VX-260 Series

VHF/UHF Portable Radios

A New Combination of Performance and Value

The **VX-260 Series** delivers the ideal combination of features and performance for efficiency, reliability and interoperability. **Experience a new way of getting more for less with Vertex Standard.**

Enhanced Audio Output

Excellent Audio performance allows for better message clarity so you can be heard loud and clear in all situations.

Expanded Interoperability

The VX-260 series boasts abundant signaling options such as MDC1200®, FleetSync®, DTMF, 2-tone and 5-tone capabilities, providing seamless integration into a mixed fleet.

Safety Not Sacrificed

Emergency alert can be programmed to instantly notify help with a press of a button. Lone Worker is a built-in timer that requires the user to reset at a predetermined interval. If not reset, the radio automatically switches to Emergency mode to alert help. An ideal solution for supervisors to monitor the safety status of radio users working alone. VOX capable with accessory.

Universal Battery System – One Size Fits All

The Universal Battery System for Vertex Standard portable radios takes energy interoperability to a new level by utilizing a single charger base to support multiple radio series when used with designated UNI batteries. Eliminate equipment clutter and confusion by consolidating down to one battery and charging platform and increase your productivity.

Choose the Right Model to Match Your Need

VX-261
• Non-display radio
• 16 channels / 1 group
• 2 custom-programmable keys
• Superior audio quality

VX-264
• Display radio
• 128 channels / 8 groups
• 6 custom-programmable keys
• Embedded voice inversion encryption
• Superior audio quality

VX-261   VX-264

FACTORY WARRANTY
3 Year

The Vertex Standard Difference
Our number one goal is achieving superior customer satisfaction by delivering products and services that exceed your expectations. Vertex Standard radios are built to last and are backed by an industry-leading 3 year warranty.

Additional Features

� 16 / 128 channels (VX-261/VX-264)
▾ 2 or 6 programmable keys (VX-261/VX-264)
▾ 8-Character alphanumeric display (VX-264)
▾ 700 mW Internal Speaker
▾ MDC1200® ANI Encode
▾ FleetSync® ANI Encode
▾ DTMF ANI Encode
▾ 2-Tone Encode/Decode
▾ 5-Tone Encode/Decode
▾ CTCSS / DCS Encode and Decode
▾ Emergency
▾ Lone Worker
▾ Multiple Scan Options
▾ ARTS™
▾ Voice Inversion Encryption (VX-264)
▾ Internal VOX (when used with VOX accessory)
▾ 3 Year Warranty

Accessories

Batteries

▾ FNB-V133LI-UNI 1380 mAh Li-Ion
▾ FNB-V134LI-UNI 2300 mAh Li-Ion
▾ FBA-41 Alkaline Battery case

Chargers

▾ VAC-UNI Single Unit Charger (multiple plugs for both regions)
 – CD-58 Charger Base, PA-55 AC Adaptor
▾ VAC-6058 MUC Charger (multiple plugs for both regions)
▾ VCM-5 Vehicular Charger Mounting Adaptor
 (UNI Charger/Batteries)

Antennas

▾ ATU-6A 400-430 MHz 6.5"
▾ ATU-6D 450-485 MHz 6"
▾ ATU-6DS 450-485 MHz 3.5"
▾ ATU-6F 490-512 MHz
▾ ATV-6B 150-163 MHz 3.5"
▾ ATV-6C 161-174 MHz 3.5"
▾ ATV-6XL Untuned VHF a 7"
▾ ATV-8A 134-150 MHz 6"
▾ ATV-8B 150-163 MHz 6"
▾ ATV-8C 162-174 MHz 6"

Audio Accessories

Speaker Microphones

▾ MH-360S Compact Speaker Microphone with 3.5mm Audio Jack
▾ MH-450S Speaker Microphone with 3.5mm Audio Jack
▾ MH-45B4B Noise Cancelling Speaker Microphone with 3.5mm Audio Jack

Headsets/Earpieces

▾ MH-37A4B-1 Earpiece Microphone
▾ VH-150A VOX capable lightweight headset, Behind-the-Head
▾ VH-150B VOX capable lightweight headset, Over-the-Head
▾ MH-100 Rx only Earpiece, 3.5mm for use with MH-450S
▾ MH-101A4B Single Wire Surveillance Kit
▾ MH-102A4B Two-Wire Surveillance Kit

Programming Equipment

▾ FIF-12 USB interface for PC programming
▾ CT-106 FIF-12 to Radio Cable
▾ CT-27A Radio to Radio Cloning Cable

