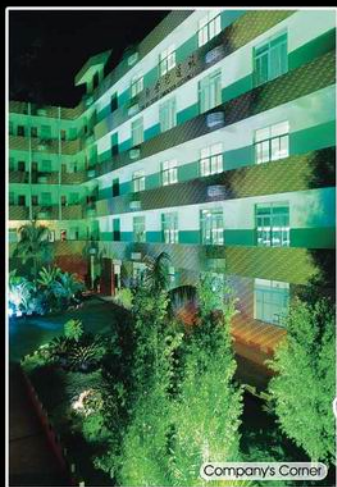


Specifications

Model	NC-270A	NC-470A
Frequency Range	VHF 136-174MHz 245-260MHz	UHF 400-440MHz 440-480MHz 480-520MHz
Channel Capacity	64	
PLL Channel Spacing	5/6.25/10/12.5/25kHz	
Battery Voltage	12V ± 20%	
Antenna Impedance	50Ω	
Operating Temperature	-20°C ~ + 60°C	
Frequency Stability	± 2.5PPM	
Dimensions (With Battery)	44X168X160(mm)	
Weight (With Battery)	950g	

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



Features:

- ◆ VOX
- ◆ 107 DCS
- ◆ 50 CTCSS
- ◆ Priority Scan
- ◆ Channel Scan
- ◆ Hi/Low Power
- ◆ Time-out Timer
- ◆ PC Programmable
- ◆ Busy Channel Lockout
- ◆ Selectable Squelch Level
- ◆ CO/TO/SE Scan Switchable
- ◆ Programmable 25kHz(Wide)/12.5kHz(Narrow) Channel Spacing

Transmitter(Measurements made per TIA/EIA-603)

RF Power Output	25W
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 Superhetrodyne
IFs	38.850MHz & 450kHz

Sensitivity(12dB SINAD)	0.2 μV (Wide)/0.25 μV (Narrow)
Squelch Selectivity	0.15 μV (Wide)/0.2 μV (Narrow)
Adjacent Channel Selectivity	> 70dB (Wide)/ > 65dB (Narrow)
Intermodulation	> 70dB
Spurious Rejection	> 65dB
Image Rejection	> 70dB
FM Harm And Noise	< - 45dB (Wide)/ < - 40dB (Narrow)
Modulation Type	16KOF3E/11KOF3E
Operating Bandwidth	< ± 7kHz/ < ± 5kHz
AF Output @ 4 Ohms	2W
Audio Distortion	< 5%



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