

TEKK

Incorporated

Professional Communications



XT 800 and 900 Mil-Spec 5 Watt Portables

The XT Series Mil-Spec 5 watt portable radios combine the best of needed features, advanced features and performance combined with our traditional low cost.

The XT Series portables come standard with a long-life 1800 mAh Li-ion battery giving you exceptional length-of-shift capacity. Combined with our new 2-tone decode option, sealed cabinet and rugged construction, this unit will go where you need it the most.

SPECIAL FEATURES

- Very Small with full 5 Watts!
- 16 Channels
- 1800 mAh standard battery!
- 2-Tone decode programmable
- Vox function programmable
- Voice Scrambling option
- 153 DCS/CTCSS Settings
- Full Scan Options

ACCESSORIES

- Speaker Microphone
- Voice Scrambler
- Light or heavy duty headsets
- Rapid Charger

[See Page 2 For full Specifications](#)

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Professional Communications

XT-800 Vhf and XT-900 Uhf

High Quality, 5 Watt, 16 Channel portable radios

General Specifications (All models)

Approvals	_____	_____	FCC and Industry Canada
Dimensions	_____	_____	4.5 x 2.6 x 1.5 inches
Weight	_____	_____	9.5 Oz with 1800 Mah Battery
Frequency range	_____	_____	148-174 MHz or 430-470 MHz
Channels	_____	_____	16 Channels
Operating Temp	_____	_____	-30 ~ +60 C
Nominal voltage	_____	_____	7.2 Volts
Channel Spacing	_____	_____	2.5 / 25 KHz
Antenna Impedance	_____	_____	50 Ohms
Audio Response	_____	_____	Per EIA Specifications

Standard equipment includes 1800 Mah Li-Ion battery, Antenna, standard rate Charger and belt clip.

Receiver

Usable Sensitivity	_____	XT-800	12dB SINAD: 0.3uV	XT-900	12dB SINAD: 0.3uV
A. C. R.	_____		60 dB		60 dB
Frequency Stability	_____		+/- 2.5ppm		+/- 2.5ppm
Spurious Response	_____		70dB		70dB
Audio Distortion	_____		5% at 0.5W		5% at 0.5W
Hum & Noise	_____		40/ 34 dB		40/ 34 dB
Intermediate Freq.	_____		1@45 Mhz, 2@455 Khz		1@45 Mhz, 2@455 Khz
Channel Spread	_____		38 Mhz without tuning		38 Mhz without tuning
Battery Drain	_____		Stand by: 45mA		Stand by: 45mA

Transmitter

RF power	_____	XT-800	5/1 Watt	XT-900	5/1 Watt
Frequency Stability	_____		+/- 2.5 ppm		+/- 2.5 ppm
Max deviation	_____		+/- 5KHz / 2.5KHz		+/- 5KHz / 2.5KHz
Hum & Noise	_____		34 db / 40 db		34 db / 40 db
Modulation dist.	_____		5% Max		5% Max
Channel Spread	_____		38 Mhz, No tuning		38 Mhz, No tuning
Battery Drain	_____		1.8 Amps at 5 Watts		1.8 Amps at 5 Watts
Modulation	_____		F3E		F3E

Actual Size

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