



All-in-One Audio Solution

Creating and controlling a small, multi-purpose auditorium system has now been simplified with Ashly's PEMA—a 4-Channel Protea-Equipped Media Amplifier.

This application uses one **PEMA4250**, with 250 Watts per channel and factory installed Protea-Enabled Protea DSP processing built in.

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. Connected directly to the PEMA4250 inputs are two combination wireless microphone systems for presenters (another option would be a stereo mixer).

Microphones are routed to all speakers and input EQ/compressors are set accordingly. Signal processing for video playback is also connected to the PEMA4250. The internal matrix routes the inputs as needed and each output has crossover, EQ and limiter protection applied.

Power Amplification w/ Mic Mixing and DSP

- 4-Channel Power Amplifier
- Ethernet control is standard
- Extensive DSP is standard
- Easy and intuitive user interface
- Extensive protection circuitry
- Input Mix Matrix
 - sum stereo inputs to mono
- Remote Level / Preset Control
- Remote Power On/Off
 - Disable power switch
- Euroblock Inputs/Outputs

Intuitive Remote Control

Venue managers have level control of all inputs **Ashly Remote for iPad**. AV playback can have boom/sizzle. Unattended microphone inputs are seamlessly mixed using gain-sharing automatic mixing. (iPad not included.)

A **WR-5 wall remote** provides the preset scene selection for the bar area and individual level adjustments for each output.