

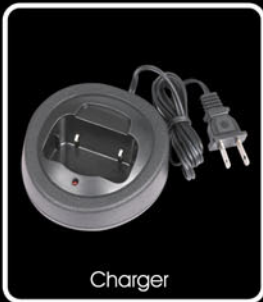


Specifications

Model	TK-21A	
	VHF	UHF
Frequency Range	136-174MHz	400-430MHz 440-470MHz
Channel Capacity	16	
PLL Channel Spacing	12.5/25KHz	
Battery Voltage	7.4V DC (Li-ion Battery Pack)	
Antenna Impedance	50Ω	
Operating Temperature	-20℃ ~ + 60℃	
Frequency Stability	± 2.5PPM	
Dimensions (With Battery)	100hX50wX30d(mm)	
Weight (With Battery)	300g	
Standard Package	Radio with Standard Accessories	

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

Standard Accessories:



Features:

- ◆ VOX
- ◆ 107 DCS
- ◆ 50 CTCSS
- ◆ Priority Scan
- ◆ Channel Scan
- ◆ Time Out Timer
- ◆ Low Power Alarm
- ◆ Voice Annunciation
- ◆ PC Programmable
- ◆ Li-ion Battery Pack
- ◆ Squelch Level Setting
- ◆ Busy Channel Lockout

Transmitter(Measurements made per TIA/EIA-603)

RF Power Output	3W
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 Harm And Noise	≤ - 45dB (Wide)/ ≤ - 40dB (Narrow)
Modulation Type	16KOF3E/11KOF3E
Operating Bandwidth	≤ ± 7KHz/ ≤ ± 5KHz
AF Output @ 4 Ohms	0.5W
Audio Distortion	≤ 5%