

# VX-260 SERIES

## COMPACT, DEDICATED PTT COMMUNICATION

### PORTABLE ANALOG RADIOS

For basic push-to-talk communication, look to the VX-260 Series.

Choose from two portable analog radios: the VX-261 (without display) and VX-264 (with display). With enhanced interoperability, you can choose from multiple signaling options, such as: MDC1200®, FleetSync®, DTMF, and 2-tone or 5-tone capabilities for seamless integration into a mixed fleet. Compatible with the universal battery system, you'll eliminate equipment clutter and confusion by standardizing on one charging base for the entire team.

#### GENERAL FEATURES

- Channel Capacity:
  - 16 Channels/ 1 Group (VX-261)
  - 128 Channels/ 8 Groups (VX-264)
- Programmable Keys:
  - 2 Programmable Keys (VX-261)
  - 6 Programmable Keys (VX-264)
- Display:
  - No Display (VX-261)
  - 8 Character Alphanumeric Display (VX-264)

- Safety Features:
  - Lone Worker Alert
  - Emergency Alert
- Operates in a Universal Battery System
- Multiple Scan Options
- Auto Range Transponding System (ARTS™)
- Voice Inversion Encryption (VX-264)
- Internal VOX (When Used with VOX Accessory)

#### SIGNALING FEATURES

- CTCSS/DCS Encode and Decode
- MDC-1200® ANI Encode
- FleetSync® ANI Encode
- 2-Tone Encode/Decode
- 5-Tone Encode/Decode
- DTMF ANI Encode



## GENERAL SPECIFICATIONS

	VX-261	VX-264
Frequency Range	VHF: D0:136-174 MHz/UHF: G6:403-470 MHz/UHF: G7:450-512 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	
Battery Life	FNB-V133LI-UNI: 10.8 h (8.8 h w/o Saver)/FNB-V134LI-UNI: 19 h (15.5 h w/o Saver)	
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 Impedance	50 Ohms	

## RECEIVER SPECIFICATIONS 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 SPECIFICATIONS measured by EN 300 086

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

Standard	Methods/Procedures				
	MIL 810C	MIL 810D	MIL 810E	MIL 810F	MIL 810G
Low Pressure	500.1 proc 1	500.2 proc 2	500.3 proc 2	500.4 proc 1/2	500.5 proc 1/2
High Temperature	501.1 proc 1/2	501.2 proc 1/A1 proc 2/A1	501.3 proc 1/A1 proc 2/A1	501.4 proc 1/HOT proc 2/HOT	501.5 proc 1/A1 proc 2/A2
Low Temperature	502.1 proc 1	502.2 proc 1/Cat3 proc 2/Cat 1	502.3 proc 1/Cat 3 proc 2/Cat 1	502.4 proc 1/Cat 3 proc 2/Cat 1	502.5 proc 1/Cat 3 proc 2/Cat 1 proc 3/Cat 1
Temperature Shock	503.1 proc 1	503.2 proc 1/A1 Cat 3	503.3 proc 1/A1 Cat 3	503.4 proc 1	502.5 proc 1/C
Solar Radiation	505.1 proc 2	505.2 proc 1	505.3 proc 1	505.4 proc 1	502.5 proc 1/A1
Rain	506.1 proc 1/2	506.2 proc 1/2	506.3 proc 1/2	506.4 proc 1/3	506.5 proc 1/3
Humidity	507.1 proc 2	507.2 proc 2	507.3 proc 2	507.4	507.5 proc 2/Agg
Salt Spray/Fog	509.1 proc 1	509.2 proc 1	509.3 proc 1	509.4	509.5
Blowing Dust	510.1 proc 1	510.2 proc 1	510.3 proc 1	510.4 proc 1	510.5 proc 1
Blowing Sand	-	510.2 proc 2	510.3 proc 2	510.4 proc 2	510.5 proc 2
Vibration	514.2 proc 8/FW	514.3 proc 1/Cat 10 proc 2/Cat 3	514.4 proc 1/Cat 10 proc 2/Cat 3	514.5 proc 1/Cat 24	514.6 proc 1/Cat 24
Shock	516.2 proc 1/2/3/5	516.3 proc 1/4/6	516.4 proc 1/4/6	516.5 proc 1/4/6	516.6 proc 1/4/6



Motorola Solutions, Inc. 500 West Monroe Street, Chicago, IL 60661 U.S.A. [www.motorolasolutions.com/vx260](http://www.motorolasolutions.com/vx260)

Availability is subject to individual country law and regulations. All specifications shown are typical unless otherwise stated and are subject to change without notice.

MOTOROLA, MOTO, MOTOROLA SOLUTIONS and the Stylized M Logo are trademarks or registered trademarks of Motorola Trademark Holdings, LLC and are used under license. All other trademarks are the property of their respective owners. © 2018 Motorola Solutions, Inc. All rights reserved. 03-2018

## ACCESSORIES

### Antennas

- ATU-6A: 400-430 MHz 6.5" (16.51 cm)
- ATU-6B: 420-450 MHz 6.1" (15.49 cm)
- ATU-6C: 440-470 MHz 6.1" (15.49 cm)
- ATU-6D: 450-485 MHz 6" (15.24 cm)
- ATU-6DS: 450-485 MHz 3.5" (8.89 cm)
- ATU-6F: 490-512 MHz 5.35" (13.58 cm)
- ATV-6B: 150-163 MHz 3.5" (8.89 cm)
- ATV-6C: 161-174 MHz 3.5" (8.89 cm)
- ATV-6XL: Untuned VHF 7" (17.78 cm)
- ATV-8A: 134-150 MHz 6" (15.24 cm)
- ATV-8B: 150-163 MHz 6" (15.24 cm)
- ATV-8C: 162-174 MHz 6" (15.24 cm)

### Battery

- FNB-V133LI-UNI: 1380 mAh Li-Ion
- FNB-V134LI-UNI: 2300 mAh Li-Ion

### Carry Solutions

- LCC-261: Leather Case, Belt Loop (FNB-V133LI)
- LCC-261H: Leather Case, Belt Loop (FNB-V134LI)
- LCC-261S: Leather Case, Swivel Belt Loop (FNB-V133LI)
- LCC-261SH: Leather Case, Swivel Belt Loop (FNB-V134LI)
- LCC-264: Leather Case, Belt Loop (FNB-V133LI)
- LCC-264H: Leather Case, Belt Loop (FNB-V134LI)
- LCC-264S: Leather Case, Swivel Belt Loop (FNB-V133LI)
- LCC-264SH: Leather Case, Swivel Belt Loop (FNB-V134LI)
- CLIP-20: Belt Clip

### Chargers

- CD-58: Charger Base
- PA-55: AC Adaptor
- VAC-6058: MUC Charger (Multiple Plugs for Both Regions)
- VCM-5: Vehicular Charger Mounting Adaptor

### Audio Accessories

- 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
- MH-66A4B IP57: Submersible Speaker Microphone
- 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: 2-Wire Surveillance Kit
- MH-103A4B: 3-Wire Surveillance Kit
- MH-201A4B: Heavy Duty Headset, OTH, IS



VX-261

VX-264



LEWEL Radiokomunikacja  
09-410 Plock, ul. Boryszewska 32  
NIP: 7742364853 REGON: 610405992  
[www.lewel.pl](http://www.lewel.pl) kontakt@lewel.pl  
tel. 243674224, 606223958