

VZ-20/28

UHF/VHF PORTABLE RADIO

The VZ-20/28 radio series are a cost effective radio communication meant for both first time and intermediate users. This portable radio is equipped with the necessary features to ensure reliable communication at an affordable price.

COMPACT AND DISCREET

The compact and discreet size of the VZ-20/28 allows users to seamlessly integrate the radio into existing business operations comfortably.

SIMPLE AND RELIABLE

The VZ-20/28 radio series are easy to use right out of the box and are reliable so you are always in contact with your team.

NEVER MISS A CALL

Scan and Priority Scan options allow you to program and configure your radios to skip channels, letting you communicate quickly using the right channel.

CHANNEL ANNOUNCEMENT

Upon channel switching, the radio announces the current channel. Users can toggle between channels without having to look at the radio, thus improving work productivity.

LOUD AND CLEAR AUDIO

The 1-Watt speaker ensures important communications are heard even in noisy environments.

EASY TO PROGRAM CHANNELS

For the VZ-28 model, up to 128 channels can be stored either through programming software, or front panel. This provides conveniences to the users, avoiding the need to frequently program the radio.

LI-ION BATTERY SOLUTIONS

Up to 11 hours of talk time allows you and your team to get through a shift without worrying about running out of power.

2-PRONG PIN CONNECTOR ACCESSORIES

The 2-prong pin side connector enables standard audio accessories to be used, helping reduce your overall cost of ownership.



VZ-20

VZ-28

ADDITIONAL FEATURES

- ▼ Battery Status Indicator
- ▼ Battery Saver Mode
- ▼ Talkaround
- ▼ CTCSS/DCS Encode/Decode
- ▼ Channel Announcement
- ▼ Internal VOX (Voice Activated Transmit)
- ▼ 2-pin accessory connector
- ▼ Busy Channel Lockout (BCLO)
- ▼ Reverse Burst
- ▼ PTT ID
- ▼ Keypad Lock (for VZ-28 only)

ACCESSORIES

- ▼ VZ Series Antenna 400-470MHz
- ▼ VZ Series Antenna 136-174MHz
- ▼ VZ Series Antenna 350-390MHz
- ▼ FNB-Z182LI Li-Ion 1800 mAh with Fixed Belt Clip
- ▼ VZ Series Belt Clip
- ▼ CV17 Desktop Charger

VZ-20/28 SPECIFICATIONS

GENERAL SPECIFICATION

	VHF	UHF
Frequency Range	136-174 MHz	400-470 MHz 350-390 MHz
Number of Channels	16/128 channels	
Power Supply Voltage (Rated)	7.4 V nominal	
Channel Spacing	25/12.5 kHz	
Battery Life (5-5-90 duty w/battery saver) 1800mAh Li Ion Battery	13 hours (VZ-20) /11 hours (VZ-28)	
IP Rating	IP54	
Operating Temperature Range	-13 F to +140 F (-25 C to +60 C)	
Dimension (H x W x D)	4.3 x 2.3 x 1.4 in (109 x 60 x 37 mm) with 1800 mAh Battery	
Weight (Approx.)	270g w/FNB-Z182Li	

RECEIVER SPECIFICATION

Sensitivity	Analog 12 dB SINAD: 0.22uV	
Adjacent Channel Selectivity	≥ 60 dB @ 12.5 kHz, ≥ 65 dB @ 25 kHz	
Intermodulation	≥ 55 dB (TIA/EIA 603)	
Spurious and Image Rejection	≥ 65 dB	
Audio Output	1W @ 16 Ohms (INT)	
Hum and Noise	40 dB	
Conducted Spurious Emission	-57 dBm for < 1 GHz -47 dBm for > 1 GHz	

TRANSMITTER SPECIFICATION

Output Power (Rated)	5/1 Watt	4/1 Watt
Modulation Limiting	±2.5kHz	
Radiated Spurious Emission	≤ -20dBm 30MHz to 5GHz (TIA/EIA 603)	
FM Hum and Noise	45 / 40 dB	
Audio Distortion	<5%	
Frequency Stability	±1.5ppm	

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