

# IPR2™ 5000 Specification Sheet

|   |   |
|---|---|
| <b>Rated Watts 2ch x 2 ohms</b>         | 3230 watts 20ms repetitive burst / 2530 watts 1% THD both channels driven @ 1kHz.                         |
| <b>Rated Watts 2ch x 4 ohms</b>         | 1985 watts 20ms repetitive burst / 1700 watts 1% THD / 1470 watts 0.15% THD, both channels driven @ 1kHz. |
| <b>Rated Watts 2ch x 8 ohms</b>         | 1175 watts 20ms repetitive burst / 1025 watts 1% THD / 880 watts 0.15% THD, both channels driven @ 1kHz.  |
| <b>Minimum Load Impedance</b>           | 2 ohms  |
| <b>Maximum RMS Voltage Swing</b>        | 105 volts   |
| <b>Frequency Response</b>               | 20Hz - 22kHz; +/- 0.5dB at 1 watt.  |
| <b>20Hz - 20kHz 2ch x 2 ohms</b>        | <0.5% @ 2250 watts 20Hz to 4kHz, decreasing to 1640 watts @ 20kHz, both channels driven.                  |
| <b>20Hz - 20kHz 2ch x 4 ohms</b>        | <0.15% @ 1400 watts 20Hz to 10kHz, decreasing to 1350 watts @ 20kHz, both channels driven.                |
| <b>20Hz - 20kHz 2ch x 8 ohms</b>        | <0.15% @ 860 watts 20Hz to 4kHz, increasing to 1000 watts @ 20kHz, both channels driven.                  |
| <b>Input CMRR</b>                       | > - 75dB @ 1 kHz.   |
| <b>Voltage Gain</b>                     | x 40 (+32dB)  |
| <b>Crossover</b>                        | 100Hz switchable 2nd order high pass and 3rd low pass per channel.  |
| <b>Crosstalk</b>                        | > -60dB @ 1kHz @ 700 watts power @ 8 ohms.  |
| <b>Hum and Noise</b>                    | > -105dB, "A" weighted referenced to rated power @ 4 ohms.  |
| <b>Slew Rate</b>                        | > 12V/μs  |
| <b>Damping Factor (8 ohms)</b>          | > 210:1 @ 20Hz - 1kHz @ 8 ohms  |
| <b>Input Sensitivity</b>                | 1.95 volts +/- 3% for 1kHz 4 ohm rated power, 1.83 volts +/- 3% for 1kHz 2 ohm rated power                |
| <b>Input Impedance</b>                  | 20 kilohms, balanced and 10 kilohms unbalanced.   |
| <b>Current Draw @ 1/8 in VA (watts)</b> | 1435 (890) @ 2 ohms, 920 (525) @ 4 ohms, 625 (335) @ 8 ohms   |
| <b>Current Draw @ 1/3 in VA (watts)</b> | 3050 (2155) @ 2 ohms, 1880 (1200) @ 4 ohms, 1200 (715) @ 8 ohms   |
| <b>Idle Consumption</b>                 | 195VA, 90 watts.  |
| <b>Cooling</b>                          | 3 temperature dependent variable speed fans.  |
| <b>Controls</b>                         | 2 front panel attenuators, crossover select switch for HPF, Normal and LPF                                |
| <b>Indicator LEDs</b>                   | Five LED indicators per channel: Active, Signal, DDT, Temperature and DC                                  |
| <b>Protection</b>                       | Thermal, DC, subsonic, incorrect loads, under and over voltage  |
| <b>Connectors</b>                       | Inputs: Dual combination 1/4" XLR, Outputs: Dual 1/4" thru, one 2-pin & one 4 pin twist-lock connector    |
| <b>Construction</b>                     | 0.062" thick aluminum   |
| <b>Dimensions</b>                       | 3.5"x19"x 17" behind front panel + 0.6" for handle  |
| <b>Net Weight</b>                       | 6.2 kg (13.6 lbs.*)   |
| <b>Gross Weight</b>                     | 7.9 kg (17.4 lbs.)  |

Rated power readings made with BW: 20 Hz to 22 kHz. All power measurements made @ 120 VAC or 240VAC.

2 ohm steady state sine wave power is time limited by circuit breaker.

Bridge operation is not possible.

\*Net Weight does not include power cord.