

## **SPECIFICATION FOR XL1000-PRO**

Output Power:	1000 Watt Peak Visual, 100 Watt Aural
Output Frequency Range:	UHF Channel 14-69 (470-806 MHz)
Type of Emission:	Visual 5M75C3F, Aural 250kF3E
Frequency Stability:	Input Source dependent
Output Load Impedance:	50 ohms, EIA 7/8" flange
Output Frequency Response:	+/- 2 dB over 6 MHz channel
Video Performance:	
Differential Gain	0.5 dB typical
Differential Phase	3 degrees typical
K factor	2% typical
3 tone IMD	-52 dB typical
Harmonics:	-60 dB relative to visual peak power
Spurious Products:	-60 dB relative to visual peak power (Frequencies >3 MHz outside of channel)
Input Power:	+40 dBmv nominal
Input Impedance:	75 ohms, BNC female connector
Input Carrier Frequency:	45.75 MHz (NTSC Visual carrier)
Temperature Range:	
Operating	-30 to +45 degrees C
Storage	-40 to +70 degrees C
Power Consumption:	
Operating	3800 VA typical at rated Power Output
Input Power Source:	208-230 VAC +/- 5%, 60 Hz
Dimensions:	
Width	23 inches (58 cm)
Height	79 inches (200 cm)
Depth	31 inches (79 cm)
Weight:	600 lbs (1320 kg)