



Crown

D-150



DUAL CHANNEL POWER AMPLIFIER

UNIVERSAL

UNIVERSAL MOUNTING

17" wide, 5 1/4" high, 9" deep
Ideal for rack mounting with optional FP
Classic styling in the optional enclosure
As a basic amplifier, tucked away, out of sight

UNIVERSAL POWER RANGE

75 watts (R.M.S.) per channel 20 - 20 K
Cleanest power for most hi-fi systems
IC op-amp front end for linear bandwidth and gain
Really quiet performance — drives electrostatic
head phones without pads

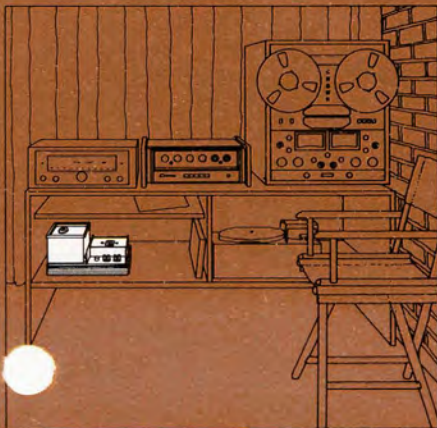
UNIVERSAL LOAD MATCHING

Matches any load from 4 ohms to infinity
Offers higher damping factor via Crown-pioneered
AB+B direct-coupled output
New volt-ampere limiting protection is automatic —
eliminates power supply fusing

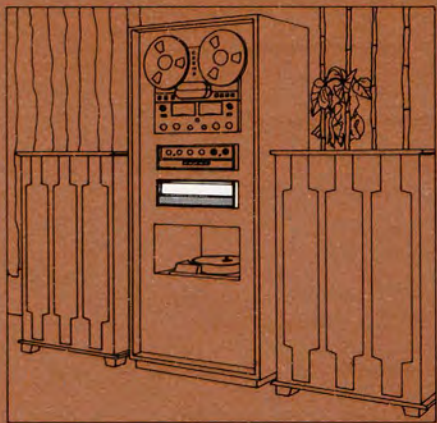
UNIVERSAL PRICE

Priced within the range of the audio buff who
takes his music seriously
\$399 — FP front panel \$30 — optional 5D
cabinet \$33

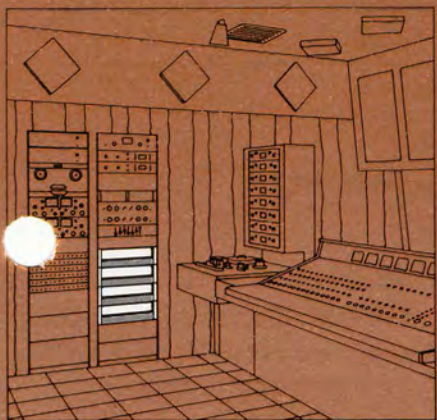
(shown with optional front panel and walnut enclosure)



free
standing



panel
mount



professional
rack

Performance equal to the famous DC-300
100% American made with industrial and computer
grade components
Three year complete warranty — all parts, labor,
round trip shipping
Each unit accompanied by its own hand-entered
proof-of-performance.

COMPLETE SPECIFICATIONS:

(75W per channel 8 Ω load)

Power Output: Power output not less than 75 watts R.M.S. per channel into 8 ohms (both channels operating) 20-20,000Hz at rated distortion. Typically 100 watts R.M.S. per channel into 8 ohms, 140 watts R.M.S. per channel into 4 ohms.

Power Bandwidth: Power bandwidth ± 1 dB, 5-20,000Hz at 75 watts R.M.S. per channel into 8 ohms.

IM Distortion: **IM** - less than 0.05%, 0.01 watt to 75 watts, 60Hz and 7,000Hz mixed 4:1. **Harmonic** - less than 0.05%, 0.01 watt to 75 watts, 20-20,000Hz.

Frequency Response: $+0.1$ dB 20-20,000Hz at 1 watt into 8 ohms; ± 1 dB 4-100,000Hz.

Phase Response: $\pm 15^\circ$, 20-20,000Hz at 1 watt into 8 ohms.

Hum and Noise: 110dB below 75 watts R.M.S. output.

