

## **128 Linear Dynamic Range Enhancer Tape Noise Reduction System**

### **Spécifications**

#### ENHANCEMENT SECTION ONLY

Compression ratio : continuously variable to infinity

Expansion ratio : continuously variable to 2.0

Input level (maximum) : 30 v RMS

Frequency response : 20 Hz to 20 kHz  $\pm$  .5%

Total harmonic distortion : 0.1% typical at 1.0 expansion, 20 Hz to 20 kHz

#### TAPE NOISE REDUCTION SECTION ONLY

Compression ratio (fixed) : 1

Expansion ration (fixed) : 1:2

Input level (maximum) : 7 v RMS

Frequency response : 30 Hz to 20 kHz  $\pm$  .5dB

Total harmonic distortion : 0.5% typical, 30 Hz to 20 kHz

#### BOTH SECTION

Dynamic range (peak signal to weighted background noise) : 110 dB

Input impedance : 50 k

Input level (nominal) : 300 mV

Output impedance (designed to drive 5 k ohms or greater) : 470 ohms

Output level (maximum, 20 Hz to 20 kHz : 7v RMS

Input noise(unweighted, referenced to 1v) : - 85 dBv

I.M distortion (SMPTE) : 0.15 % typical

Power line requirement (100, 220 and 240 optional for export markets) : 117 vac, 50 to 60 Hz

Power line consumption : 10 w

Size : 3 3/4" (h) x 11" (w) x 10 1/4 " (d) (mm : 95.25 x 279.4 x 260.35)

Shipping weight : 8 lbs (3.62 kg)