

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.



VZ-30



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 1800mAh 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		7.2 V DC
Channel Spacing		25/12.5 kHz
Battery Life (5-5-90 duty cycle with 1800mAh battery):		11 hours (with battery saver) / 9 hours (without battery saver)
IP Rating		IP54
Operating Temperature Range		-20° C to +60° C (-22° F to +140° F)
Frequency Stability		±1.5 ppm
Dimension (H x W x D)		129 x 58 x 38 with battery
Weight (Approx.)		255g with 1800mAh battery

RECEIVER SPECIFICATION

Sensitivity (12dB SINAD):	0.25uV
Adjacent Channel Selectivity	65 / 60 dB
Intermodulation	65 / 60 dB
Spurious and Image Rejection	70 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	5/1 W	4/1 W
Modulation	11KΦF3E @ 12.5kHz, 16KΦF3E @ 25kHz	
Conducted Spurious Emissions	-36 dBm for < 1 GHz -30 dBm for > 1 GHz	
FM Hum and Noise	45 / 40 dB	
Audio Distortion	≤5%	



Motorola Solutions Ltd. Nova South, 160 Victoria Street, London, SW1E 5LB, United Kingdom www.motorolasolutions.com

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. 08-2018