

# VT80 SE Stereo Amplifier

SKU VT80SE

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## Electronic Specifications

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### POWER OUTPUT

75 watts per channel continuous from 20Hz to 20kHz. 1kHz total harmonic distortion typically 1% at 75 watts, below 0.05% at 1 watt. (Note that actual power output is dependent upon both line voltage and 'condition' i. e.: if power line has high distortion, maximum power will be affected adversely, although from a listening standpoint this is not very critical.)

### POWER BANDWIDTH

(-3dB points) 7Hz to 60kHz.

### FREQUENCY RESPONSE

(-3dB points at 1 watt) 0.7Hz to 80kHz.

### INPUT SENSITIVITY

1.4V RMS BAL for rated output. (25dB Bal gain into 8 ohms.)

### INPUT IMPEDANCE

300K ohms Balanced (150K ohms SE)

### OUTPUT POLARITY

Non-inverting. Balanced input pin 2+ (IEC-268)

### OUTPUT TAPS

8 ohms, 4 ohms

### OUTPUT REGULATION

Approximately 1.0dB 8 OHM LOAD TO OPEN CIRCUIT (Damping factor approximately 8)

### OVERALL NEGATIVE FEEDBACK

15dB

### SLEW RATE

10 volts/microsecond

### RISE TIME

4.0 microseconds

### CHANNEL SEPARATION

112dB

### HUM & NOISE

-84dBV weighted, 8 ohms tap

### SIGNAL TO NOISE

112dB

### CONTROLS

Power on/off, auto shut-off on/defeat, Input BAL/SE, RS232, 12V trigger

### AMBIENT AIR TEMPERATURE

30° C (86° F) maximum ambient air temperature

**POWER SUPPLY ENERGY STORAGE**

Approximately 350 joules

**POWER REQUIREMENTS**

100-125VAC 60Hz (200-250VAC 50Hz) 410 watts at rated output, 500 watts maximum, 230 watts idle. Sleep power < 1 watt

**TUBES REQUIRED**

2 – Matched pair KT150 – Power Output; 2 – 6H30 Driver

**DIMENSION**

width 19" (48.3 cm)

height 10.33" (26.2 cm)

depth 18.45" (46.8 cm) to chassis , 19.40" (49.3 cm) to terminals

**WEIGHT**

45.7lbs. (20.7 kg) Net; 60.5 lbs. (27.4 kg)