

# Model 300 Specifications

(subject to change without notice)

## **Preamplifier/ amplifier**

*Continuous power output, 40 Hz to 20 kHz, 8 ohms:* 15 watts per channel, both channels driven

*Harmonic distortion* Less than 0.5%

*Intermodulation distortion:* Less than 0.3%

*Signal to noise (shorted input, A-weighted):* Phono: 80 dB  
Aux: 80 dB

*Input sensitivity/impedance:* Phono: 2 mV/47 kohms  
Aux: 100 mV/25 kohms  
Tape monitor: 100 mV/25 kohms  
Power amp in: 775 m V 1100 kohms

*Output level/impedance:* Tape out: 100 mV/600 ohms  
Preamp out: 1.0 Volt/3500 ohms

*Tone controls:* Bass:  $\pm 10$  dB @ 100 Hz  
Treble:  $\pm 10$  dB @ 10 kHz

## **FM tuner**

*IHF 30 dB sensitivity:* 2.5 uV

*IHF 50 dB sensitivity:* 5.0 uV

*Capture ratio:* 1.4dB

*Image rejection:* 53 dB

*IF rejection:* 70 dB

*Spurious rejection:* 75 dB

*AM suppression:* 55 dB

*Harmonic distortion:* Mono, less than 0.2%, stereo, less than 0.5%

*Frequency response:* 20-15,000 Hz,  $\pm 0.5$  dB

*Signal-to-noise ratio:* Mono, 68 dB; stereo, 65 dB

*Stereo separation:* 35 dB