

# DigiX

Sun

## Intro

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



## Features

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Multi channel selection

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Ready to use on professional Ofcom channels

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Long life lithium battery providing up to 18 hours use

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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	1200mAh (Li-ion)
Battery Life (5-5-90 Duty Cycle)	20 Hours
Frequency Stability	±1.0 PPM
Operating Temperature	-20°C - +55°C
Antenna Impedance	50Ω
Dimension (without Antenna)	121 x 57 x 37 mm
Weight (with Antenna & Battery)	205g

## Transmitter

RF Power Output	UHF: 2W
Modulation Type (analog)	11K $\square$ F3E @12.5KHz, 16K $\square$ F3E @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 x2



Hand Strap x2

## Contact us today

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