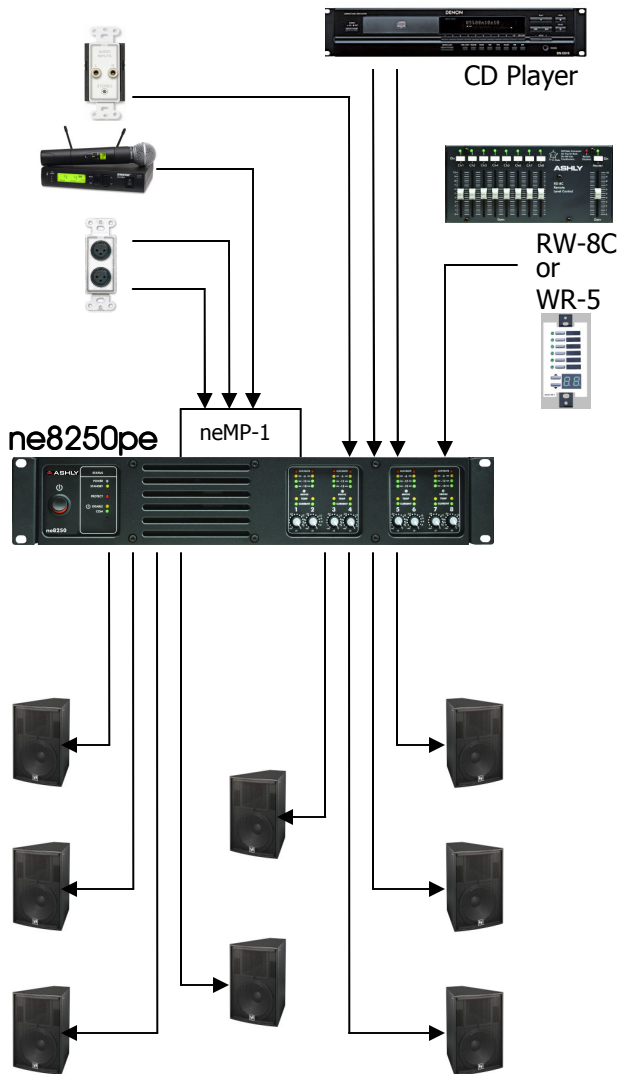


# NE Series

## Gymnasium Application

ne8250pem

September 2009



### Features:

- Eight Channel Power Amplifier
- Ethernet control is standard
- Extensive DSP available (pe) option
- Easy and intuitive user interface
- Extensive protection circuitry
- Microphone Preamps x 4 (m) option
- Input Mix Matrix  
sum stereo inputs to mono
- Remote Level Control
- Remote Power On/Off  
Disable power switch
- Euroblock Inputs/Outputs

Creating and controlling a gymnasium sound system has now been simplified with Ashly's NE-Series multi-channel power amplifier. This application uses the **ne8250pem**, an eight-channel power amplifier with the factory installed Protea Enabled (pe) DSP processor. Processing blocks include Equalization, High-, Low- and All-Pass Filters (HPF/LPF/APF), Delay, compressor/Limiter, Gate, Ducking, Auto-leveler, Gain and Signal Generators (sinewave, white and pink noise). A full Matrix Mixer with assignable routing allows any input to drive any or all amplifier outputs. Presets can be used to store and retrieve user configurations. Adding the neMP-1 mic pre module (m) eliminates the need for a separate mixer-preamp.

Connected directly to the **ne8250pem** inputs are two wired microphone wall jacks, a handheld wireless microphone, a wall input for aux sound sources (MP3, radio, aux mixer, etc) and a rack-mounted CD player. Input eq and compressors are set specifically for the individual inputs. Microphones have the bass rolled off and music has the bass "pumped up". The internal matrix sums all inputs and routes them to all outputs. Each output has dedicated eq and limiter protection applied. 150W will be available on each speaker. The RDW8C wall remote provides user adjustments for microphone and/or playback levels.

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