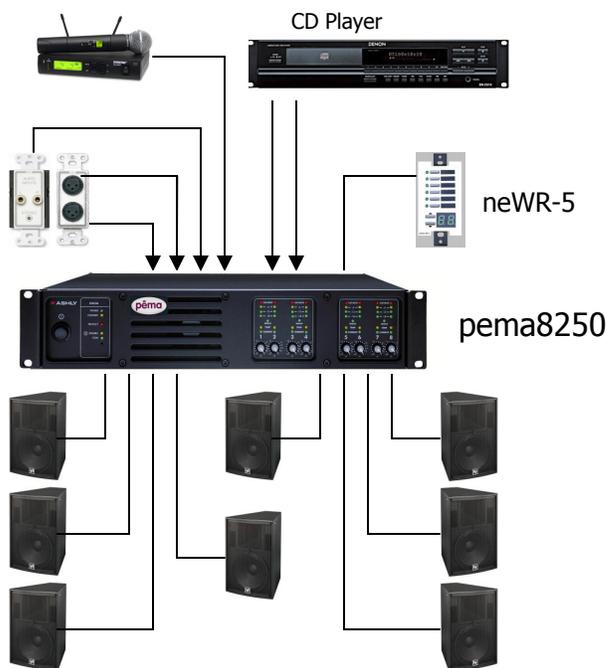
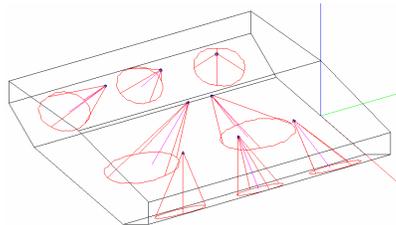


Ashly's PEMA™ has the features that let Systems Integrators replace a rack of amplifiers and signal processing equipment with a single two-rack unit. The combination of a 4 or 8-channel amplifier, 8-in x 8-out sophisticated matrix mixing, and DSP signal processing brings a new level of technology and innovation to Restaurants, Retail Stores, liturgical Churches, School Gymnasiums/Cafeteriums and Courtrooms. Systems designers can select either 125W or 250W output units that are a perfect fit for your project based on ceiling height, loudspeaker sensitivity and ceiling speaker density.



Gymnasium in a Box

- Eight Mic/Line Inputs
EQ / Compressor
- Input Mix Matrix
Gain-Sharing Automatic Mixing
Automatic Feedback Suppression
Stereo summed to mono
- Eight Channel Power Amplifier
EQ / Limiter
Ambient Noise Control
150W into 8 ohms per channel
- Ethernet control is standard
- Extensive protection circuitry
- neWR-5
Simple wall remote control
Select input(s)
Adjust input levels
- Remote Power On/Off
Disable power switch

Creating and controlling a gymnasium sound system has now been simplified with Ashly's PEMA™ Series multi-channel power amplifier. This application uses the pema8250, an 8 channel power amplifier with an 8 x 8 mic/line matrix mixer and DSP on all inputs and outputs. Processing blocks include Gain-Sharing Automatic Mixing, Automatic Feedback Suppression, Stereo-Summed-to-Mono, Ambient Noise Control, Equalization, High-, Low- and All-Pass Filters (HPF/LPF/APF), Delay, Compressor/Limiter, Gate, Ducking, Gain and Signal Generators (sinewave, white and pink noise). The full Matrix Mixer with assignable routing allows any input to drive any or all amplifier outputs. Presets can be used to store and retrieve system configurations.

Connected directly to the pema8250 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 (copy & paste!). 150W will be available on each speaker. The neWR-5 wall remote provides user adjustments for microphone levels, music playback levels and system preset (turn visitor's speakers off/on).

Visit www.ashly.com to download Protea software and data sheets