

DigiX

Star

Intro

A tough and stylish professional grade DMR 446 licence free radio.

Ready to use straight from the box, it is designed to be user friendly and market compatible, it will communicate with Analogue Motorola, Kenwood and Icom license free portable radios. Pre-programmed channels are as below:

Channels 1-16 Digital licence free
Channels 17-21 Motorola
Channels 22-27 Kenwood
Channels 28-32 Icom



Features

Ready to use out of the box

16 pre-programmed channels
including scan channel

Compact, lightweight and durable

European license free

Compatible with Motorola, Kenwood and Icom

Wide range of accessories



Design and Manufacture

Specs

Usable channels	16
Output power	500mW (ERP)
Audio output power (at 5% distortion)	Internal speaker 1500mW typ. (wth 8Ω load) External speaker 400mW typ. (with 8Ω load)
Dimension (without Antenna)	121 x 57 x 37 mm
Weight (with Antenna & Battery)	205g
Communication range	Approx. 3Km (wide open space)
Operation temperature	-25°C to +55°C
IP rating	IP54

Transmitter

RF Power	UHF: 500mW
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

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