

VZ™ Series

VZ-28s Portable - SRRS Radio

Specification Sheet – APAC

The VZ-28s is designed with essential features and quality standards to ensure that users can communicate with ease.

40 Approved SRRS Channels

Equipped with 40 Short Range Radio Service (SRRS) channels, users can easily pick-up this radio and operate it without the usual programming required of most radios.

Compact Form Factor

VZ-28s is designed with the small business, hospitality, retail and family in mind. With a compact form factor, the handy size radio allows its user to seamlessly integrate the radio into the existing business operations and daily activities.

Simple and Reliable

With characteristics of Vertex Standard portable radio portfolio, VZ-28s is engineered for ease of use with high quality assurance.

Channel Announcement

Upon channel switching, the radio announces the current channel in use. 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.



VZ-28s

Additional Features

- Battery Status Indicator
- Battery Saver Mode
- 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

Accessories

- VZ Series Antenna 325MHz
- FNB-ZI82LI Li-Ion 1800 mAh with Fixed Belt Clip
- VZ Series Belt Clip
- CV17 Desktop Charger

VZ-28s Specifications

VZ-28s Specifications		UHF
General Specification		
Frequency Range		325 MHz
Number of Channels		40 channels
Power Supply Voltage		7.4V nominal
Channel Spacing		12.5 kHz
Battery Life (5-5-90 duty w/battery saver) 1800mAh Li Ion Battery		11 hours
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-ZI82Li
Receiver Specification		
Sensitivity		Analog 12 dB SINAD: 0.20uV
Adjacent Channel Selectivity		65 / 60 dB
Intermodulation		60 / 55 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		1/2.5 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