

SPECIFICATION FOR UST106 PRO

Output Power:	100 Watt Peak Visual, 10 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, Type N female connector
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:	-50 dB relative to visual peak power (Frequencies >3 MHz outside of channel)
Input Power:	+40 dBm 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	550 VA typical at rated Power Output
Standby	200 VA typical
Input Power Source:	110 VAC +/- 5%, 60 Hz
Dimensions:	
Width	22 inches (56 cm)
Height	67 inches (171 cm)
Depth	18 inches (45 cm)
Weight:	240 lbs (109 Kg)