



# “6160”/“6160P” Six Channel Power Amplifier



6160 “Classic” series



6160P “Professional” series

## General Description

The Perreaux “6160”/“6160P” is a high quality, reference, six channel 160 watt power amplifier designed for Home Theater, Multi room and Tri-Amping applications. It incorporates three separate power supply smoothing and rectification sections and is bridgeable on all channels.

## Features

- MOSFET Output Stage
- Class A Driver Stage
- Class A/AB Output Stage
- High Power Output and Current Capability
- Bridgeable Outputs
- Soft Start Circuitry

- Ultra Stiff Power Supply
- Multi-Tap Toroidally Wound Transformer
- 60,000 $\mu$ F of Smoothing Capacitance
- Clipping Indicators
- Multiple Protection Systems
- Remote Trigger Inputs

## Specifications

|   |   |
|---|---|
| Continuous Power Output:.....                           | 6 x 160W <sub>rms</sub> into 8 $\Omega$ |
| .....   | 6 x 225W <sub>rms</sub> into 4 $\Omega$ |
| Bridged Power Output:.....                              | 3 x 425W <sub>rms</sub> into 8 $\Omega$ |
| Total Harmonic Distortion (THD+N):                      |   |
| Typically.....  | 0.005 @ 1kHz into 8 $\Omega$            |
| 20Hz to 20kHz .....                                     | <0.04% into 8 $\Omega$                  |
| Frequency Response:.....                                | 20Hz to 20kHz, $\pm$ 0.25dB             |
| Hum & Noise (unweighted): .....                         | -95dB, referenced to rated output       |
| Dynamic Headroom (rated with music): .....              | >1.5dB                                  |
| Maximum Current Output:.....                            | 24A per channel                         |
| Damping Factor:.....                                    | 500 @ 1kHz into 8 $\Omega$              |
| Input Impedance:.....                                   | 36k $\Omega$                            |
| Input Sensitivity: .....                                | 1.5V <sub>rms</sub>                     |
| Dimensions (not including feet, terminals and handles): |   |
| Width.....  | 482mm (19.0")                           |
| Height.....   | 176mm (6.9")                            |
| Depth.....  | 460mm (18.1")                           |
| Weight:.....  | 30.0kg (66.1lb)                         |