

Power Series®

Full-Range Speakers



Key Specifications

	P462	P562	P6562	P963	P560C	P6560C	P6563C
Woofer Size:	100mm	130mm	165mm	6" x 9"	130mm	165mm	87mm/ 165mm
Type of System:	2-Way Coaxial	2-Way Coaxial	2-Way Coaxial	3-Way Coaxial	2-Way Component	2-Way Component	3-Way Component
Power Handling (RMS):	50W	55W	75W	110W	75W	90W	90W
Power Handling (Peak):	150W	165W	225W	330W	225W	270W	270W
Nominal Impedance:	2 Ohms	2 Ohms	2 Ohms				
Crossover Type:	Outboard	Outboard	Outboard	Outboard	Outboard	Outboard	Outboard
UniPivot™ Rotating Tweeter:	No	Yes	Yes	No	No	No	No
Tweeter Level Control (0/-3dB):	No	Yes	Yes	Yes	No	No	No
Tweeter Level Control (0/-6dB):	No	No	No	No	Yes	Yes	Yes
Midrange Level Control (0/-3dB):	No	No	No	No	No	No	Yes
Tweeter Protection (PTC):	No	No	No	Yes	Yes	Yes	Yes
Sensitivity (2,83V @ 1m):	91dB	92dB	93dB	96dB	92dB	94dB	94dB
Frequency Response:	75Hz – 23kHz	55Hz – 23kHz	45Hz – 23kHz	35Hz – 23kHz	55Hz – 23kHz	45Hz – 23kHz	45Hz – 23kHz
Woofer Mounting Depth:	48mm	53mm	61mm	82mm	53mm	63mm	37mm/ 63mm

Highlights

- Classic and elegant appearance
- Low-distortion woofer design
- High-bandwidth, edge-driven textile-dome tweeters
- Outboard crossovers with direct-connect terminals
- Plus One® honeycomb-laminate (HCL™) woofer cones
- Improved efficiency with 2-ohm impedance

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FEATURES

Significantly Improved Sound Quality

- New Power Series® features all-new textile-dome tweeters with soft roll-off at 23kHz. The woofer performance has been optimized for low-frequency extension and minimum distortion.

More SPL

- In addition to better sound quality, the new woofer design also offers far higher SPL and better suspension symmetry than the previous generation. On the 6.5" component system, X_{max} is now up to 5mm one-way vs. 3mm on previous models.

Higher Efficiency

- Like current GTO models these speakers feature reduced impedance of 2 ohms for increased efficiency, while maintaining full compatibility with 4-ohm amplifier output stages, as on standard head units.

Tweeter Level Control

- Most models feature a switch to reduce tweeter output level, to match personal listening preference, or different mounting locations (not on P462).

UniPivot™ Rotating Tweeter

- 130mm and 165mm coaxial models feature a tweeter that is mounted on a 15° angle and can be rotated nearly 360° to point at the listening position, for better high-frequency response.

Outboard Crossover Networks

- All Power speakers come with external crossovers. The component system networks feature in-line polypropylene caps and low-insertion-loss air-core inductors. The boxes are tied to the speaker for easy installation. Oversized Direct-Connect terminals ensure perfect connectivity for bare speaker wires.

Plus One® Honeycomb-Laminate (HCL™) Woofer Cones

- This material combines extreme stiffness with low weight, to optimize efficiency and cone distortion.

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