

Ashly ne4250pe 4 x 250W/4 Ohms Network Power Amplifier with 4x4 Protea DSP

| Front Panel | | |
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| Controls | Individual input attenuators, AC Power Switch | |
| Cooling | Temp dependent speed-controlled fan (Side-in, Front-out) | |
| LED Indicators: Unit Status | | |
| POWER | Blue | Switch: On, Off |
| STANDBY | Yellow | Standby, flashing |
| PROTECT | Red | On, Off |
| DISABLE | Yellow | On, Off |
| COM | Green | On, for Ethernet data or Device ID |
| LED Indicators: Each Channel | | |
| SIGNAL LEVEL | Red / Clip | |
| | Yellow / -6dB | |
| | Green / -18dB, -12dB | |
| BRIDGE | Green | Per Channel Pair |
| TEMP | Yellow | Per Channel |
| CURRENT | Green | Per Channel: Proportional to output |
| ne Models | ne4250 | ne8250 |
| Channels | 4 | 8 |
| Continuous Average Power Output: Per Channel, Low I models, Stereo Mode, All Channels Driven | | |
| 8 Ohms | 150W | 150W |
| 4 Ohms | 250W | 250W |
| Low I Output: Bridge Mode, All Channels Driven | | |
| 8 Ohms | 500W | 500W |
| 25V, 70V, 100V Distributed Output Models: 20Hz-20kHz 1% THD | | |
| 25V(per channel) | 250W | 250W |
| 70V (per channel) | 250W | 250W |
| 100V (per channel) | 250W | 250W |
| Line Current Draw: 120VAC Mains (divide in half for 230V) | | |
| Standby Mode | 190mA | 290mA |
| Idle (no signal) | 540mA | 565mA |
| Typical (1/8 power pink noise) | 2.85A | 5.00A |
| Maximum (1/3 power pink noise) | 6.00A | 11.0A |
| Thermal Dissipation: BTU/hr, All Channels Driven | | |
| Standby mode | 46,7 | 63,8 |
| Idle (no signal) | 123 | 187 |
| Typical (1/8 power pink noise) | 341 | 700 |
| Maximum (1/3 power pink noise) | 378 | 775 |

| Specifications Note: OdBu=0.775 VRMS | |
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| Frequency Response | 20Hz-20kHz, (unweighted) ± 1 dB |
| Input Impedance | 20k Ohms, Balanced |
| Voltage Gain | 26dB (Low-Z), 32dB (70V), 35dB (100V) |
| Input Sensitivity | 6.2dBu (Low-Z), 4.2dBu (25V), 7.2dBu (70V), 7.2dBu (100V) |
| Maximum Input Level | +21dBu |
| Software Contolled Internal HPF (25V, 70V, 100V models) | 80Hz (12dB/oct), 400Hz (6dB oct), OFF |
| Signal to Noise (20-20k, Unweighted) | >107db (2450) >107dB (8250) |
| Distortion (8 Ohm load) | *(SMPTE) <0.5% typical Δ (THD-N) <0.5% typical (20Hz-20kHz) |
| Damping Factor (8 Ohms, 1kHz) | >250 |
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| Output Circuitry | Class D |
| Amplifier/Load Protection | Output Overcurrent, Main Supply Rail Overvoltage, Chassis Temperature, Inrush Limiting, Mains Fuse |
| Rear Panel | |
| Controls | Ethernet, Channel bridge switch (Low-Z only), Remote standby, Preset recall (4), Remote Level (8), Remote Data |
| Connectors (each channel) | Input: Euroblock Output: Euroblock |
| Power Requirements | |
| AC Main | 120VAC or 240VAC \pm 10% (factory set), 50-60Hz |
| Power Cable Connector | 15A Edison, 3-Prong IEC |
| Weights and Dimensions | |
| Dimensions | 19" W x 3.50" H x 16.84" D (483mm x 89mm x 428mm) |
| Airflow | IN through sides, OUT through front |
| Unit Weight | 4250: 23 lbs (10.4 kg) 8250: 24.7 lbs (11.2 kg) |
| Shipping Weight | 4250: 29.1 lbs (13.2 kg) 8250: 30.8 lbs (13.9 kg) |
| Environmental | 40-120° F, (4-49° C) noncondensing |
| Safety/Compliance | cTUVus, CE, FCC, RoHS |