

GOVERNMENT APPROVED
LICENSE FREE
FM Walky Talky



Professional FM Transceiver

Non-standard

CTCSS/DCS input

CTCSS/DCS encoding

and decoding

- ▶ Scrambler
- ▶ Scan function
- ▶ Vox function
- ▶ Voice prompt
- ▶ Busy channel lock
- ▶ Battery saving function
- ▶ Compander function
- ▶ 3200 mAh Battery
- ▶ Rugged design

RIO

PROFESSIONAL FM TRANSCEIVER

MAIN FUNCTIONS

Scrambler
Scan Function
VOX Function
Voice Prompt
Busy channel lock
Battery saving function
Compander function
CTCSS/DCS encoding and decoding
PC programmable
Non-standard CTCSS/DCS input
3200 mAh Battery
Rugged design

STANDARD ACCESSORIES



OPTIONAL ACCESSORIES



GENERAL

Frequency Range	PMR446
Channel Capacity	16 Channels
Channel Spacing	12.5KHz/25KHz
Frequency Stability	±2.5ppm
Operating Temperature	-20-+60°C
Antenna Impedance	50
Operating Voltage	7.2V
Dimensions	111.2x55.8x34.6mm
Weight	220g
Battery	3200mAh

TRANSMITTER

RF Output Power	0.5W
Modulation Type	16K F3E
Modulation Limiting	5KHz
Modulation Character	+3dB/-3dB
Spurious Radiation	0.75W
Adjacent Ch power	≥65dB
Max Fr. Deviation	≤5KHz
Occupied Bandwidth	≤16KHz

RECEIVER

Receiving Sensitivity	0.25 V
Adjacent Ch. Selectivity	60dB
Inter-modulation	60dB
Co-channel Suppression	-8dB
Audio Response	+2dB-10dB
Audio Output	1mw
Audio Distortion	≤3%