

# **SOUNDMASTER**

## **VF250 POWER AMPLIFIER**

### **OUTPUT POWER**

4 ohms both channels driven	130 watts R.M.S.per channel
4 ohms 1 channel driven	150 watts R.M.S.
8 ohms both channels driven	90 watts R.M.S.per channel
8 ohms 1 channel driven	100 watts R.M.S.
8 ohms bridged mono	260 watts R.M.S.
Frequency response ref. 1KHz	20Hz -0.3dB, 20KHz -0.1dB
Upper 3dB point	60KHz
Lower 3dB point	5Hz
Harmonic distortion	less than 0.005%
Damping factor	better than 100
Input sensitivity	0dB (0.775v)
Input impedance	10Kohms unbalanced
Signal to noise ratio (Measured, peak, wideband, unweighted)	> 96dB
Output rise time 10% to 90%	7 $\mu$ S
Slew rate	20v/ $\mu$ S
50Hz square wave slope (10ms)	< 20%
1KHz square wave overshoot	< 1%
Mains input power	240-220 volts AC 50-60Hz
Maximum power consumption	300W
Dimensions	19" x 3.5" x 9.5"
Shipping weight	5 kilos

### **GENERAL SPECIFICATIONS**

INPUTS	PER CHANNEL 2 - 3 pole jack sockets linked in parallel.
OUTPUTS	PER CHANNEL 2 - 2 pole jack sockets linked in parallel. The bridged mono output is taken from the tip of the jack socket of each channel.
PROTECTION	Each channel has +VE and -VE D.C. supply fuses.
COOLING	Substantial aluminium heatsinks to ensure adequate dissipation.
E.& O.E.	10 November 2004