

6.5" 2-Way Component System

The D is a result of Pioneer's automotive loudspeaker engineering experience and expertise, combining advanced design techniques with highly developed manufacturing capabilities. Following Pioneer's OPEN & SMOOTH sound concept, the D series of automotive loud speakers provides broad and balanced frequency response with a wide sound stage, ambience and amazing fidelity for the listener.

26mm Polyester Soft Dome Tweeter

Contoured from lightweight, resin-impregnated fibers of coated polyester fabric, the D tweeter delivers extended high frequency performance. The 26mm diaphragm is extremely resistant to the harsh environmental conditions of the automotive interior (temperature, humidity, vibration, etc.), while maintaining its uniform hemispherical shape to reduce dome breakup due to excessive vibration at ultrasonic frequencies. The result is exceptionally low distortion levels and a smooth, natural sound.

Aramid Fiber Interlaced Injection Molded Polypropylene (IMPP)

Polypropylene (PP) is a tough thermoplastic resin, ideal material for a speaker cone. The low mass and high damping of a PP cone generate good sensitivity and low distortion. However, polypropylene cones lack the rigidity and strength required for high output and extreme low bass. To resolve this, Pioneer engineers used advanced Computer-Aided Manufacturing to develop a process to blend aramid fibers into the polypropylene resin during the injection molding process. The resulting aramid fiber interlaced IMPP cone is ultra-thin and low mass with high rigidity and superior strength, built to produce natural, detailed sound with deep and powerful bass.

Compact Swivel Tweeter with Tri-Position Mounting Kit

The D component speakers utilize the same unique swivel mount as the Z component speakers to ensure optimal tweeter placement and a superior listening experience.

The D full range speakers are designed with a universal woofer basket to expand installation flexibility for maximum bass and sound quality.

General	
GRADE	D Series
Size	16.5 cm (6.5")
Maximum Music Power	270 W
RMS	90 W
Frequency Response	32 Hz to 49 kHz
Sensitivity (1W / 1m)	84 dB
Impedance	4Ω
Mounting Depth	65 mm
Cut-Out Dimensions	ø 144 mm
Crossover Frequency	3,000 Hz