

AMPLIFIERS

PDX Series Digital Power Density Amplifiers

Winner of a CES Innovations 2010 Design and Engineering Award for the In-Vehicle Audio category, Alpine's next-generation PDX amplifier series is designed and engineered for ultimate sound quality, power performance and reliability. The new cosmetics offer an attractive, compact package that is 20 percent thinner than the first generation. The PDX's compact chassis is easy to fit in tight spaces, such as under the seat. The PDX amplifiers also are stackable, allowing for a large multi-amplifier system to be installed in a tight space.

The new PDX amplifiers incorporate a completely new power supply design with sophisticated thermal and voltage protection, low noise and high efficiency. This power supply does its work efficiently too, averaging above 90 percent efficiency at all power levels. The thermal protection circuit constantly monitors internal amplifier temperature, reducing power when necessary to keep the music playing under extreme heat and load conditions. It also can roll back power when battery voltage drops significantly under load, again preventing shutdowns under extreme conditions.

The new PDX amplifiers integrate parallel globally modulated analog feedback to maximize sonic quality. This new design results in an extremely wide, flat frequency response with ultra-low noise and distortion. The new PDX amplifiers provide superior sound quality, with extremely low distortion levels (less than 0.01 percent), very low noise (greater than 120dB at full rated power), and noticeably wide bandwidth (5Hz – 100kHz for the 4-channel models, 5Hz – 400Hz for the 5-channel model).

PDX amplifiers have an extremely high damping factor, more than 1000 for the mono models (PDX-M12 and PDX-M6) and more than 500 for the 4-channel models (PDX-F6 and PDX-F4) –twice that of the closest competitor and more than four times the class average, giving outstanding speaker control and linearity.

The PDX series is designed for easy flush installation in any custom set up. New quick-release connectors are used for both the speaker outputs and the power leads for fast installation and troubleshooting. The sleek design doesn't compromise functionality either, with all controls and connections easily accessible. The removable trim rings can be custom painted to match unique color schemes.



| | | |
|----------------|--------------------------------|-------------|
| PDX-M12 | 1200W RMS x 1 @ 1Ω/2Ω/4Ω | EA \$849.95 |
| PDX-M6 | 600W RMS x 1 @ 1Ω/2Ω/4Ω | EA \$499.95 |
| PDX-F6 | 150W RMS x 4 @ 2Ω/4Ω | EA \$749.95 |
| PDX-F4 | 100W RMS x 4 @ 2Ω/4Ω | EA \$499.95 |
| PDX-5 | 75W RMS x 4 + 300W x 1 @ 2Ω/4Ω | EA \$599.95 |
| RUXKNOB | Remote Bass Knob For PDXM6/12 | EA \$29.95 |

V-Power Amplifiers

This best selling family of amplifiers offers more choices for building the right system for you, and provides flexibility and value in an aggressive design.

High Performance, High Value

Want serious power for your system? While trying not to blow your budget? Go with one of the Alpine V-Power amps for unbeatable dollar-per-watt value and Alpine quality sound, along with Bass EQ for maximizing bass performance.

Clean, Efficient Power

Alpine's high-power mono amp Class-D design gives you more power, cleaner signal and tighter, deeper bass without draining your battery. Class-D provides continuous clean power to your speakers, operating at 80% efficiency far greater than conventional Class-A or B amplifiers. Translation: Enjoy cleaner bass, even during extreme power demands.

Exceptionally Easy Upgrade

The V-Power's speaker level inputs connect directly to any head unit, without the need for external converters. This makes the V-Power series ideal for upgrading factory audio equipment. High-level speaker inputs and flush mount controls make for easy installation. The units come with end caps that cover and protect your wiring connections while creating a clean, finished appearance.

Cooler Amps = No Shut Down

Rugged heat sinks and an extremely sophisticated thermal management processor that continuously monitors the amp's temperature, ensure nonstop output and stable, reliable performance.



| | | |
|------------------|----------------------------|-------------|
| MRP-M2000 | 2000W RMS x 1 @ 2Ω / 14.4v | EA \$699.95 |
| MRP-M1000 | 1000W RMS x 1 @ 2Ω / 14.4v | EA \$399.95 |
| MRP-M500 | 500W RMS x 1 @ 2Ω / 14.4v | EA \$199.95 |
| MRP-F300 | 75W RMS x 4 @ 2Ω / 14.4v | EA \$199.95 |