

TEKK

International Incorporated

X-100 Series

2 Watts for long range, 128 Channels in 16 Groups
Smallest and lightest in it's performance range

1800 Mah Li-Ion Battery standard

Meets FCC, Europe CE, Australia, and Canada

Mil-Spec shock and vibration

Inversion Scrambling built in

156 Privacy codes available



www.Tekk-Radios.com



New for 2008: Tekk X-100 Series 2 Watt
128 Channel portables with 1800 MAH Li-Ion
Battery. The smallest most feature rich "price
leader" radio Tekk has ever sold!

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

Continuing for 2008 . . .
A whole new line-up of
accessories for our own units
as well as for Motorola,
Kenwood, and Vertex . . .



International Incorporated

X-100 Series

General Specifications

Standard equipment includes **1800 MAh** Li-Ion battery, Antenna, Rapid Charger and Belt Clip.

Approvals	CE, IC and FCC
Dimensions	Only 3.8 x 1.95 x 1 inches!
Weight	Only 6 Oz including 1800 Mah Battery!
UHF Frequency range	450 - 470 MHz
VHF Frequency range	140 - 174 MHz
Channels	128 Channels in 16 groups
Nominal voltage	3.7 Volts DC
Antenna Impedance	50 Ohms



Receiver: Sensitivity Spurious Response Audio Power @ 4% Distortion Channel Spread Battery Drain	XV-100 (VHF) 12dB SINAD: 0.28 uV Better than: 70dB 1 Watt @ 8 Ohms Pending Stand by: 45mA	XU-100 (UHF) 12dB SINAD: 0.28 uV Better than: 70 dB 1 Watt @ 8 Ohms 20 Mhz without tuning Stand by: 45mA
	Transmitter: RF power Hum & Noise Modulation dist. @ 1 KHz Channel Spread Nominal Battery Drain	XV-100 (VHF) 2 Watts 42 dB 5% Max @ 1000 Hz Pending 1.4 Amps at 2 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
Vibration	514.2	VIII X	514.3	I	514.4	I	514.5	I
Humidity	507.1	I II	507.2	II III	507.3	II III	507.4	-
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

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