

High Performance Power Amplifiers

Product Specifications DXA3600

Audio power output data

(Power figures are valid with both channels driven)

Watts into 8 ohm

Watts into 4 ohm

Watts into 2 ohm

Watts into 8 ohm bridged mode

Watts into 4 ohm bridged mode

EIA @ 1kHz

0.05% THD

1000

1500

N/A

3000

N/A

@ 20Hz-20kHz

0.1% THD

950

1450

N/A

2900

N/A

Audio performance data

Frequency response @ 1 watt into 8 ohm

Total harmonic distortion @ full power into 8 ohm

Intermodulation distortion @ full power into 8 ohm

Damping factor @ 400Hz into 8 ohm

Slew rate (with input filter by-passed)

Residual hum & noise (A-weighted)

Inter channel cross talk (A-weighted)

Inter channel cross talk

20Hz-20kHz +0, -0.2dB

<0.02% @ 1kHz

<0.05% @ 60Hz & 7kHz

444 : 1 ratio

27V / μ sec (35V / μ sec)

> -95dB

> -60dB

> -60dB

Audio input data

Input CMRR (common mode rejection ratio)

Input voltage to develop full power into 4 ohm

Input impedance (actively balanced)

Input connector

Input cascade connector

> -60dB

1.1 Volt RMS

>20kohm

Female XLR (pin 2 hot)

Balanced 1/4" TRS

Audio output data

Max. RMS output voltage

Max. PEAK output voltage

Output connector

Alternate output connector

90 Volt

126 Volt

Twist & lock SPEAKON

High current Binding Post

Audio system data

Input to output voltage gain ratio

System operating class

System operating mode

37dB

H

Stereo / Parallel / Bridged

Electrical data

AC current draw @ idle (no load connected)

AC current draw @ 1/8 power into 4 ohm

AC current draw @ full power into 4 ohm

AC primary fusing

Power transformer (Effective power)

Reservoir capacitance

0.75 A @ 220V

5 A @220V

19.3 A @ 220V

250V / 2x20A slow blow

3800VA

110400 μ F

Thermal data

Dissipated heat @ 1/8 power into 4 ohm

Fan air flow capacity at max speed

Forced air flow direction

500 Kcal / hr

95 CFM

Front to back

Mechanical data

Chassis & lid (Electro-statically anti-rust coated)

Dimension (HxWxD) in inches

Net weight

Shipping weight

Shipping cubic volume (CuMtr)

16 gauge steel

5.25x19x20.7

36Kgr

39Kgr

0.068 cubic mtr

