

Specifications	
VX10 (VHF)	
General	
Frequency range	134-160MHz (A); 146-174MHz (C)
Number of Channels	102 channels
Maximum channel spread	26MHz
Channel spacing	12.5kHz or 25/20kHz
Power Supply Voltage	7.2V DC
Operating Temperature Range	-25°C to +55°C
Frequency Stability	±1.5kHz
Antenna Impedance	50Ω
Case Size	57(W) x 46(D) x 99(H)mm with FNB-V47
Weight	380g with FNB-V47
Current	Standby (Saver ON:20mA; Saver OFF:50mA) Receive 180mA Transmit (HI:1.6A, L3:1.0A, L2:0.7A, L1:0.3A)
Battery Life w/FNB-V47 (5-5-90 duty)	Saver ON: 9.9 hours Saver OFF: 8.2 hours
Receiver	
Circuit Type	Double-conversion Superheterodyne
IF Frequency	1st:17.7MHz 2nd:450kHz
20dB SINAD Sensitivity	1μV (emf)
Audio Output	0.5W (1kHz into 4Ω for 5% THD)
De-emphasis	6dB/oct
Conducted Spurious Emission	<1GHz <2.0μW (-57dBm) >1GHz <20μW (-47dBm)
Adjacent Channel Selectivity	70dB (25kHz); 60dB (12.5kHz)
Intermodulation	65dB
Spurious and Image Rejection	70dB
Hum and Noise	40dB (25kHz); 35dB (12.5kHz)
Transmitter	
Modulation System	Variable reactance (F3E)
Power Output	HI:5W, L3:2.5W, L2:1W, L1:0.1W
Spurious Emissions	<1GHz <0.25μW (-36dBm) >1GHz <1.00μW (-30dBm)
Maximum Deviation	±5kHz (25kHz); ±2.5kHz (12.5kHz)
Pre-emphasis Characteristic	6dB/oct
Modulation Distortion	<5% (1kHz)
Hum and Noise	40dB (25kHz), 35dB (12.5kHz)