



MotoTRBO & Hytera  
**COMPATIBLE.**  
 Waterproof IP65.  
 Military Grade.  
 1,000 /32 CH Capacity.  
 FCC, IC, IFTEL  
 certified.  
 5w/1w VHF  
 4w/1w UHF

**DMR**  
 DIGITAL TWO-WAY RADIO

# ZONE™

## General

Frequency Range	UHF 400-470MHz VHF 136-174MHz
Channel Capacity	ZONE-KP : 1000 ZONE: 32
Zone Capacity (16 channels per zone)	ZONE-KP :250 ZONE: 2
Channel Spacing	Analog : 25/12.5kHz, Digital : 12.5kHz
Working Voltage	7.4V Rated
Frequency Stability	± 1.5 ppm
Antenna Impedance	50Ω
Dimensions (H*W*D)	5.3" x 2.4" x 1.6"
Weight	9 ounces with battery, antenna, belt clip.

## Transmitter

Power Output	4W/1W - UHF 5W/1W -VHF
FM Modulation	11KΦF3E @ 12.5 kHz; 16KΦF3E @ 25 kHz
4FSK Digital Modulation	12.5kHz Data only: 7K60FXD 12.5kHz Data & Voice: 7K60FXW
Spurious Emission	-36dBm<1GHz; -30dBm>1GHz
Modulation Limiting	±2.5kHz @ 12.5 kHz; ±5.0kHz @ 25 kHz
FM Hum & Noise	40dB @ 12.5 kHz; 45dB @ 25 kHz
Adjacent Channel Power	60dB @ 12.5 kHz; 70dB @ 20/25 kHz
Audio Response	+1~-3dB
Audio Distortion	5% (3% typical)

## Receiver

Sensitivity (Analog)	0.2μV (12dB SINAD)
Sensitivity (Digital)	0.3μV /BER5%
Selectivity TIA603 ETSI	60dB @ 12.5kHz / 70dB @ 25kHz 60dB @ 12.5kHz / 70dB @ 25kHz
Intermodulation TIA603 ETSI	65dB @ 12.5/25 kHz
Spurious Response Rejection TIA603 ETSI	70dB @ 12.5/25 kHz
SNR	40dB @ 12.5 kHz 45dB @ 25 kHz
Conducted Spurious Emission	-57 dBm
Audio Power Output	1W
Audio Distortion	3% (typical)
Audio Response	+1~-3dB
Digital Vocoder Type	AMBE+2™
Digital Protocol	ETSI TS 102 361-1, -2, -3

SILICONE CASE



**FalconWireless**

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Give us a call at 205.854.2611 - Give us a watch at [youtube.com/watch?v=0krAITDR0fQ](https://www.youtube.com/watch?v=0krAITDR0fQ)