



NC-100



Quick Specification:

5 watts
RF power

IP67
Waterproof

2800mAh
Battery Capacity

Scrambler

16
Channels

Available In:

VHF
Very High Frequency
(136-174MHz)

UHF
Ultra High Frequency
(400-470MHz)

Submersible up to **1 meter**
for **30 minutes**.



Noise Cancelling **HD** Digital Audio

NOISE

VOICE

*One-click switching
to noise cancellation*

PRODUCT SPECIFICATIONS

General		
Frequency Range	UHF	
Channel Capacity	16	
Channel Step	25KHz (Wide) 12.5KHz (Narrow)	
Frequency Stability	± 2.5ppm	
Operating Voltage	7.4V DC ± 20%	
Operating Temperature	-20°C ~ +60 °C	
Antenna Impedance	50Ω	
Dimension	137x60x36mm (with Battery Pack)	
Weight	270g (with Battery Pack, Antenna)	
Transmitter		
	Wide	Narrow
Output Power	5W	5W
Modulation Mode	16Kφ F3E	8Kφ F3E
Adjacent Channel Power	≥65dB	≥60dB
Signal Noise Ratio	≤-40dB	≤-40dB
Parasitic Harmonic	≤65dB	≥60dB
Spurious Emission	≤-36dBm	≤-36dBm
Audio Response	(+1-3db)	(+1-3db)
Audio Distortion	≤5%	≤5%
Receiver		
	Wide	Narrow
Sensitivity	-120dBm (20db SINAD)	-120dBm (20db SINAD)
Intermodulation	≥60dB	≥55dB
Adjacent Channel Selectivity	≥60dB	≥55dB
Spurious Rejection	≥60dB	≥55dB
Audio Response	(+1-3db)	(+1-3db)
Signal Noise Ratio	≥45dB	≥45dB
Audio Distortion	≤5%	≤5%
Audio Output Power	1W	1W

All stated specifications are subject to change without notice or obligation.

FUNCTIONS



SCAN



SCRAMBLER



**BUSY CHANNEL
LOCKOUT**



SOS



**BATTERY VOLTAGE
INDICATOR**



TOT



VOX



**HIGH/LOW
POWER**



WATER PROOF



DUST PROOF



**NOISE
CANCELLATION**



**WIDE/NARROW
BAND**