

# tekom<sup>®</sup>

## TD-150LG PMR446

Rugged-Reliable Two-way Radio

DIGITAL  RADIO



Reliable&Durable Digital Mobile Radio

- 32 Channels
- Power Output: 0.5W
- Small Size and Light Weight
- Powerful Audio Output
- Fixed Antenna

 DIGITAL MOBILE RADIO ASSOCIATION



# TD-150LG PMR446Radio

## Handheld Two-way Radio



### Main Features

- Support Digital/Analog Function
- Side Key Assignment Programmable
- High/Low Power
- VOX
- TOT
- TX Prohibited/RX only
- Busy Channel Lockout
- Emergency Alarm
- Talk Around
- Battery Save
- Write/Read Password
- Priority Scan Mode

### Main Features (Digital)

- Individual Call、Group Call、All Call
- Voice Encryption
- Remote Alarm、Remote Monitoring
- Remote Stun、Remote Kill
- Remote Activation

### Main Features (Analog)

- CTCSS、DCS

### Accessories



### General

Frequency Range:	PMR 446 MHz
Channel Capacity	32Channels
Zone Space	2Channels
Battery Capacity	1800mAh(Li-Ion Battery)
Operation Voltage	DC: 3.7V ± 10%
Operating Temperature	-20°C ~ +60°C
Frequency Stability	± 0.5ppm
Antenna Impedance	50 Ω
Weight(Antenna & Battery Included)	126g
Dimension(W*H*D)(Projections excluded)	46 × 27 × 90mm

### Transmitter (ETSI EN 300 086 Testing Standard)

Output Power	0.5W
Modulation Limiting	± 2.5@12.5KHz
Conducted Spurious Emission	-36dBm < 1GHz / -30dBm > 1GHz
FM Hum&Noise	45/40dB
Audio Distortion	≤ 3%
Frequency Stability	± 1.5ppm
Analog Modulation	11K φ F3E@12.5KHz
4FSK Digital Modulation	12.5KHzData: 7K60F10/7K60FXD 12.5KHzVoice: 7K60F1E/7K60FXE
Digital Protocol	ETSI TS 102 361-1,-2,-3

### Receiver (ETSI EN 300 086 Testing Standard)

Sensitivity	Analog 12dB SINAD: 0.22 μ V Digital 5% BER: 0.25 μ V
Adjacent Channel Selectivity	65/60dB(12.5KHz)
Intermodulation	60/55dB(12.5KHz)
Audio Output	≤ 1W
Hum&Noise	40dB

Above specifications are tested according to TIA/EIA-603.  
Above specifications are subject to change without any notice due to technology enhancement.

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