

SOUNDMASTER

VF1000 POWER AMPLIFIER

OUTPUT POWER

4 ohms both channels driven	510 watts R.M.S. per channel
4 ohms 1 channel driven	550 watts R.M.S.
8 ohms both channels driven	375 watts R.M.S. per channel
8 ohms 1 channel driven	400 watts R.M.S.
8 ohms bridged mono	1020 watts R.M.S.
	Measurement tolerance 1dB

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)	< 102dB

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	1.5kW
Dimensions	19" x 3.5" x 17.5"
Shipping weight	22 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 VF1000 can also be supplied with 2 pairs of 4mm terminal posts). The bridged mono output is taken from Pin 1+ of each channel (or the positive terminal posts).

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 A fan forces air through a sealed duct past a substantial aluminium heatsink to

ensure adequate dissipation.

E.& O.E.

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