

## IPR-3000 DSP Specification Sheet

<b>Rated Power (2 x 2 ohms)</b>	- 1,450 watts per channel @ 1 kHz 1% T.H.D. both channels driven.
<b>Rated Power (2 x 4 ohms)</b>	- 815 watts per channel @ 1 kHz at <0.1% T.H.D. both channels driven.
<b>Rated Power (2 x 8 ohms)</b>	- 430 watts per channel @ 1 kHz at <0.1% T.H.D. both channels driven.
<b>Rated Power (1 x 2 ohms)</b>	- 1,590 watts @ 1 kHz at <0.1% T.H.D.
<b>Rated Power (1 x 4 ohms)</b>	- 910 watts @ 1 kHz at <0.1% T.H.D.
<b>Rated Power (1 x 8 ohms)</b>	- 450 watts @ 1 kHz at <0.1% T.H.D.
<b>Minimum Load Impedance</b>	- 2 ohms
<b>Maximum RMS Voltage Swing</b>	- 67 volts
<b>Frequency Response</b>	- 10 Hz - 22 kHz, +/- 0.5 dB at 1 watt.
<b>T.H.D. (2 x 2 ohms)</b>	- <0.1% @ 1,300 watts per channel from 20 Hz to 3 kHz, decreasing to 1,120 watts at 20 kHz.
<b>T.H.D. (2 x 4 ohms)</b>	- <0.1% @ 800 watts per channel from 20 Hz to 20 kHz.
<b>T.H.D. (2 x 8 ohms)</b>	- <0.1% @ 420 watts per channel from 20 Hz to 20 kHz.
<b>Input CMRR</b>	- > - 76 dB @ 1 kHz
<b>Voltage Gain</b>	- x 47 (+33.4dB)
<b>Crossover</b>	- Adjustable frequencies with 24dB/oct, 4 <sup>th</sup> order Linkwitz –Riley High Pass and Low Pass filter per channel
<b>Crosstalk</b>	- > -68 dB @ 1 kHz at 400 watts power @ 8 ohms.
<b>Hum and Noise</b>	- > -92 dB, "A" weighted referenced to rated power @ 4 ohms.
<b>Slew Rate</b>	- > 12V/ $\mu$ s
<b>Damping Factor (8 ohms)</b>	- > 225:1 @ 20 Hz - 1 kHz at 8 ohms
<b>Input Sensitivity</b>	- 1.215 volts +/- 3% for 1 kHz 4 ohm rated power, 1.195 volts +/- 3% for 1 kHz. 2 ohm rated power.
<b>Input Impedance</b>	- 15k ohms, balanced and 7.5k ohms unbalanced.
<b>Current Draw @ 1/8</b>	- 917 watts @ 2 ohms, 618 watts @ 4 ohms, 353 watts @ 8 ohms.
<b>Current Draw @ 1/3</b>	- 2,016 watts @ 2 ohms, 1,236 watts @ 4 ohms, 662 watts @ 8 ohms.
<b>Cooling</b>	- Temperature dependent variable speed 80 mm DC fan.
<b>Controls</b>	- 2 front panel detented attenuators, push-button navigation encoder to navigate through the menus on the LCD screen for input mode, parametric EQ, crossover H.P.F, Normal, L.P.F. and more.
<b>Indicator LEDs</b>	- 2 DDT (clip limiting), 2 Signal presence, 2 Active status, 2 Temp and 2 DC protect.
<b>Protection</b>	- Thermal, DC, subsonic, incorrect loads, under and over voltage.
<b>Connectors</b>	- Inputs: Dual Combi 1/4" & XLR, Outputs: Dual 1/4" signal patch, dual 4-pin twist-locking connectors.
<b>Construction</b>	- 0.062" thick aluminum.
<b>Dimensions</b>	- 3.5"x19"x 10.5" behind front panel + 0.6" for handle
<b>Net Weight</b>	- 3.40 kg (7.5 lbs.*)
<b>Gross Weight</b>	- 4.54 kg (10 lbs.)
<b>Warranty</b>	- 5 years

Rated power readings made with BW: <10 Hz to 22 kHz. All power measurements made at 120 VAC and 240VAC.

2 ohm power is time limited by circuit breaker.

\*Net Weight does not include power cord.