

# The New VX-537

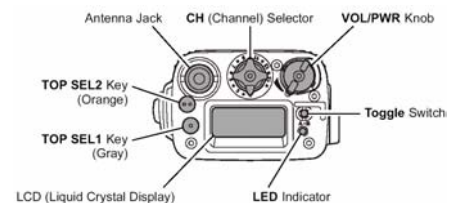
## UHF Portable Radios

Vertex Standard is proud to announce the newest portable in our extensive lineup. The new VX-537 boasts a truckload of features packed into a reliable package. Based on the platform used by NYPD, the VX-537 is built to take the everyday heavy use of public safety and first responders.

VX-537

### Some of the many features are:

- 512 channel capacity
- 8-Character alphanumeric display (with one-touch invert.)
- 450 - 490 MHz
- Full 5 Watt RF power output
- 700 mW audio output (40% increase over 500 mW)
- 10 hours battery life W/O power saver
- CTCSS/DCS mixed on same channel
- 4 programmable softkeys
- Top mounted 3-position toggle switch
- Squelch settings per channel
- Built-in emergency functions
- Follow-me scan
- Built-in noise canceling mic
- Data protected password



***Intrinsically Safe version coming soon !***

Specifications	VX-537
<b>General</b>	
Number of Channels:	512 channels
Frequency Range:	450 - 490 MHz
Channel Spacing:	12.5 / 25 kHz
Battery Voltage:	7.5 VDC $\pm$ 20 %
Battery Life w/FNB-V68LI (5-5-9 duty):	10 hours (13 hours. w/saver) @5.0W
Temperature Range:	-22 °F to +140 °F (-30 °C to +60 °C)
Frequency Stability:	better than $\pm$ 2.5 ppm
Case Size:	2.3" (w) x 6.0" (H) x 1.5" (D) (59 x 152 x 39 mm) w/FNB-29A
	2.3" (w) x 6.4" (H) x 1.5" (D) (59 x 163 x 39 mm) w/FNB-29AL
Weight:	18.7 oz (530 g) w/FNB-29A
	19.4 oz (550 g) w/FNB-29AL
<b>Receiver</b>	
Circuit Type:	Double-conversion Super-heterodyne
IFs:	44.25 MHz, 450 kHz
Sensitivity:	EIA12-dB SINAD: 0.25 $\mu$ V
Adjacent Channel Selectivity:	75 dB (25 kHz) / 68 dB (12.5 kHz)
Intermodulation:	75 dB (25 kHz) / 65 dB (12.5 kHz)
Spurious and Image Rejection:	75 dB
Hum & Noise:	45 dB (25 kHz) / 40 dB (12.5 kHz)
AF Output:	0.7 W @ 16 Ohms, 5 % THD
<b>Transmitter</b>	
Power Output:	5.0 / 2.0 / 1.0 / 0.25 W
Modulation System:	Direct FM; 16K0F3E (25 kHz) 11K0F3E (12.5 kHz)
Conducted Spurious Emissions:	70 dB Below Carrier
FM Hum & Noise:	45 dB (25 kHz) / 40 dB (12.5 kHz)
Audio Distortion (@ 1 kHz):	< 3 %

**Specifications are subject to change without notice or obligation.**