

SPECIFICATIONS : VX-2000		
0		
General Specifications	VX-2000V	VX-2000U
0	VHF Highband	UHF Band
Number of Channels	4, 40 Channels	
Frequency Range	134-160 MHz (A)	400-430 MHz (A)
0	148-174 MHz (C)	450-480 MHz (D)
0	0	480-512 MHz (F)
0		
Maximum Channel Spread	26 MHz (A, C)	30 MHz (A, D)
0	0	32 MHz (F)
Channel Spacing	12.5 kHz / 25 kHz	0
Power Supply Voltage	10.8 to 15.6 VDC	0
Current Consumption		
Standby	250 mA	
Receive	500 mA	
Transmit	6.5 A	
Ambient Temperature Range	-30°C to +60°C	
Frequency Stability	± 2.5 ppm	
RF Input-Output Impedance	50 ohms	
Audio Output Impedance	4 ohms	
Dimensions (W x H x D)	6.25" x 1.5" x 4.25" (160 x 40 x 105 mm)	
Weight	1.9 lbs. (850 g)	
Receiver Specifications	Measurements made per EIA standard EIA-204D	
Circuit Type	Double Conversion Superheterodyne	
Sensitivity		
EIA 12 dB SINAD	0.20 µV	0.25 µV
20 dB Quieting	0.30 µV	0.35 µV
Adjacent Channel Selectivity	70 dB (25 kHz), 60 dB (12.5 kHz)	
Intermodulation	65 dB	
Spurious and Image Rejection	65 dB	
Audio Response	+3 / -8 dB from the 6 dB / oct. De-emphasis curve	
Audio Output	5 W into 4 ohms w / <10% THD	
Transmitter Specifications	Measurements made per EIA standard EIA-152-C	
Power Output	25 / 5 W	
Modulation	16K0F3E, 11K0F3E	
Maximum Deviation	± 5 kHz (25 kHz), ± 2.5 kHz (12.5 kHz)	
Conducted Spurious Emissions	65 dBc	
FM Hum and Noise	45 dB (25 kHz), 40 dB (12.5 kHz)	
Audio Response	+1 / -3 dB from the 6 dB / oct. Pre-emphasis curve	
Audio Distortion (@ 1 kHz)	<5%	