



MVP
VOICE

AN ASME (LIANHE ZHIBAO) AWARD
新加坡金字品牌奖
Singapore
Prestige
Brand Award 16
Winner: SPBA - Micro Brands

MVP 838 PLUS

Digital Mobile Radio



Built to the highest standard to equip you and your team with rugged yet reliable and secure digital mobile radio. Make your workplace more efficient with outstanding digital voice and advanced features such as seamless switch to analogue mode and back. Rated IP65 for superior protection against water and dust.



IP65
Rating



Analogue + Digital
Mode



MIL810F
Tested



Wide Band
Frequencies



Versatile Calls
& Data Service



Superior
Digital Voice

TECHNICAL SPECIFICATIONS

Frequency Range	136-174MHz	FM Hum & Noise	-40dB
Channel Info	32 Channels, 2 zones Multi-channel Scan 12.5kHz / 25 kHz channel spacing	4FSK Digital Mode	12.5kHz (data only); 7K60FXD
Power Features	Operating voltage: 7.5v 1700 mAh Li-ion Battery Analogue mode: 14h Digital mode: 11h	4FSK Modulation Accuracy	12.5kHz (data+voice); 7K60FXE
Audio Features	Voice Channel Annunciation Squelch tail elimination Emergency Alert 60 seconds per voice message Whisper	Nonactive Slot Power	5% @ 25°C, 10% @ extreme temp
Operating Temp	-30°C to 60°C	Audio Response (300-3000Hz)	-1 -3dBm
Dimensions	96.5 (H) x 54 (W) x 33 (D) mm	Digital Protocol	<3%
Antenna Impedance	50 Ω	Vocoder	AMBE+2
Weight	275 g (inc. battery)	Receiver	
Protection Rating	IP65 Water Resistant, Compliant to MIL-STD 810	Analogue Sensitivity	0.35µV/ -116dBm (20dB SINAD) 0.22µV/ -120dBm (12dB SINAD)
Transmitter		Digital Sensitivity	0.22µV/ -120dBm (BER 5%) 0.25µV/ -118dBm (BER 1%)
Frequency Stability	1.0ppm (-30°C to 60°C, 25°C ref)	Intermodulation	TIA603 70dB; ETSI 65dB
Power Output	1W (L), 4 (H)	Adjacent Channel Selectivity	TIA603C 705dB; TESI : 70dB@25kHz TIA603C 60dB; TESI: 60dB@12.5kHz
Conducted/Radiated Emission	-36dBm<1Ghz; -30dBm>1Ghz	Spurious Rejection	TIA603C : 75dB; ETSI:70dB
Adjacent Channel Power	-60dB	Blocking	84dB
Adjacent Transient	-50dB	Rated Audio	750mW/1000mW
Channel Power		Audio Distortion @Rated Audio	3%
FM Modulation Mode	12.5kHz; 11K0F3E	Audio Response (300-3000Hz)	+1 -3dB
Modulation Limiting	+/- 2.5KHz@12.5KHz	Conducted Spurious Emission	-57dBm<1Ghz; -47dBm>1Ghz ETS300086

OPTIONAL ACCESSORIES



One-piece PTT Earpiece

G-Shell PTT Earpiece

2-Wire Surveillance Kit

Carrying Pouch

G-Slot Charger

CONNECTIVITY WITH BODY CAMERA

Combines a body camera, docking station*, & a user-friendly software* (Video Evidence Management System).

*Sold separately. Minimum PC requirements: Windows OS, Intel i5 processor, 4GB RAM; per PC supports up to 3-multidock station of 18 sets video downloads.

