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Meets Mil-Spec and Europe's IP-54!



IM Mobile Series with 255 Channels . . .

New for 2007: Tekk - E-Tech 255 Channel mobiles with full Mil-Spec and IP-54 status in the most rugged housing Tekk has ever sold!



New for 2007 . . .
A whole new line-up of accessories for our own units as well as for Motorola, Kenwood, and Vertex . . .

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Presents the IM Series High End Mil-Spec 255 Channel Radios

General Specifications (All models)

Approvals	FCC and CE
Dimensions	178mm wide X 49mm high X 195mm deep
Frequency range	138-174 MHz or 403-470 Mhz
Channels	255
Nominal voltage	13.6 Volts DC
Channel Spacing	12.5 / 25 Khz
Antenna Impedance	50 Ohms

Receiver:	IM-100 (VHF)	IM-400 (UHF)
Usable Sensitivity	12dB SINAD: 0.25uV	12dB SINAD: 0.25uV
Selectivity	Better than 65 dB	Better than 65 dB
Spurious Response	75dB	75dB
Audio / Distortion	6.0 Watts <5%	6.0 Watts <5%
Channel Spread	36 Mhz without tuning	67 Mhz without tuning

Transmitter:	IM-100 (VHF)	IM-400 (UHF)
RF power	40 / 5 Watts	40 / 5 Watts
Max deviation	+/- 5KHz / 2.5KHz	+/- 5KHz / 2.5KHz
Hum & Noise	34 db / 42 db	34 db / 42 db
Modulation dist.	5% Max	5% Max
Channel Spread	36 Mhz without tuning	67 Mhz without tuning
Current, AMPS, Hi/Low	< 8 High / < 2 Low	< 8 High / < 2 Low



Mil-Spec Chart								
Standard	810 C		810 D		810 E		810 F	
	Method	Procedure	Method	Procedure	Method	Procedure	Method	Procedure
High Temp	501.1	1	501.2	1	501.3	1	501.4	1
Low Temp	502.1	1	502.2	1, 2	502.3	1, 2	502.4	1, 2
Temp Shock	503.1	1	503.2	1	503.3	1	503.4	1
Solar Rad.	505.1	1	505.2	1	505.3	1	505.4	1
Humidity	507.1	2	507.2	2, 3	507.3	2, 3	507.4	3
Dust	510.1	1	510.2	1	510.3	1	510.4	1
Vibration	514.2	8, 10	514.3	1	514.4	1	514.5	1

