

## Alpine MRP-F300 4 Channel Amplifier (MRP-F300)



Model : MRP-F300

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Manufacturer : Alpine

Alpine MRP-F300 4 Channel Power Amplifier (MRP-F300)

The Alpine MRP-F300 4 Channel Amp offers the Best Dollar-Per-Watt performance

- The Perfect Upgrade Choice
- Sleek Aggressive Design Power up your system with Alpines 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. Alpine continues to bring you mind-blowing sound performance ? only the best - so you get the sound you deserve. High Performance, High ValueWant 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 PowerAlpine?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 UpgradeThe 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. Step up your factory system to Alpine sound. Cooler Amps = No Shut DownRugged heat sinks and an extremely sophisticated thermal management processor that continuously monitors the amp?s temperature, ensure nonstop output and stable, reliable performance.

FEATURESInstall

- Terminal Layout: Two-Sided
- Screw Mount / Wire Cover: Integrated Wire and Mounting Screw TerminalsGeneral

- Amplifier Type: Class-A/B
- Channel Design: 4/3/2 Channel
- Thermal Control: Thermal Management Control
- Power Supply: DC-DC PWM Power Supply
- Power Supply Design: MOSFET Power
- Board Circuitry: STAR Circuitry
- Current Protection: Over-Current, Over-Voltage and Thermal Protection
- Power Indicator: Top Mounted Blue LED Power Indicator

## Alpine MRP-F300 4 Channel Amplifier (MRP-F300)

- RCA Output: Gold Plated RCA Input Connectors
  - Speaker-Level Inputs: Speaker Level Inputs
  - Crossover: Adjustable Low-Pass/High-Pass
  - Connector Plating: Gold Plated Input, Output, Power and Speaker Terminals
  - Pre-Amp Stage: Discrete
  - Final Outputs: Non-Fading Pre-Amp Output
  - Board Design: Dual Sided Glass Epoxy PC Board
  - Gain Control: Continuously Adjustable Gain Control
- SPECIFICATIONS

CEA-2006 Power Rating: (4 I? @ 14.4V &#391;% THD+N, S/N: 80dBA, ref:1W into 4 I?) 50W x 4

RMS Power Ratings

- Per channel into 4 Ohms: (@ 14.4V &#391;%THD+N, 20Hz - 20kHz) 50W x 4
- Per channel into 2 Ohms: (@ 14.4V &#391;%THD+N, 20Hz - 20kHz) 75W x 4
- Bridged 4 Ohms: (@ 14.4V &#391;%THD+N, 20Hz - 20kHz) 150W x 2

Sound Tuning

- Crossover: 50Hz-400Hz, -12dB/oct. (Low-Pass/High-Pass)
- EQ (Equalizer): Bass EQ (Fixed Frequency): 50Hz +12dB
- Subsonic Filter: 15Hz (Fixed), -18dB/oct.

Dimensions

- Foot Print (WxHxD) mm: 270mm x 60mm x 242mm
- Foot Print (WxHxD) in: 10-15/16" x 2-23/64" x 9-27/32"
- Heat Sink (WxHxD) mm: 210mm x 60mm x 242mm
- Heat Sink (WxHxD) in: 8-17/64" x 2-23/64" x 9-33/64"

General

- Power Requirements: 14.4V DC (11V to 16V)
- Input Sensitivity: 0.2 - 4.0V
- Frequency Response: 20 -20kHz (0, -1dB)
- Speaker Impedance: 4 or 2 I?
- Signal to Noise: 100dBA

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Gibbys Audio Video