

# DYNAMIC PRECISION



## TECHNICAL SPECIFICATIONS

**STEREO POWER AMPLIFIER**

dpA2

# dpA2

## TECHNICAL SPECIFICATIONS

<b>OUTPUT POWER, RMS, 20Hz-20kHz, @ 1% THD (clipping level) :</b>	8 $\Omega$ load, 400W per channel 4 $\Omega$ load, 800W per channel 2 $\Omega$ load, 1500W per channel 8 $\Omega$ load, 1500W bridged mono
<b>Maximum output current:</b>	More than 100A per channel (200A peak)
<b>DISTORTION, THD @ 400W 20Hz-20kHz in 4 <math>\Omega</math> load:</b>	Less than 0.0005%
<b>DISTORTION, THD @ 35V RMS, 1 kHz:</b>	Less than 0.0001%
<b>IM DISTORTION, CCIR 13 kHz and 14 kHz, 8 <math>\Omega</math> load:</b>	Less than 0.0002%
<b>FREQUENCY RESPONSE(filter bypassed):</b>	DC - 500kHz -3dB
<b>SLEW RATE(filter bypassed):</b>	Greater than 250V/us
<b>DAMPING FACTOR:</b>	1000 @ DC - 20kHz/8 $\Omega$
<b>SIGNAL/NOISE RATIO, Ref. 400W/8<math>\Omega</math> load:</b>	10Hz-80 kHz 107dB 22Hz-22kHz 114dB 10Hz-CCIR-QPK 103dB IEC-A weighted 116dB
<b>INPUT IMPEDANCE:</b>	200 k $\Omega$
<b>GAIN Pos 1:</b>	26dB (20x)
<b>GAIN Pos 2: (standard setting)</b>	30dB (31,6x)
<b>GAIN Pos 3:</b>	33dB (44,7x)
<b>SENSITIVITY Pos 2:</b>	1,42 V RMS for 250W/8 $\Omega$
<b>CHANNEL SEPARATION:</b>	More than 120dB@ DC -100kHz
<b>COMMON MODE REJECTION RATIO:</b>	Better than 100dB@ DC -100kHz
<b>DIMENSION (W x H x D in mm)</b>	445 x 364 x 380
<b>WEIGHT (kg)</b>	65

THD: Total harmonic distortion.  
RMS: The Root Mean Square of a voltage.

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