

V7

WALKIE TALKIE

BUILT TO CONNECT. ENGINEERED TO PERFORM.

Ranger V7 is built for those who demand powerful performance, crystal-clear audio, and unmatched reliability in every mission.

**APPROVED BY W.P.C, GOVT OF INDIA
ORDER NO. 1047 (E)**

LICENSE-FREE WALKIE TALKIE

KEY FEATURES

 **99 CHANNELS**

 **TYPE-C CHARGING**

 **MANUAL CTSS/DCS SWITCHING**

 **VOX**

 **CHANNEL SCAN**

 **SCRAMBLER**

 **EMERGENCY ALARM**

 **BRIGHTNESS ADJUSTABLE**

 **NOISE REDUCTION**

 **IP67 - SUBMERSIBLE IN WATER UPTO 1 METER**

 **LOW BATTERY**

 **CUSTOMIZABLE BUTTON FUNCTIONS**

 **AUTO POWER SAVING**

 **AUTO KEY LOCK**

 **RSSI BAR DISPLAY**

 **HIGH CAPACITY BATTERY (4200mAh)**



RANGE. REDEFINED.



Built tough.

Rugged body designed to withstand extreme conditions, meets MIL STD - 810 standards.



Crystal-clear Communication.

Advanced noise reduction technology ensures loud, clear, and uninterrupted communication.



Long range. Strong signal.

Stay connected over long distances with a powerful signal that keeps you covered.



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TECHNICAL SPECIFICATIONS

GENERAL SPECS

Frequency range	446-446.2 MHz
Channel capacity	99 Channels
Operation Voltage	DC 7.4V
Antenna Impedence	50Ω
Channel spacing	12.5KHz
Operating Temperature	-20°C to +60°C
Frequency Stability	±2.5 PPM
Dimension	149*64*37mm
Weight	292g
Battery Capacity	4200mAH

TRANSMITTER SPECS

RF Power Output	0.5 w
Modulation Type	F3E
Max Frequency Deviation	2.5KHz@12.5KHz
FM Hum & Noise	<45dB
Tx Audio Distortion	<3%
Adjacent Channel Power	<70dB

RECEIVER SPECS

Receiving Sensitivity	0.2μV@12dB SINAD
Adjacent Channel Selectivity	≥70dB
Modulation Type	F3E
Audio Distortion	<3%
Audio Output Power	1W

STANDARD ACCESSORIES

					
Antenna	Battery	Dock Charger	Adaptor	Belt Clip	Type-C Cable