

NEXIO

N500

DMR Digital Two Way Radio

- 4 Zones
- 64 Channels
- Firmware Upgrade
- Enhanced Encryption Capability
- Lone Worker
- Private / Group / All Call
- Programmable Side Buttons
- Remote Monitor
- Remote Disable / Enable



DMR Digital Two Way Radio

Main Functions

- 4 Zones
- 64 Channels
- Remote Disable/Enable
- Remote Monitor
- Lone Worker
- Programmable Side Keys
- Enhanced Encryption Capable
- Firmware Upgrade
- Battery Saving Function
- Low Battery Alarm
- Voice Prompt
- TOT
- Private/Group/All Call
- End-Tone Elimination
- One-Touch Call
- QT/DQT
- Talk Around
- High/Low Power Selective
- Busy Channel Lock



Standard Accessories



Battery

Antenna

Charging
Tray

Adapter

Belt Clip

GENERAL

Frequency Range	446-446.200MHz
Channel	64 channels
Zone	4
Frequency Stability	±1ppm
Working Temperature	-30°C~+60°C
Working Voltage	7.4V DC
Battery Capacity	4650mAh Li-ion battery
Size(hxwx d)	131mm*58mm*31mm
Weight	216g

RECEIVER

Analog Rx Sensitivity	0.2μV @ 12dB SINAD
Digital Rx Sensitivity	0.25uV (BER:5%)
Adjacent Channel Selectivity	<60dB@12.5KHz
Intermodulation	>65dB
Spurious Response	>70dB
Audio Response	+1~-3dB
Rated Audio Distortion	<5%
Audio Power	0.5W
FM Noise	>45dB@25KHz >40dB@12.5KHz

TRANSMITTER

RF Power	0.5W
FM Modulation Mode	11K0F3E@12.5KHz 16K0F3E@25KHz
4 FSK Digital Mode	12.5KHz (data): 7K60FXD 12.5KHz (data+voice) : 7K60FXW
Modulation Distortion	<5%
FM Noise	>45dB@25KHz/ >40dB@12.5KHz
Adjacent Channel Power	<~60dB@12.5KHz
Audio Response	+1~-3dB
Digital Protocol	ETSI-TS102 361-1,-2,-3