



Amateur Handheld Transceiver  
PMR446=0.5 watt UHF≤2.5 watt

# TH-258



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Amateur Handheld Transceiver



### Main Functions

- High/low power selective
- Low battery alert
- Squelch level selectable
- TOT
- Wide/narrow bandwidth selective
- 1750 tone
- Scan
- VOX
- DTMF
- Non-standard CTCSS/DCS
- Scrambler
- PTT ID
- Battery saving function
- Busy channel lock

General	Transmitter	Receiver
Frequency Range : 400.000-470.000MHz,	Frequency Stability: 5ppm	Sensitivity: -122dbm (12db SINAD)
Channel: 99	Modulation Type: 16KφF3E /11KφF3E	Audio output power: > 0.5W
Voltage: 3.7VDC	RF Power: ≤2.5W	Current: ≤250mA (16Ω Load)
Antenna: Helical antenna	Current: ≤1.5A (H) / ≤1A (L)	Audio Distortion: ≤5%
Antenna Impedence: 50Ω	Max Fr.Deviation: ≤±5KHz / ≤±2.5KHz	Intermediation: ≥55dB / ≥50dB
Working mode: Simplex	Modulation Sensitivity: 10±4mv	Selectivity: ≥55dB / ≥50dB
Operating Temperature: -10°C ~+50°C	Modulation distortion : <5%	Spurious Rejection: ≥55dB / ≥50dB
Net Weight : 131g(including antenna and battery)	Hum&Noise(dB): Wide band≥40,Narrow band≥35	Co Channel Rejection: ≥-8dB
Dimension : 151mm*55mm*31mm	CTCSS deviation: 0.7±0.1 / 0.35±0.1	Blocking: ≥85dB
Battery Capacity:1400mAh	DCS deviation: 1±0.1 / 0.5±0.1	
	Adjacent channel power: ≥65dB / ≥60dB	
	Spurious Power: ≤7.5μW	

### Standard Accessories



### Application scope:

Tourism, entertainment, outdoor club, QUAD, Taxi company, Transportation, Police, public security



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