

# KYD<sup>®</sup>

BUILDING INTERNATIONAL INTERPHONE BRAND



- Dual band receiving
- Double standby
- Full-duplex cross-band



# NC-UV90A

PROFESSIONAL WIRELESS MOBILE RADIO



## Specifications

Model	NC-UV90A	
	VHF	UHF
Frequency Range	136-174MHz	400-470MHz 450-520MHz
PLL Channel Spacing	5/6.25/10/12.5/25	
Battery Voltage	13.8V ± 10%	
Antenna Impedance	50Ω	
Operating Temperature	-20°C ~ +60°C	
Frequency Stability	± 2.5PPM	
Dimensions	140X180.7X43mm	
Weight (With Battery)	1500g	

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

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

RF Power Output	50W(VHF)/40W(UHF)
Modulation Type	F3E
Maximum Deviation	≤ ± 5.0KHz(Wide)/ ≤ ± 2.5KHz (Narrow)
Spurious Emission	≤ 65dB Below Carrier
Modulation Distortion	≤ 5%
FM Noise	≤ -42dB(Wide)/ ≤ -38dB(Narrow)

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

IFs(MHz)	49.950MHz & 450KHz
Sensitivity(12dB SINAD)	0.2μV(Wide)/0.25μV(Narrow)
Squelch Selectivity	0.15μV(Wide)/0.2μV(Narrow)
Adjacent Channel Selectivity	≥ 70dB(Wide)/ ≥ 65dB(Narrow)
Intermodulation	≥ 70dB
Spurious Rejection	≥ 65dB
Image Rejection	≥ 70dB
FM Ham And Noise	≤ -45dB(Wide)/ ≤ -40dB(Narrow)
Modulation Type	16KOF3E / 11KOF3E
Operating Bandwidth	≤ ± 7KHz / ≤ ± 5KHz
AF Output @ 4 Ohms	≥ 2W(8Ω ,5% distortion)
Audio Distortion	≤ 5%

## Features:

- ◆ VOX
- ◆ 107 DCS
- ◆ 50 CTCSS
- ◆ Priority Scan
- ◆ ANI Code
- ◆ DTMF Code
- ◆ 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

ADD: NO.1 FENGSHOU ROAD, ZHAOFENG INDUSTRIALDISTRICT, QUANZHOU CITY, FUJIAN PROVINCE, CHINA.

Tel: (86)-595-22899399 22883777

Fax: (86)-595-22887666

Website: <http://www.century-comm.com>