

# Ashly ne4250.25 4 x 250W/25V Network Power Amplifier/Constant Voltage with Selectable High-Pass Filter

| Front Panel  |  |                                     |
|--|--|-------------------------------------|
| 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  | <b>ne4250</b>  | <b>ne8250</b>                       |
| 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   |  |                                     |
| Frequency Response   | 20Hz-20kHz, (unweighted) $\pm 1$ 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 $\Delta$ (THD-N) <0.5% typical (20Hz-20kHz) |                                     |

|                               |  |
|-------------------------------|--|
| Damping Factor (8 Ohms, 1kHz) | >250   |
| Output Circuitry              | Class D  |
| Amplifier/Load Protection     | Output Overcurrent, Main Supply Rail Overvoltage, Chassis Temperature, Inrush Limiting, Mains Fuse             |
| <b>Rear Panel</b>             |  |
| 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   |
| <b>Power Requirements</b>     |  |
| AC Main                       | 120VAC or 240VAC $\pm$ 10% (factory set), 50-60Hz  |
| Power Cable Connector         | 15A Edison, 3-Prong IEC  |
| <b>Weights and Dimensions</b> |  |
| 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  |