

SPECIFICATION FOR QUAD 303 POWER AMPLIFIER

The figures and curves refer to measurements on either channel, with or without the other channel operating.

POWER OUTPUT AND DISTORTION
(with unrestricted bandwidth)

70 Hz 0.03% || Any level up to 28W 16 ohms load
 700 Hz 0.03% || Any level up to 45W 8 ohms load
 10 kHz 0.1%

FREQUENCY RESPONSE:

—1dB (ref: 1kHz) at 30 Hz and 35kHz into 8 ohms
 —1dB (ref: 1kHz) at 20 Hz and 35kHz into 16 ohms

OUTPUT SOURCE IMPEDANCE:

0.3 ohms in series with 2000 μ F and 6 μ H.

INPUT LEVEL:

0.5V rms for 30 watts into 16 ohms

INPUT IMPEDANCE:

22K ohms in parallel with 60pF

HUM AND NOISE:

—100dB below full output

INTERCHANNEL CROSSTALK:

30–10,000 Hz better than 60dB. Input load 1 K ohms.

STABILITY:

unconditionally stable with any load.

POWER INPUT:

100–125 or 200–250V 50–60 Hz.
 40–200 watts depending on signal level.

WEIGHT:

18 lb. (8.2Kg.)

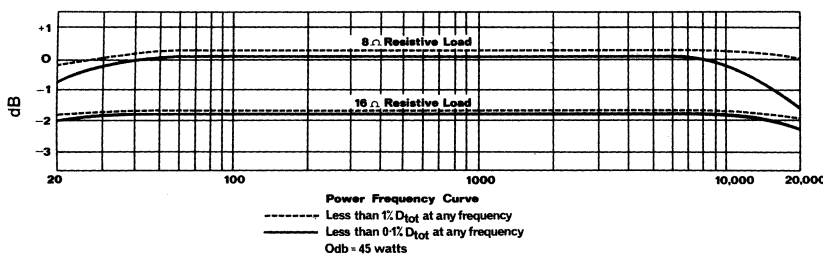
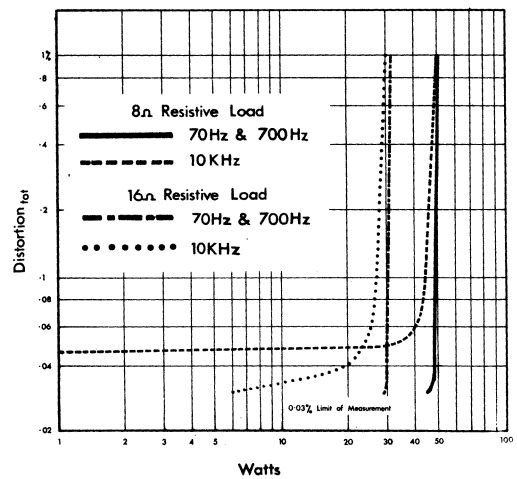
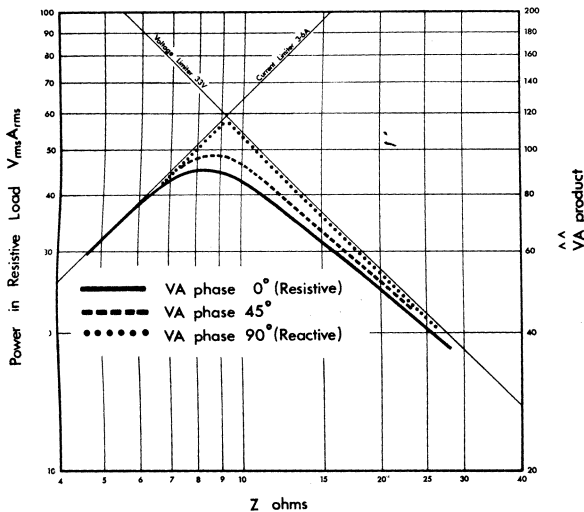
DIMENSIONS:

Width 4 $\frac{3}{4}$ " (120mm.)
 Height 6 $\frac{1}{4}$ " (159mm.)
 Depth 12 $\frac{3}{4}$ " (324mm.)
 (plus 1 $\frac{1}{4}$ " (38mm.) for connectors).

OTHER APPLICATIONS:

The amplifier may be used for any purposes into load impedances greater than 8 ohms. Below 8 ohms applications should be restricted to music and speech reproduction or intermittent sine-wave duty.

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