

# TEKK

International Incorporated

## X-1000 Series

Up to 5 Watts, 512 Channels in 16 Groups  
**2400 Mah Li-Ion Battery standard**  
Meets CE, Australia, FCC and Canada  
Mil-Spec and IP-54  
Inversion Scrambling built in  
5-Tone and 2-Tone  
Remote Stun  
Emergency Button  
Lone Worker Function  
**HIGHLY** water resistant!



Continuing for 2009: The 512 channel Tekk X-1000 portables with full Mil-Spec and IP-54 status. The strongest and highest specification radio Tekk has ever sold!

Tekk International Incorporated  
10601 NW Ambassador Dr G  
Kansas City, Mo 64153  
Sales@Tekk-Radios.com www.Tekk-Radios.com  
800-521-8355 Fax 866-884-3304

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



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# X-1000 Series

## General Specifications

Standard equipment includes **2400 MAh** Li-Ion battery, Antenna, Rapid Charger and Belt Clip.

Approvals	CE, IC and FCC
Dimensions	4 x 2 x 1.3 inches
Weight	8.5 Oz with 2400 Mah Battery
UHF Frequency range	406 - 475 MHz
VHF Frequency range	136 - 174 MHz
Channels	512 Channels in 16 groups
Nominal voltage	7.4 Volts DC
Channel Spacing	12.5 and 25 KHz programmable



<b>Receiver:</b>  Sensitivity Selectivity @ 25 KHz Selectivity @ 12.5 KHz Spurious Response Audio Power @ 4% Distortion Channel Spread Battery Drain	<b>XV-1000 (VHF)</b>  12dB SINAD: 0.24 uV Better than: 70dB Better than: 65 dB 70dB 1 Watt @ 16 Ohms 34 Mhz without tuning Stand by: 45mA	<b>XU-1000 (UHF)</b>  12dB SINAD: 0.24 uV Better than: 70 dB Better than: 65 dB 70dB 1 Watt @ 16 Ohms 70 Mhz without tuning Stand by: 45mA
	<b>Transmitter:</b>  RF power Hum & Noise @ 25 KHz Hum & Noise @ 12.5 KHz Modulation dist. @ 1 KHz Channel Spread Nominal Battery Drain	<b>XV-1000 (VHF)</b>  5/1 Watt 45 dB 40 dB 4% Max @ 1000 Hz 34 Mhz without tuning 1.5 Amps at 5 Watts

Standard	MIL 810 C		MIL 810 D		MIL 810 E		MIL 810 F	
	Method	Procedure	Method	Procedure	Method	Procedure	Method	Procedure
Low Pressure	500.1	I	500.2	I II	500.3	I II	500.4	I II
High Temperature	501.1	I	501.2	I II	501.3	I II	501.4	I II
Low Temperature	502.1	I	502.2	I II	502.3	I II	502.4	I II
Temperature Shock	503.1	I	503.2	I	503.3	I	503.4	I
Solar Radiation	505.1	I	505.2	I	505.3	I	505.4	I
Rain	506.1	I II	506.2	I II	506.3	I II	506.4	I II
Humidity	507.1	I II	507.2	II III	507.3	II III	507.4	-
Salt Fog	509.1	I	509.2	I	509.3	I	509.4	-
Dust	510.1	I	510.2	I	510.3	I	510.4	I
Vibration	514.2	VIII X	514.3	I	514.4	I	514.5	I
Shock	516.2	I II V	516.3	I IV	516.4	I IV	516.5	I IV

Environmentals	Specification
Paramater	Specification
Operating Temperature	-30 C to + 60 C
Storage Temperature	-55 C to + 85 C
Humidity	95% RH @ 8 Hr
ESD	IEC 801-2 KV
Water Intrusion	IP 54