

DigiX

Sea

Intro

The DigiX SEA is a professional grade UHF IP54 portable DMR/Analogue radio programmed ready to use with OFCOM UK licensed channels. This radio is high power and will require an Ofcom licence that your supplier can assist with.

Channels 1-16 DMR Digital
Channels 17-32 Analogue



Features

Emergency Caller

Caller Identification

Remote Monitor

Stun/revive

Digital DMR/Analogue

Group or individual calling

Long life lithium battery

32 Channels

Up to 18 hours use.



Design and Manufacture

Specs

Frequency Range	UHF: 400-470MHz;
Channel Capacity	32
Channel Spacing	Analog: 12.5/25.0kHz Digital: 12.5KHz
Operation Voltage	3.7V LI-ION
Battery Capacity	2600mAh (Li-ion)
Battery Life (5-5-90 Duty Cycle)	20 Hours
Frequency Stability	±1.0PPM
Operation Temperature	-20°C - +55°C
Antenna Impedance	50Ω
Dimensions (without Antenna)	121 x 57 x 37mm
Weight (with Antenna & Battery)	205g

Transmitter

RF Power	UHF: 2W
Modulation type (Analog)	11KΦF3E @12.5KHz; 16KΦF3E @25KHz
Modulation type (Digital)	8K30F1E/D (12.5kHz)
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	≥60dB
Intermodulation	≥60dB
Spurious Response Rejection	≥60dB
S/N	40/45dB
Audio Output Power	≥500mW
Audio Distortion	≤5%

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

Accessories



Li-ion Battery x2



Charger Pocket x2



Adapter x1



Dual USB Cable x1



Belt Clip



Hand Strap x2

Contact us today

0800 195 5919 | sales@nrcradio.co.uk

nrcradio.co.uk

DigiX