

# VZ-30

## DEDICATED PTT COMMUNICATION

### UHF/VHF PORTABLE RADIO

The VZ-30 is a cost effective radio communication solution 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.

#### **SIMPLE AND RELIABLE**

The VZ-30 radio is easy to use right out of the box and is 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 radio to skip channels, letting you communicate quickly using the right channel.

#### **INTERNAL VOX**

The built-in Voice Activated Transmission (VOX) enables hands-free operation without having to use the radio's Push to Talk button, maximizing productivity and efficiency that's critical to your business.

#### **CHANNEL ANNOUNCEMENT**

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

#### **LOUD AND CLEAR AUDIO**

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

#### **LI-ION BATTERY SOLUTIONS**

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

#### **2-PRONG PIN ACCESSORY CONNECTOR**

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



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## ADDITIONAL FEATURES

- ▼ Battery Status Indicator
- ▼ Battery Saver Mode
- ▼ Talkaround
- ▼ Channel Announcement
- ▼ Internal VOX  
(Voice Activated Transmit)
- ▼ 2-pin Accessory Connector
- ▼ Busy Channel Lockout (BCLO)
- ▼ Reverse Burst
- ▼ PTT ID

## ACCESSORIES

- ▼ CZ083AN605 - UHF Antenna 400-470MHz
- ▼ CZ083AN606 - VHF Antenna 136-174MHz
- ▼ CZ083B618B - FNB-Z181LI Li-Ion 1800 mAh Battery
- ▼ CZ083C618 - CV05 Charger Base
- ▼ CZ083P603 - PV-05C Power Adaptor, EU 2 pin
- ▼ CZ083P604 - PV-05U Power Adaptor, UK 3 pin
- ▼ CZ083CL65 - Belt clip

## VZ-30 SPECIFICATIONS

### GENERAL SPECIFICATION

	VHF	UHF
Frequency Range	136-174 MHz	400-470 MHz
Number of Channels	32	
Power Supply Voltage	7.4 V nominal	
Channel Spacing	25/12.5 kHz	
Battery Life ( 5-5-90 duty w/battery saver) 1800 mAh Li Ion Battery	11 hrs (Analogue)	
IP Rating	IP54	
Operating Temperature Range	-20° C to +60° C (-22° F to +140° F)	
Dimension (H x W x D)	111 x 54 x 34 mm with 1800 mAh Battery	
Weight (Approx.)	295 g w/FNB-Z181I Battery	

### RECEIVER SPECIFICATION

Sensitivity	Analogue 12 db SINAD: 0.25 uV	
Adjacent Channel Selectivity	65 / 60 dB	
Intermodulation	65 / 60 dB	
Spurious and Image Rejection	70 dB	
Audio Output	1 W @ 16 Ohms (INT)	
Hum and Noise	40 dB	
Conducted Spurious Emission	-57 dBm for < 1 GHz -47 dBm for > 1 GHz	

### TRANSMITTER SPECIFICATION

	5/1 W	4/1 W
Output Power	5/1 W	4/1 W
Modulation Limiting	±2.5 kHz	
Conducted Spurious Emissions	-36 dBm for < 1 GHz -30 dBm for > 1 GHz	
FM Hum and Noise	45 /40 dB	
Audio Distortion	<3%	
Frequency Stability	±1.5 ppm	



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