VX-260 Series Specifications

General Specification	VX-261	VX-264
Frequency Range	VHF: D0:136-174 MHz / UHF: G6:403-470 MHz† / UHF: G7:450-520 MHz	
Dimensions (H x W x D) with FNB-V133LI-UNI (Inch)	4.3 x 2.3 x 1.3 in (109.2 x 58.4 x 32.3 mm)	
Weight	9.9 oz (281 g) (w/FNB-V133LI-UNI, Antenna, Belt Clip) 11.6 oz (330 g) (w/FNB-V134LI-UNI, Antenna, Belt Clip)	
Display	No	8 Character Alphanumeric
Power Output	5 / 1W	
Channel Spacing	25 / 20* / 12.5* kHz	
Audio Output	700 mW @ 16 Ohms (Internal) / 500 mW @ 4 Ohms (External)	
SP size (φ)	36	
Number of Channels	16	128
Number of Groups	1	8
Programmable Buttons	2	6
PC Programming	CE150	
Radio to Radio cloning	Yes	
IP Rating	55	
Power Supply Voltage	7.4 V DC±10 %	
Operating Temperature Range	−22° F to +140° F (−30° C to +60° C)	
Frequency Stability	±2.5 ppm	
RF Input-Output Impedence	50 Ohms	

Receiver Specification: measured by TIA/EIA-603

Circuit Type	Double conversion Superheterodyne	
Sensitivity (12dB SINAD)	0.25 uV typical	
Adjacent Channel Selectivity	65 / 60 dB (25 kHz / 12.5 kHz)	
Frequency	VHF: 136-174 MHz / UHF: 403-470 MHz, 450-520 MHz	
Channel Spacing	25 / 20 / 12.5 kHz	
Intermodulation	65 dB	
Spurious Image Rejection	70 dB	
Hum and Noise	40 dB	
Audio Output (5% THD)	700 mW @ 16 Ohms (Internal) / 500 mW @ 4 Ohms (External)	
Audio Distortion	< 5%	
Conducted Spurious	-57 dB	

Transmitter Specification: measured by TIA/EIA-603

Output Power	5 / 1 Watt	
Modulation	16K0F3E / 14K0F3E (EU) / 11K0F3E	
Maximum Deviation	±5.0 kHz / ±4.0 kHz (EU) / ±2.5 kHz	
Conducted Spurious Emissions	70 dB below carrier	
FM Hum and Noise	40 dB	
Audio Distortion (@1 kHz)	< 5 %	

Applicable MIL-STD

	Methods/Procedures				
Standard	**MIL 810C**	**MIL 810D**	**MIL 810E**	**MIL 810F**	**MIL 810G**
Low Pressure	500.1 – 1	500.2 – 2	500.3 – 2	500.4 – 1,2	500.5 – 1,2
High Temperature	501.1 – 1,2	501.2 – 1/1A, 2/A1	501.3 – 1/A1, 2/A1	501.4 – 1/HOT, 2/HOT	501.5 – 1/A1, 2/A2
Low Temperature	502.1 – 1	502.2 – 1/Cat 3, 2/Cat 1	502.3 – 1/Cat 3, 2/Cat 1	502.4 – 1/Cat 3, 2/Cat 1	502.5 – 1/Cat 3, 2/Cat 1, 3/Cat 1
Temperature Shock	503.1 – 1	503.2 – 1/A1 Cat 3	503.3 – 1/A1 Cat 3	503.4 – 1	503.5 – 1/C
Solar Radiation	505.1 – 2	505.2 – 1	505.3 – 1	505.4 – 1	505.5 – 1/A1
Rain	506.1 – 1,2	506.2 – 1,2	506.3 – 1,2	506.4 – 1, 3	506.5 – 1/3
Humidity	507.1 – 2	507.2 – 2	507.3 – 2	507.4	507.5 – 2/Agg
Salt Spray/Fog	509.1 – 1	509.2 – 1	509.3 – 1	509.4	509.5
Blowing Dust	510.1 – 1	510.2 – 1	510.3 – 1	510.4 – 1	510.5 – 1
Blowing Sand	–	510.2 – 2	510.3 – 2	510.4 – 2	510.5 – 2
Vibration	514.2 – 8/F, W	514.3 – 1/Cat 10, 2/Cat 3	514.4 – 1/Cat 10, 2/Cat 3	514.5 – 1/Cat 24	514.6 – 1/Cat 24
Shock	516.2 – 1,2,3,5	516.3 – 1,4,6	516.4 – 1,4,6	516.5 – 1,4,6	516.6 – 1,4,6