

  
**TDMR**

**DR 6**

## DIGITAL TWO-WAY PORTABLE RADIOS

The most affordable  
Digital Radio ever.  
Smart. Efficient. Accurate.

### CRYSTAL CLEAR AUDIO

No hissing, crackling or background noise.  
Just a great radio at all times as long as you  
are within the coverage.

### EXTENDED TALKTIME

Digital format enables up to 40 percent  
improvement in talk time in comparison  
with analogue radios. DMR digital radios  
features Sleep and Power-management  
technologies which enhances battery life and  
extends talktime even further.

### DURABLE & RELIABLE

A protective tough and rugged casing ensures  
its reliability and performance in its daily field  
operations.

### ANALOGUE & DIGITAL

Easy and convenient to migrate from analogue  
to digital.

### BATTERY LATCH LOCK

Keeps the battery firmly and securely in place  
when the radio is accidentally dropped.

### PROGRAMMABLE

Digital radios are programmable for Radio ID,  
Zone, Shortcut Button and Channel Frequency.



# DR 6

## PROGRAMMABLE FEATURES

- HIGH/LOW POWER
- SYSTEM SCAN
- MONITOR
- TIGHT/NORMAL SQUELCH
- REPEATER/TALKAROUND

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## Specifications

Model NO.	DR6
Frequency Range	UHF:400-470MHz / VHF:136-174MHz
Channel Capacity	32 Channels
Channel Spacing	12.5KHz
Battery Type	Lithium-ion
Operating Temperature	-20°C to +50°C
Antenna Connector	SMA-K
Antenna Impedance	50 Ohms
Audio Output Power	≤1000mW@16 Ohms
Dimension (H*W*D)	128*61*38mm
Weight	258g

### Transmitter

Output Power	High: ≤ 5W    Low: ≤ 1W
Frequency Stability	±2.5PPM
Adjacent Channel Power	≤ -60dB
Free Time Slot Power	TDMA ≤ 57dBm
Spurious Radiation	Antenna: 9KHz-1GHz ≤ -36dBm 1GHz-12.75GHz ≤ -30dBm
Modulation BER (Bit Error Rate)	≤ 5%

### Receiver

Sensitivity	≤ -117dBm (Ber≤5%)
Co-channel Rejection	≥ -12dB
Adjacent Channel Selectivity	≥ 60dB
Spurious Response Anti-interference	45dB
Inter-Modulation Response	≥ 65dB(ETSI)
Spurious Radiation	Antenna: 9KHz-1GHz ≤ -57dBm 1GHz-12.75GHz ≤ -47dBm

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### AUTHORISED DEALER:



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