

PROFESSIONAL DMR TWO-WAY RADIO

- IP67 (Dust and Water Resistant)
- Power On/Off
- 2 Tone (Analog)/ 5 tone (Analog)/DTMF (Analog)
- MDC System (Analog)
- Private Call/ Group Call/ All Call (Digital Mode)
- Emergency System
- Scan On/Off
- Zone Selection
- Text Message
- GPS Localization (Optional)
- Recording and Play Back (Optional)
- Man-Down (Optional)



General Specifications

Power Supply	7.5V DC
Frequencies – Full bandsplit	136-174 Mhz/400-470 Mhz 450-520 Mhz/350-400 Mhz
Number of Channels	32 channels
Maximum number of zones	2
Maximum number of channels per zone	16
Channel Spacing	12.5/25kHz
Operating Temperature	-25°C + 60°C
Dimensions (H x W x D)	138 x 60 x 41 (mm)
Weight (g)	300g
Battery Capacity	2000 mAh Li-Ion (Standard), 2600 mAh Li-Ion (optional)

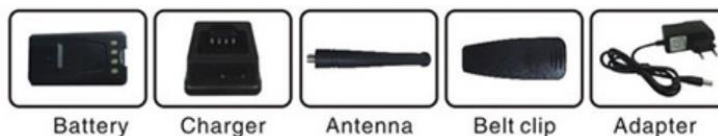
Transmitter Specifications

Frequency Stability	1.25ppm
Power Output	1W (L), 4or5W(H) 12.5 KHz Data Only: 7K60FXD
4FSK Digital Modulation	12.5KHz Data and Voice:7K60FXW
Digital Vocoder Type	AMBE++ or SELP
Digital Protocol	ETSI-TS102 361-1,-2,-3
Modulation Limiting	±2.5kHz@12.5kHz
FM Hum and Noise	-40dB
Conducted/Radiated Emission	-36dBm < 1GHz, -30dBm > 1Ghz
Adjacent Channel Power	-60dB
Adjacent Transient Channel Power	-50dB
Audio Response (300-3000Hz)	+1 ~ -3 dB
Audio Distortion	< 5%

Receiver Specifications

Analog Sensitivity	0.35µV/-116dBm (20db SINAD).22µV/-122dBm (12 db SINAD)
Digital Sensitivity	0.3µV/-117.4dBm (BER 5%)
Intermodulation	TIA603 70 dB; ETSI 65dB
Adjacent Channel Selectivity	60 dB
Spurious Rejection	70 dB
Blocking	80 dB
Rated Audio	1000mW
Audio Distortion @ Rated Audio	3%
Audio Response (300-3000Hz)	+1 ~ -3 dB
Conducted Spurious Emission	-57 dBm<1 GHz, -47 dBm>1GHz ETS 300 086

Standard Accessories



Battery

Charger

Antenna

Belt clip

Adapter