

SPECIFICATIONS : VX-3200 Series		
0		
General Specifications	VX-3200V	VX-3200U
Number of Channels	128 Channels	
Frequency Range	134-160 MHz	400-430 MHz
0	148-174 MHz	450-490 MHz
0	0	480-512 MHz
Number of Groups	10	
PLL Steps	2.5/5.0/6.25 kHz	5.0/6.25 kHz
Power Supply Voltage	13.6 VDC \pm 15%	
Channel Spacing	12.5/15.0/25.0/30.0 kHz	12.5 kHz / 25 kHz
Current Consumption	TX: 10A RX: 700mA STBY: 250mA	
Operating Temperature range	-22 F to 140 F (-30°C to +60°C)	
Frequency Stability	Better than \pm 2.5 ppm	
RF Input-Output Impedance	50 Ohms	
Audio Output Impedance	4 ohms	
Dimensions (W x H x D)	6.3" x 1.57" x 6.7" (160 x 40 x 170 mm)	
Weight	3.09 lbs. (1.4 kg)	
Receiver Specifications	Measurements made per EIA standard EIA-603	
Circuit Type	Double Conversion Super-heterodyne	
Sensitivity	0.25 μ V (12dB SINAD)	
Adjacent Channel Selectivity	85/70 dB	80/67 dB
Intermodulation	80 dB	
Spurious and Image Rejection	90 dB	
Audio Output	4 W @ 4Ohms 5% THD	
Audio Distortion	<3 % @1 kHz	
Transmitter Specifications	Measurements made per EIA standard EIA-603	
Power Output	50 W (Low: 10W)	45 W (Low: 10W)
Modulation	16K0F3E, 11K0F3E	
Maximum Deviation	5.0/2.5 kHz	
Conducted Spurious Emissions	70 dB below carrier	
Audio Distortion	<3 % @ 1 kHz	
Microphone type	Dynamic	
Microphone Impedance	600 Ohms	