The Labworks PA-1519 Linear Power Amplifier is a high quality, air-cooled, direct-coupled audio amplifier primarily intended for use with small vibration systems. To insure long term reliability, PA-151 Amplifiers come equipped with protection from both over current and over temperature. External interlock capabilities as well as voltage and current bar graphs to monitor output are also incorporated in the design. An oversized heat sink allows continuous operation at maximum output. Both DC and AC coupled signal inputs are provided as well as a signal output voltage proportional to output current.

Although this amplifier has been designed to directly drive low impedance loads, it can be used in any application requiring continuous duty high quality audio power. PA-151 amplifiers are designed for stand-alone desktop mounting, optional 19 in. rack mount brackets are available. Selectable Voltage or Current Source output modes accommodates all types of vibration testing applications. The amplifier can operate on 100, 115, 200 or 230V, 48 to 60 Hz power.

Switch selectable dual internal rail voltage allows this amplifier to be optimally matched to most low impedance loads. This feature reduces the heat dissipated with high current loads reducing heat sink temperatures and output stage dissipation for dependable operation.