

Two-way Radio



Features and Functions

- 50 CTCSS/105CDCSS
- VOX Function
- PC Programming
- High/Low Transmit Power
- FM Radio Built-in
- Emergency Alarm
- Intelligent Charging
- Voice Prompt
- Battery Save
- Low Voltage Alert
- Time-out Timer
- Busy Channel Lockout

OK-868 UHF (Malaysia)

Technical Specification.

General

Frequency Range	UHF 400-470MHz
Channel Capacity	16
Channel Spacing	25KHz
Operated Voltage	7.4 V
Battery	H - 1300MAh Li-ion
Battery Life (5-5-90 duty cycle)	About 9 hours
Frequency Stability	± 2.5 ppm
Operated Temperature	- 30°C - + 60°C
Antenna Impedance	50
Dimensions (L×W×H) (with battery, without Antenna)	110 x 50 x 34mm
Weight (with battery/antenna)	198g
Communication Range	About 3km

Transmitter

RF Power Output	3/5W
Modulation	F3E
Spurious Emission	≤ 65 dB
FM Noise	≤ -45 dB
Audio Distortion	$\leq 5\%$
Transmitting Current	< 1.5 A

Receiver

Sensitivity (12dB SINAD)	≤ 0.20 μ V
Selectivity	55dB/50dB
Inter modulation	≥ 65 dB
Adjacent Channel Selectivity	≥ 60 dB
Spurious Response	≥ 60 dB
FM Noise	45dB/40dB
Audio Power Output	800mW
Audio Distortion	$\leq 5\%$
Standby Current (with battery save on)	≈ 15 mA

Standar Accessories



RANGER
Communications, Inc.

RANGER COMMUNICATIONS (M) SDN. BHD

Address: 8716 Batu Berendam FTZ III,
75350 Batu Berendam
Melaka, Malaysia.