Damping Factor: Greater than 200 from zero to 1000Hz into 8 ohms.

Verification: Each unit accompanied by its individual hand-entered proof-of-performance report.

Load Impedance: 4 to 16 ohms (complete stability with any load); dual binding-post outputs.

Construction: 100% American-made with industrial grade construction for years of continuous use.

Input: Impedance - Nominal 25K ohm, screw-driver adjust on rear. Input sensitivity 1.2V for full output. Standard $\frac{1}{4}$ " phone-jack on rear.

Turn-on: Instantaneous, with no program delay, and minimum thump.

Circuit: Unique wideband, stable design utilizing a new linear IC (dual op-amp). Total equivalent of 40 transistors, 24 diodes, and four rectifier-diodes.

Protection: Amplifier is short- and mismatch- and open-circuit-proof. Unique V-I limiting is instantaneous with no thumps, cut-out, etc.

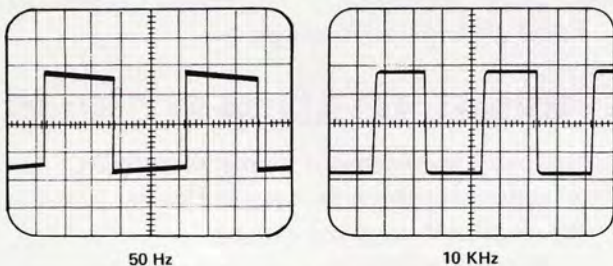
Power Supply: Two massive capacitors with energy-storage exceeding 20 joules. Total of two regulated supplies for complete isolation and stability. No fuses except AC power-line.

Dimensions: 17" width, 5 $\frac{1}{4}$ " high, 9" deep (from mounting surface). All-aluminum construction with massive chassis. Amplifier will panel-mount in a 16 $\frac{3}{4}$ " x 5" opening (with optional front panel). With adapters, standard 19" rack mount.

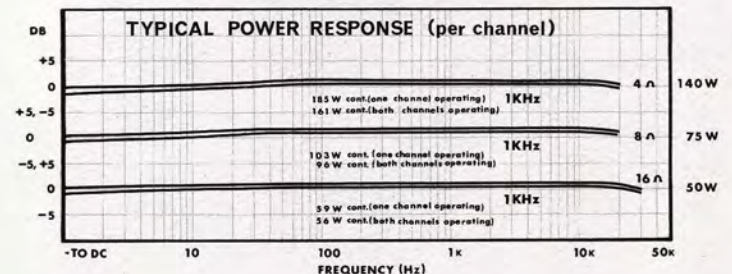
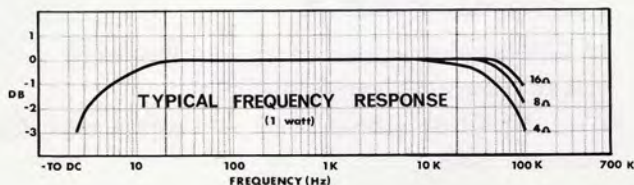
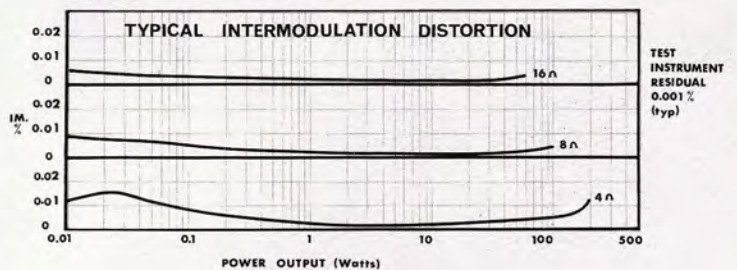
Accessories: FP Kit - for panel, cabinet and rack mounting - price \$30. 5D Cabinet - custom oiled, walnut enclosure (requires FP kit) - price \$33.

Weight: 22 pounds (24 pounds rack mount).

TYPICAL CHARACTERISTICS..



Square Wave Response (1 watt)



3 Year Warranty: All parts and labor, including round-trip shipping

Crown[®]
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MADE ONLY IN AMERICA

Skilled American craftsmen fabricate, assemble, and individually adjust each CROWN amplifier to provide you unequalled quality.