

DR **6**

DIGITAL TWO-WAY PORTABLE RADIOS

Stay Connected, Stay Productive

With this dynamic TDMR digital two-way radios, you're better connected, safer and productive.

- RUGGED STRUCTURE
- CLEAR SOUND QUALITY
- EXTENDED TALKTIME
- ANALOG & DIGITAL
- HIGH/LOW POWER
- REPEATER/TALKAROUND
- EASY & RELIABLE COMMUNICATION

EMPOWERING DIGITAL COMMUNICATIONS



GENERAL SPECIFICATIONS

Frequency	UHF : 400 – 470 MHz
Channel Spacing	12.5kHz / 25kHz
Channel Capacity	32
Supported Operating Modes	Analog, Digital (DMR / ADR)
Power Supply (Nominal)	7.4V
Accessories Connector	2.5mm + 3.5mm
Antenna	Removable antenna
Battery Capacity	2000mAh Li-Ion
Battery Life (Batt. Save Mode) (5-5-90)	Analog : 4W (>11 hours) Digital : 4W (>13 hours)
Weight	306g (Include battery)
Dimensions (H x W x)	W/O Antenna : 118 x 57 x 36 mm W/Antenna : 220 x 57 x 36 mm

TRANSMITTER

Power Output	0.5W (L) / 4W (H)
Modulation Limiting	±2.5kHz @ 12.5kHz / ±5kHz @ 25kHz
Adjacent Channel Power	±12.5kHz ≤ -60dB
Audio Distortion	< 5%
Digital Vocoder	AMBE+2 / Unique Vocoder
Max Audio Output	1.5W
Hum and Noise	< -40dB, < -45dB
Frequency Error	±0.5ppm
Conducted/ Radiated Emission	-36<1GHz, -30>1GHz

RECEIVER

Sensitivity (Typical)	Analog : 0.22µV (12dB SINAD) Digital : 0.22µV / BER5%
Intermodulation	Analog : 60dB @ 12.5/25kHz Digital : 65dB @ 12.5/25kHz
Adjacent Channel Selectivity	60dB @ 12.5kHz / 65dB @ 25kHz
Spurious Response	63dB @ 12.5/25kHz
PL CSQ Hum & Noise	> 35dB
Radiated Emission	-57dBm < 1GHz, -47dBm > 1GHz

ENVIRONMENTAL

Operating Temperature	-30 °C to +55 °C
Storage Temperature	-40 °C to +85 °C
ESD	IEC 61000-4-2 Level 4
Dust and Water Ingress Protection	IP 65
Military Standard	MIL-STD-810 C/D/E/F/G

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The most affordable
Digital Radio ever.

