | 8" woofer | 8" woofer |
| Driver Complement | 12" (30.5 cm) | 12" (30.5 cm) | 12" (30.5 cm) | 10" (25.4 cm) | 10" (25.4 cm) | 8" (20.3 cm) | 8" (20.3 cm) |
| Nominal Impedance | 2 Ohms | Dual 4 Ohms | 4 Ohms | Dual 4 Ohms | 4 Ohms | Dual 4 Ohms | 4 Ohms |
| Frequency Response | 20 Hz-200 kHz | 27-200 kHz | 27-200 kHz | 28-200 kHz | 28-200 kHz | 30-200 kHz | 30-200 kHz |
| Fs (Hz) | n/a | 32Hz | 31Hz | 37Hz | 37Hz | 47Hz | 47Hz |
| Re | n/a | 3.25 Ohms/coil | 3.25 Ohms | 3.25 Ohms/coil | 3.25 Ohm | 3.25 Ohms/coil | 3.25 Ohms |
| Le | n/a | 2.75mH | 1.80mH | 2.75mH | 1.85mH | 2.47mH | 1.11mH |
| Qms | n/a | 5.60 | 6.1 | 6.07 | 7.0 | 12.11 | 7.5 |
| Qes | n/a | 0.55 | 0.47 | 0.57 | 0.62 | 0.61 | 0.67 |
| Qts | n/a | 0.50 | 0.44 | 0.52 | 0.57 | 0.61 | 0.61 |
| Vas | n/a | 2.22ft ³ (62.78L) | 2.22ft ³ (62.78L) | 0.85ft ³ (24.0L) | 0.85ft ³ (24.0L) | 0.45ft ³ (12.68L) | 0.42ft ³ (11.95L) |
| SD | n/a | 80.6in ² (520cm ²) | 80.6in ² (520cm ²) | 54.25in ² (350cm ²) | 54.25in ² (350cm ²) | 35.65in ² (230cm ²) | 35.65in ² (230cm ²) |
| Peak Power Handling | 750 W | 720 W | 720 W | 540 W | 540 W | 360 W | 360 W |
| Continuous Power Hand. | 360 W | 360 W | 360 W | 270 W | 270 W | 180 W | 180 W |
| Sensitivity | 100 dB | 88 dB/series | 88 dB | 86 dB/series | 86 dB | 85 dB/series | 85 dB |
| Xmax (linear) | n/a | 0.35" (6.1mm) | 0.30" (7.5mm) | 0.35" (6.1mm) | 0.30" (7.5mm) | 0.24" (6.1mm) | 0.24" (6.1mm) |
| Voice Coil Diameter | 2" (50.8mm) | 2" (50.8mm) | 2" (50.8mm) | 2" (50.8mm) | 2" (50.8mm) | 1.5" (38.1mm) | 1.5" (38.1mm) |
| Cabinet Dimensions | 14 3/4" H x 32 1/2" W x 18 31/64" D (37.47cm H x 82.55cm W x 46.95cm D) | n/a | n/a | n/a | n/a | n/a | n/a |
| Mounting Dimensions | 14 3/4" H x 32 1/2" W x 18 31/64" D (37.47cm H x 82.55cm W x 46.95cm D) | 11" (279.4 mm) | 11" (279.4 mm) | 9 1/16" (230.2 mm) | 9 1/16" (230.2 mm) | 7 1/16" (179.4 mm) | 7 1/16" (179.4 mm) |
| Mounting Depth (top) | n/a | 6" (152.4mm) | 6" (152.4mm) | 5 1/2" (138.9 mm) | 5 1/2" (139.7 mm) | 4" (100 mm) | 4" (100 mm) |
| Mounting Depth (bottom) | n/a | 6 3/4" (171.4 mm) | 6 3/4" (171.4 mm) | 6 1/4" (158.2 mm) | 6 1/4" (158.8 mm) | 4 9/16" (115.8 mm) | 4 9/16" (115.8 mm) |
| Optional Accessories | n/a | Grille G12 | Grille G12 | Grille G10 | Grille G10 | Grille G8 | Grille G8 |

