



General

Frequency Ranges	VHF:136-174 MHz (144-148 Ham Band)
	UHF:400-470 MHz (430-440 Ham Band) 300-550MHz* (RX Only)
	FM :87-108 MHz*
	AM:108-136 MHz* (Rx Only)
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	+2.5 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		


Optional Colors	Certification
 <p>Desert Black Green Yellow Orange Blue Red</p>	 <p>FCC ID : ZVM-VR-N76 EN 300086 EN 301 783</p>

Your Local Dealer

VERO Global Communication Co.,Ltd.

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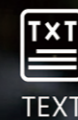
Note: The above specifications are all from laboratory data; Due to continuous technological upgrades, data is subject to change without prior notice.

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Dual Band U&V Handheld Radio VR-N76

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



TEXT



Location Sharing



GPS



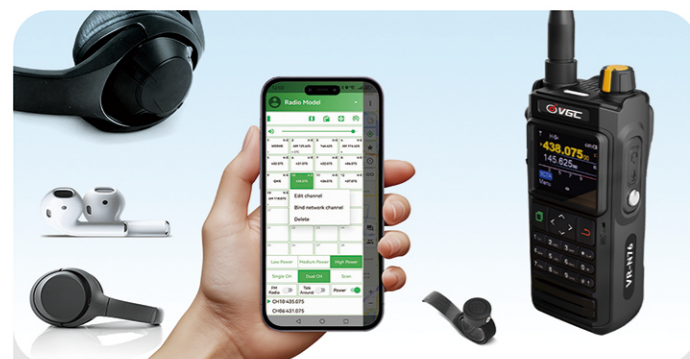
VR-N76 7W Radio

Experience Next-Level
Communication

Connect & Control via App



Elevate your communication with the VR-N76, the ultimate Dual-Band radio. It comes equipped with Bluetooth, GPS, a compass, and a built-in speedometer for a premium experience. Designed for ease, its intuitive interface can be programmed through a simple smartphone app, making it the perfect choice for everyone. Built to last, the VR-N76 is waterproof (IP67 rated) and rigorously tested for reliability in any environment. Combined with channel-sharing capabilities, a long-lasting battery, and user-selectable listening modes, it offers unparalleled versatility.



A Real Bluetooth Two Way Radio

The VR-N76 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-N76 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

Equipped with a built-in GPS, compass, and gyroscope, the VR-N76 shows your direction, speed, elevation, and exact coordinates right on its display.



KISS TNC Support

With built-in KISS TNC support, the VR-N76 integrates seamlessly with apps like APRSdroid, Winlink, and RadioMail. This enables advanced functions including real-time tracking, digital messaging, and robust packet data operations for off-grid and emergency communication.

Product Features

• Global Network Groups

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

• Frequency Sync & Rapid Scan

Quickly find and lock onto active frequencies in your area with the Frequency Sync rapid scanning feature.

• Air Band Reception

Monitor air traffic clearly with dedicated aviation band reception for enhanced situational awareness.

• Remote Link Management

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

• Audio Relay

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

• Dedicated Mobile App

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

• High Power up to 7W

With 7W max output and three power settings (High/Medium/Low), it optimizes both signal range and battery life for any scenario.

• Wide Receive Range

Covers 136-174 MHz & 300-520 MHz, offering exceptional versatility for monitoring a broad spectrum of communications.

• USB Type-C Charging

Features USB Type-C support with PD protocol, allowing for convenient charging via power banks and eliminating the need for bulky docking stations.

• APRS/BSS with Real-Time Tracking

Supports APRS on an independent channel and the BSS protocol for teams without callsigns, ensuring seamless tracking and compatibility for all user groups.

• 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.

Accessories



Battery



Manual



Belt clip



Type-C charging cable

Color Ring



Antenna

Optional accessories



BHM-79 Desert Speaker Microphone



BHM-79 Black Speaker Microphone



Wireless PTT Button



BHM-88 Desert Speaker Microphone



BHM-88 Black Speaker Microphone



VERO K1 Adapter