

SOUNDMASTER

VF400 POWER AMPLIFIER

OUTPUT POWER

4 ohms both channels driven	250 watts R.M.S.per channel
4 ohms 1 channel driven	275 watts R.M.S.
8 ohms both channels driven	175 watts R.M.S.per channel
8 ohms 1 channel driven	190 watts R.M.S.
8 ohms bridged mono	450 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 balanced
Signal to noise ratio (Measured, peak, wideband, unweighted)	> 98dB
Output rise time 10% to 90%	7 μ S
Slew rate	20v/ μ S
50Hz square wave slope (10ms)	< 20%
1KHz square wave overshoot	< 1%
Mains input power	240-220 volts AC 50-60Hz
Maximum power consumption	600W
Dimensions	19" x 3.5" x 15.5"
Shipping weight	14 kilos

GENERAL SPECIFICATIONS

INPUTS	PER CHANNEL 1 - XLR 3-31, 1 - XLR 3-32, wired Pin 1 screen, Pin 2 +VE phase, Pin 3 -VE phase.
OUTPUTS	PER CHANNEL 2 - SPEAKON connectors linked in parallel, wired Pin 1+ signal and Pin 1- earth. The bridged mono output is taken from the 1+ terminal of each channel.
PROTECTION	D.C. off set and thermal overload at 100° C with auto reset which operates independently on each channel to disconnect the load. Each channel and the soft start module has +VE and -VE D.C. supply fuses.
SOFT START	Relay controlled delay eliminating heavy mains switch on surges and speaker thumps.
DISPLAY	LED'S indicate Power On, Peak, and protection per channel and bridge mode
COOLING	Substantial aluminium heatsink to ensure adequate dissipation.

E.& O.E.

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