

DigiX Pro

Intro

The PRO is our fastest selling high power and feature rich heavy duty radio, it has a protective rating of IP54 and digital high power to match the UK's leading manufacturers providing the very best of coverage. The PRO radio is small but heavy duty and weighs only 170g.



Features

Emergency Alarm

Caller Identity

Private/Group Call

Remote Monitor

IP54 Protection

Compact but powerful

Kill/Revive

Digital/Analogue



Design and Manufacture

Specs

Frequency Range	UHF: 400-480MHz
Channel Capacity	32
Channel Spacing	Analog: 12.5/25.0KHz Digital: 6.25/12.5KHz
Operation Voltage	7.4V LI-ION
Battery Capacity	1900mAh (Li-ion)
Battery Life (5-5-90 Duty Cycle)	13 Hours
Frequency Stability	±1.0 PPM
Operating Temperature	-20 C ~ +55 C
Antenna Impedance	50Ω
Dimension (HxWxD) (Without Antenna)	90 x 53 x 32mm
Weight (With Antenna & Battery)	170g

Transmitter

RF Power Output	5W/1.5W
Modulation type (Analog)	11KΦF3E @ 12.5KHz , 16KΦF3E @ 25KHz
Modulation type (Digital)	4K00F1E/D (6.25 kHz) , 8K30F1E/D (12.5 kHz)
Spurious and Harmonics	-36dBm<1GHz -30dBm>1GHz
FM Noise	40/45dB
Audio Distortion	≤3%
Modulation Limiting	±2.5@12.5KHz; ±5.0@25KHz
Audio Response	+1 to -3 dB

Receiver

Sensitivity (Analog)	≤0.20μV (12dB SINAD)
Sensitivity (Digital)	≤0.20μV/BER3%
Adjacent Channel Selectivity	60/70dB
Intermodulation	65dB
Spurious Response Rejection	70dB
S/N	40/45dB
Audio Output Power	1.0W
Audio Distortion	≤3%

Communication range may differ depending on operating environment or weather conditions etc.

Contact us today

0800 195 5919 | sales@nrcradio.co.uk

nrcradio.co.uk

Accessories



Antenna



Li-ion Battery



Belt Clip



Charger Pocket



Adapter



Hand Strap

DigiX
Pro