

RANGER



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 CTSSS/DCS SWITCHING	 VOX
 CHANNEL SCAN	 SCRAMBLER
 EMERGENCY ALARM	 BRIGHTNESS ADJUSTABLE
 NOISE REDUCTION	 IP67 - SUBMERSIBLE IN WATER UPTO 1 METER
 LOW BATTERY ALERT	 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