

RANGER



V5

WALKIE TALKIE

INDIA'S 1ST WALKIE TALKIE WITH METAL BODY

Ranger V5 is India's 1st & only metal-body radio, engineered for superior performance in the most demanding work environments.

**PMR 446
LICENSE-FREE
FM TRANSCEIVER**

**APPROVED BY
GOVT. OF INDIA
ORDER NO. 1047 (E)**



**LONG RANGE
PERFORMANCE**

199

199 CHANNELS



CRISP & CLEAR VOICE



**MANUAL CTSSS/DCS
SWITCHING**



VOX (HANDS-FREE)



CHANNEL SCAN



SCRAMBLER



EMERGENCY ALARM



LOW BATTERY ALERT



**CUSTOMIZABLE BUTTON
FUNCTIONS**



AUTO KEY LOCK



RSSI BAR DISPLAY

BUILT FOR EVERY INDUSTRY



SECURITY



HOSPITALITY



**TRANSPORT &
LOGISTICS**



**MINING &
QUARRYING**



MANUFACTURING



EVENTS



CONSTRUCTION

RANGE. REDEFINED.



Built tough.

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



IP67 Rated.

Submersible in 1 meter of water.



Long Battery Life.

High capacity battery (3800mAh) for extended usage.

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TECHNICAL SPECIFICATIONS

GENERAL SPECS

Frequency range	446-446.2 MHz
Channel capacity	199 Channels
Channel spacing	12.5KHz
Operation Voltage	DC 7.4V
Antenna Impedence	50Ω
Operating Temperature	-20 to +60°C
Frequency Stability	±2.5 ppm
Dimension	130*57*34mm
Weight	240g
Battery Capacity	3800mAh (Li-Ion)

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	0.20μV @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