

VZ Series

VZ-30 Portable Radio - UHF/VHF

Specification Sheet – EMEA

The **VZ-30** is a cost effective radio communication users meant for both basic and intermediate users. This portable radio is equipped with the necessary features to ensure reliable communication between users.

Simple and Reliable

Characteristic of Vertex Standard portable portfolio, the radio is engineered for ease of use with quality in mind.

Versatile Scanning

With both scan and priority scan, user can be assured of flexibility of scan modes for better productivity.

Internal VOX

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

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 conveyed in any noisy environment.

Li-Ion Battery Solutions

1800mAh Li-Ion energy solutions provide up to 11 hours of talk time with 5-5-90 duty cycle comprising 5% transmit, 5% receive and 90% standby.

2-Prong Pin Connector Accessories

The 2-prong pin side connector enables standard audio accessories to be used with this radio, thus lowering the overall cost of ownership and facilitating migration to digital.



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Additional Features

- Battery Status Indicator
- RSSI 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

- VZ Series Antenna 400-470MHz
- VZ Series Antenna 136-174MHz
- FNB-Z181Li Li-Ion 1800 mAh with Fixed Belt Clip
- VZ Series Belt Clip
- CV05 Desktop Charger

VZ-30 Specifications

| | VHF | UHF |
|--|--------------------------------------|-------------|
| General Specification | | |
| Frequency Range | 136-174MHz | 400-470 MHz |
| Number of Channels | 32 | |
| Power Supply Voltage | 7.4V nominal | |
| Channel Spacing | 25/12.5 kHz | |
| Battery Life (5-5-90 duty w/battery saver) 1800mAh Li Ion Battery | 11 hrs (analog) | |
| IP Rating | IP54 | |
| Operating Temperature Range | -22° F to +140° F (-20° C to +60° C) | |
| Dimension (H x W x D) | 111x54x34mm with 1800mAh Battery | |
| Weight (Approx.) | 295 g w/FNB-Z181Li Battery | |
| Receiver Specification | | |
| Sensitivity | Analog 12 db 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 | -57dBm for <1GHz -47dBm for >1GHz | |
| Transmitter Specification | | |
| Output Power | 5/1 Watt | 4/1 Watt |
| Modulation Limiting | ±2.5kHz | |
| Conducted Spurious Emissions | -36dBm for <1GHz -30dBm for >1GHz | |
| FM Hum and Noise | 45 / 40 dB | |
| Audio Distortion | <3% | |
| Frequency Stability | ±1.5ppm | |

