

SPECIFICATIONS

MODEL NAME	: SC-980A
FCC ID	: O78SC980A
TYPE	: FM TRANSCEIVER

Parameter	Specification
<u>General</u>	
Emission Designator	: 11K0F3E / 16K0F3E
Channel spacing	: 12.5 kHz/ 25 kHz
Power supply voltage	: 13.6V +/-20%
Current consumption	(Standby) : 420mA
	(RX) : 3000A (at Maximum Audio output)
	(TX) : 11A (at High Power); 5A (at Low Power)
Dimensions	(inches) : 1.78"H x 6.30"W x 7.68"D
(projection not included)	(45H x 160W x 195D mm)
Weight	: 3.1lb (1400g)
Operating Temperature	: -30 to +60 degrees Celsius
<u>Transmitter</u>	
Frequency range	: 400.000 to 470.000MHz
RF power output	(High@13.6V) : 45W
	(Low@13.6V) : 10W
Conducted spurious emissions	: >70dB
AF distortion	(@1kHz) : <5%
Maximum deviation	: +/-2.5 kHz / +/-5 kHz
Frequency stability	: +/-2.5ppm
FM noise	: >40dB
Microphone type	: Dynamic
Microphone impedance	: 600 ohms

Receiver

Frequency range	: 400.000 to 470.000MHz
Circuit type	: Double-conversion super heterodyne
Intermediate Frequency (1st)	: 58.05MHz (Lower)
(2nd)	: 450kHz (Lower)
Reference sensitivity (12dB SINAD)	: 0.28uV
Adjacent channel selectivity	: >70dB (Wide)
Inter modulation response	: >70dB
Spurious response rejection	: >70dB
Speaker Impedance (Rated:Ext)	: 4 ohms
Maximum AF output (@ 4ohm, 13.6V:Ext)	: >10W