

SPECIFICATIONS

DMA-90 High Resolution Amplifier

Power Output:

(continuous)

Stereo:

@ 8 ohms - 100 Watts RMS

@ 4 ohms - 200 Watts RMS

Bridged:

@ 8 ohms - 180 Watts RMS

@ 4 ohms - 250 Watts

Power Output

(minimum at clipping)

Stereo:

@ 8 ohms - 159 Watts RMS

@ 4 ohms - 240 Watts RMS

Bridged:

@ 8 ohms - 255 Watts RMS

@ 4 ohms - 306 Watts

Output Current:

22 Amps per channel

Frequency Response:

± 0.1 dB, DC-150 KHz

± 1 dB, DC-1 MHz

± 3 dB, DC-1.8 MHz

Distortion:

Static:

Less than 0.015 from DC to 100 KHz Typically 0.009 @ 100 Watts RMS/8 ohms

Dynamic:

8 Tone Cluster Test 20 KHz @ 500 Hz separation; 0.01% 8 ohms; 0.015% 4 ohms

Speed:

Rise Time:

Less than 300 nanoseconds

Settling Time:

1.5 microseconds to -40dB

Slew Rate:

1000 volts/microsecond

Noise:

Signal to Noise:

97dB unweighted, 107dB ASA A

Crosstalk:

98dB @ full power 8 ohms

Input:

Impedence:

10K ohms in parallel with 100 pf

Sensitivity:

1.5 volts/nominal output

Power Supply:

Line Voltage:

100 volts, 120 volts, 240 volts (factory wired)

AC Voltage Range:

±10%

Maximum Consumption:

800 Watts

Quiescent Consumption:

125 Watts

Operating Temp:

0° to 50° Celsius range; 32° to 122° Farenheit

Protection Features:

DC Protection Servo:

0.5 volt range

Current Limit Onset:

22 Amps

Thermal Protect Threshold:

85° Celsius, 185° Fahrenheit

AC Main Fuses:

3A #AG slo-blo, for 100 - 120 VAC,

1 -1/4A 3AG slo-blo, for 220 - 240 VAC

Size and Weight:

Dimensions:

48cm (19")W x 6.5cm (2 1/2")H x 39.35cm (15 1/2")D

Weight:

20 lbs, 9.1 KG Net