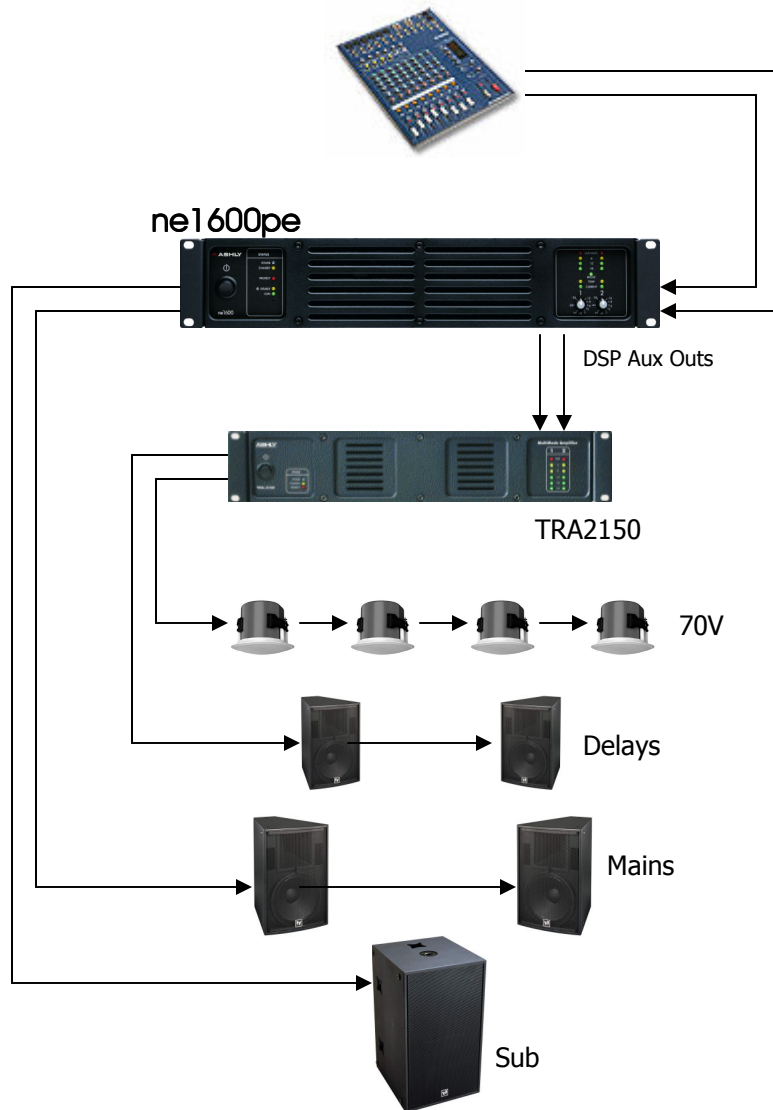


NE Series Two-Channel Amplifiers

Small Church Application

ne1600pe

September 2009



Features:

- Two Channel Power Amplifier
- Ethernet control is standard
- Extensive DSP available
sum stereo input to mono
subwoofer crossover
eq as needed
- Easy and intuitive user interface
- Extensive protection circuitry
- Two Aux Outs with DSP
eq and delay as needed
- Remote Level Control
- Remote Power On/Off
Disable power switch
- Euroblock Inputs/Outputs

Creating and controlling a small church system has now been simplified with Ashly's NE-Series two-channel power amplifier. This application uses the **ne1600pe**, a two-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). Two Aux outputs are included with the DSP processor. Presets can be used to store and retrieve user configurations.

A stereo console is connected directly to the **ne1600pe** inputs. The stereo input is summed to mono. One amp output is configured for the mains with a high-pass crossover filter and the other with a low-pass filter for the subwoofer. Each Aux output is configured as needed and routed to a TRA2150 power amplifier. Power available in this configuration will be; 400W for each mains speaker, 800W for the 4 ohm subwoofer, 75W for each delay speaker, and 150W for 70V distribution.

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