



## Description

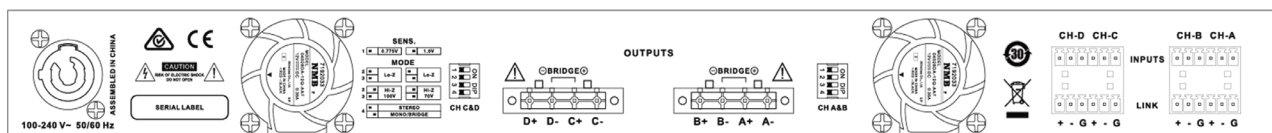
The C4250 offers a flexible amplifier solution for commercial installations. 4 x 250W at 8ohm also supports 4ohm, 2ohm and/or 4 x 425W at 100V. Channel 1&2 and 3&4 are paired with Low or Hi-Z configuration. eg Channel 1&2 can be Low-Z with Channel 3&4 being Hi-Z. Phoenix connectors for input, link and outputs.

## Features

- High efficiency and low operating cost - Switch mode, wide-range power supply (90–260 VAC, 50/60 Hz)
- Temperature-controlled fan for quiet operation - Limiting and fault indication - Balanced input
- Stereo, parallel and bridge low-impedance modes NB: Bridge not available in 100/70V
- 100V and 70V constant-voltage high-impedance modes - Undervoltage protection
- Temperature-controlled power management with protection indicators
- Overload protection for uninterrupted audio output - DC protection on amplifier output

## Specifications

|                               |                                                                                                                |
|-------------------------------|----------------------------------------------------------------------------------------------------------------|
| <b>8Ω /Stereo</b>             | 4x250W                                                                                                         |
| <b>4Ω /Stereo</b>             | 4x425W                                                                                                         |
| <b>2Ω /Stereo</b>             | 4x720W                                                                                                         |
| <b>16Ω /Bridge</b>            | 2x500W                                                                                                         |
| <b>8Ω /Bridge</b>             | 2x850W                                                                                                         |
| <b>4Ω /Bridge</b>             | 2x1440W                                                                                                        |
| <b>100V Hi-Z</b>              | 4x425W                                                                                                         |
| <b>70V Hi-Z</b>               | 4x250W                                                                                                         |
| <b>Input Sensitivity</b>      | Selectable: 0.775Vrms, 1Vrms (Rated output Power, 1kHz)                                                        |
| <b>THD+N</b>                  | Typical: 0.05%(10% Rated Power, 1kHz)                                                                          |
| <b>Crosstalk</b>              | ≥90dB(20Hz-1kHz,below Rated Power)                                                                             |
| <b>Frequency Response</b>     | Typical: ±0.5dB(10% Rated Power,20 Hz-20 kHz, Lo-Z,8Ω)<br>Typical: ±3.0dB(10% Rated Power,100 Hz-16 kHz, Hi-Z) |
| <b>Input Impedance</b>        | 20kΩ(Balance), 10kΩ(Unbalance)                                                                                 |
| <b>Damp Factor</b>            | Typical: 300(20Hz-200Hz, Lo-Z, 8Ω)                                                                             |
| <b>SNR</b>                    | ≥100dB(A weighted)                                                                                             |
| <b>Main Power</b>             | 100-240 VAC ±10%,50/60 Hz                                                                                      |
| <b>Protection</b>             | Under Voltage, DC, Over Temperature                                                                            |
| <b>Limiter</b>                | Over Temperature, Overload, Short                                                                              |
| <b>Dimensions (W x H x D)</b> | 483x45x370mm(W×H×D)                                                                                            |
| <b>Net Weight</b>             | 8kg                                                                                                            |



C4250