



### Specification

Model	TK-800A	TK-900A
	VHF	UHF
Frequency Range	136-174MHz	400-430MHz 430-480MHz
Channel	16	
PLL Channel Spacing	12.5/25KHz	
Battery Voltage	7.4V DC (Li-Ion Battery Pack)	
Antenna Impedance	50Ω	
Temperature Range	-20°C ~ +60°C	
Frequency Stability	± 2.5PPM	
Case Size	92hX53wX30d(mm)	
Weight (w/Battery)	250g	
packaging	Gift box (unit body together with the accessories)	

Compatible With American Military Standard(MIL-STD-810C/D/E)

### Standard Accessories:



### Product Picture:



### Function:

- ◆ VOX
- ◆ 107 DCS Tone
- ◆ 50 CTCSS Tone
- ◆ Multiple Call Tones
- ◆ Hi/Low Power Selection
- ◆ Time Out Timer
- ◆ Low Power Alarm
- ◆ PC Programmable
- ◆ Squelch Level Setting
- ◆ CO/TO/SE Scan Switch
- ◆ Priority Scanning
- ◆ Channel Scanning
- ◆ Li-ion Battery Pack
- ◆ Narrow/Wide Switch
- ◆ Busy Channel Lock Out

### Transmitter (Measurements made per TIA/EIA-603)

RF Power Output	4/5W
Modulation Type	F3E
Maximum Deviation	≤ ± 5.0KHz(Wide)/ ≤ ± 2.5KHz (Narrow)
Spurious Emission	≤ 65dB Below Carrier
Modulation Distortion	≤ 5%(300-3000Hz)
FM Noise	≤ - 45dB (Wide) ≤ - 40dB (Narrow)

### Receiver (Measurements made per TIA/EIA-603)

Circuit Type	Double-conversion Superheterodyne
IFs	38.850MHz & 450KHz

Sensitivity(12dB SINAD)	0.2 μ V (Wide)/0.25 μ V (Narrow)
Squelch Selectivity	0.15 μ V (Wide)/0.2 μ V (Narrow)
Adjacent Channel Selectivity	> 65dB (Wide)/ > 60dB (Narrow)
Intermodulation	> 65dB
Spurious Rejection	> 60dB
Image Rejection	> 65dB
FM Ham And Noise	≤ - 45dB (Wide)/ ≤ - 40dB (Narrow)
Modulation Type	16KOF3E/11KOF3E
Operating Bandwidth	≤ ± 7KHz/ ≤ ± 5KHz
AF Output	0.5W@4 Ohms
Audio Distortion	≤ 5%