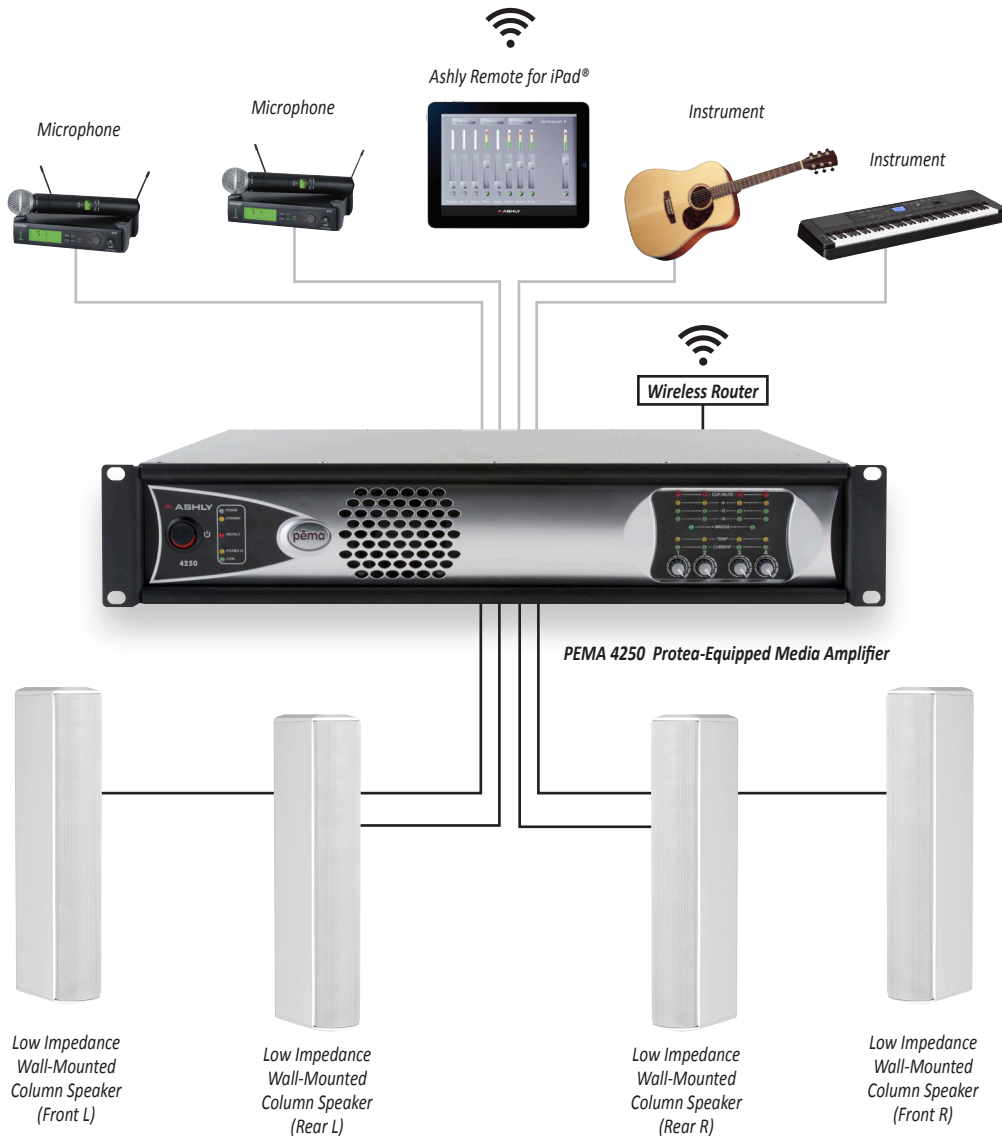




Simple, 4-Input System (House of Worship, 150–300 Seats)



All-in-One Audio Solution

Controlling a church service sound environment has now been simplified with Ashly's PEMA™ Series multi-channel power amplifier. 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 simplicity. 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.

This application uses the Pema4250, a 4 channel power amplifier with an 8 input 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.

Pema4250 has preamps/inputs adept at managing microphones and instruments. Input eq and compressors are set specifically for the individual inputs. The internal matrix sums inputs and routes them to the correct outputs. All outputs have dedicated eq and limiter protection applied.

Power Amplification w/ Mic Mixing and DSP

- **Four Mic/Line Inputs**
 - EQ / Compressor
- **Input Mix Matrix**
 - EQ / Delay / Limiter
 - Feedback Suppressor
 - Ambient Noise Control
 - Ducking
- **Four Channel Power Amplifier**
 - EQ / Delay / Limiter
 - 250W / 70V per channel
 - Ethernet control is standard
 - Extensive protection circuitry
- **Remote Power On/Off**
 - Disable power switch

Remote Control via iPad®

Design your own custom remote interface with Ashly Remote for iPad. (iPad not included.)

Each interface you design gives you custom control of your Ashly products—all from one place. Build your remote interface to fit a specific installation by adding components specific to your system with faders with text labels, toggles, etc.

The following control functions are available, along with read-back labels for displaying status during use: Preset, Recall Gain, Attenuation Control, Mute Control, AB Source Select, Logic output, Meter, Amplifier Standby, to name a few.