

## General

Frequency Ranges	TX: UHF 400-470 MHz Other Transmit Frequencies Are Customizable.
	RX: 136-174 MHz
	400-520 MHz
	87-108 MHz
Channel Steps	2.5 KHz / 5 KHz / 6.25 KHz / 10 KHz / 12.5 KHz / 25 KHz / 50 KHz / 100 KHz
Channel Bandwidth	12.5/25 KHz
Frequency Stability	±1.5 ppm
Number of Channels	32*6
Battery Voltage	7.4V
Battery Capacity	2600 mAh
Operating Temperature	-20 °C To +60 °C
Dimensions	60*40*130 mm (not include antenna)
Weight	312 g
Antenna Impedance	50 Ω

Receiver		Transmitter	
Sensitivity (12dB SINAD)	0.16 uV	RF Output Power	≤5W
Adjacent Channel Selectivity	≥68 dB	Adjacent Channel Power Suppression	≤-68 dB
Intermodulation Immunity	≥65 dB	Spurious and Harmonics	≤-60 dB
Spurious Response Immunity	≥65 dB	FM Noise	45 dB
Audio Distortion	≤3 %	FM Distortion	≤3%
Audio Output Power	2W		

Your Local Dealer

### VERO Global Communication Co.,Ltd.

Tel: 0595-2249 6660 E-mail: info@verotelecom.com  
www.vero-china.cn

Note: The above specifications are all from laboratory data; Due to continuous technological upgrades, data is subject to change without prior notice.

VERO is the registered trademark of vero global communication co.,ltd.  
VERO global communication co.,ltd.all rights reserved.



## UHF/VHF Handheld Radio VR-N75

# Rugged. Reliable. Ready.

- IP67 Waterproof and Dustproof
- Onboard GPS & Compass
- Remote Link Management
- APRS with Real-Time Tracking
- Connect & Control via App



TEXT



Location Sharing



GPS



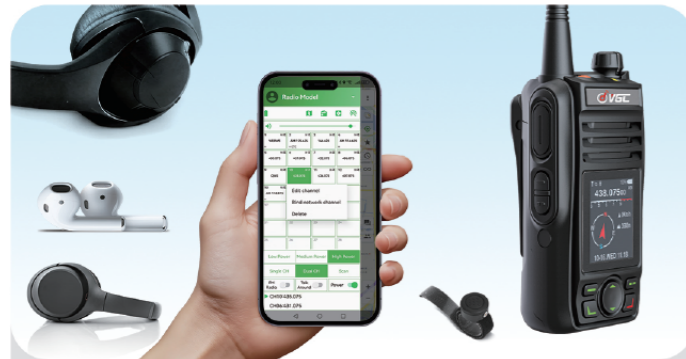
# VR-N75 7W Radio

Experience Next-Level  
Communication

Connect & Control via App



Meet the VR-N75: a single-band powerhouse built for demanding environments. Featuring integrated Bluetooth, GPS, and an electronic compass, it keeps you connected and oriented, anywhere. Encased in a rugged IP67-rated waterproof body, it stands up to the toughest conditions. Simple to set up via smartphone app and designed for clarity and endurance, the VR-N75 is the dependable choice when communication cannot fail.



## A Real Bluetooth Two Way Radio

The VR-N75 redefines wireless communication with true Bluetooth integration. It enables online firmware updates and programming via a smartphone, ensuring convenient maintenance. The radio connects seamlessly to vehicle audio systems and Bluetooth headsets via the BS-PTT accessory. By combining audio, data, and updates in one device, it sets a new standard for modern communication.



## IP67 Waterproof & Rugged

Built to the IP67 standard, the VR-N75 can be submerged in 1 meter of water for up to 30 minutes. Its rugged casing is engineered for reliable communication in the harshest conditions.



## Onboard GPS & Compass

The built-in GPS, electronic compass, and gyroscope provide real-time data on position, direction, altitude, and speed. Paired with our proprietary BSS system, it enables real-time display of team-mates' locations, bearings, and distances, supporting precise visual coordination for team operations.



## High Power up to 6W

With 6W max output and three power settings (High/Medium/Low), it optimizes both signal range and battery life for any scenario.

## Product Features

### • Wide Receive Range

Covers 136-174 MHz & 400-520 MHz, offering exceptional versatility for monitoring a broad spectrum of communications.

### • Unique Signaling & Messaging

Exchange short data messages and use the calling feature to alert other units, all without cellular service. The "Nearby People" function provides real-time location feedback.

### • Dedicated Mobile App

Customize your radio with ease by downloading the "HT" Programmer App (Google Play) or "BS HT" (Apple App Store).

### • Audio Relay

Extend your communication range through store-and-forward voice messaging between radios.

### • Global Network Groups

Use the HT app to join worldwide network groups and stay connected across the globe.

### • Remote Link Management

Operate your home base station and connect to local repeaters remotely via your smartphone.

### • Cross Band Repeater Between Network & Analog Channels

Bridge the gap with our dedicated app. Seamlessly relay communications between analog and network channels, extending your reach and ensuring reliable connectivity—no matter the distance.

### • Firmware Upgradeable via App

Always evolving. Update seamlessly through the app to access new features and enhancements, keeping your device at the forefront of performance.

## Accessories



## Optional accessories

