

SOUNDMASTER

VF1200 POWER AMPLIFIER

OUTPUT POWER

4 ohms both channels driven	625 watts R.M.S.per channel
4 ohms 1 channel driven	700 watts R.M.S.
8 ohms both channels driven	400 watts R.M.S.per channel
8 ohms 1 channel driven	450 watts R.M.S.
8 ohms bridged mono	1250 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	< 102dB
(Measured, peak, wideband, unweighted)	

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 5.25" x 20.75"
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, and 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 bargraph meters, 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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