

DigiX

Orb

Intro

The ORB is a modern design licence free radio to use straight from the box, it is compatible to work with other standard programmed analogue channels with Motorola, Kenwood and Icom equipment. Complete with charger leads, lithium batteries and earpieces all at low prices it is proving to be in heavy demand.



Features

Ready to use out of the box

16 pre-programmed channels

Compact, lightweight and durable

Compatible with Motorola, Kenwood and Icom Licence free radios

Wide Range of accessories including 6way charger and audio accessories

Channel announcement



Design and Manufacture

Specs

Usable channels	16 channels
Output power	500mW (ERP)
Audio output power (at 5% distortion)	Internal speaker 1500mW typ(with 8Ω load) External speaker 400mW typ. (with 8Ω load)
Dimensions	121*57*37mm
Weight	205g
Communication range*	Approx. 8Km (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
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)
Adjacent Channel Selectivity	≥60dB
Intermodulation	≥60dB
Spurious Response Rejection	≥60dB
S/N	40/45dB
Audio Output Power	≥500mW
Audio Distortion	≤5%

Accessories



Charging Cable



Battery



Belt Clip



Lanyard



Earpiece

Contact us today

0800 195 5919 | sales@nrcradio.co.uk

nrcradio.co.uk

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