

DigiX

Link DMR Portable

Intro

Digital option: DMR or NXDN.

High quality speaker, 1W audio power.
Anti-interference by discrete VCO and AFC solution. Battery options: Li-ion 1800mAh standard or Li-ion 2200 mAh. IP68 dust and water protected. Roaming. Optional: GPS/Bluetooth.



Features

Digital/Analogue dual mode

Ultra slim design

Compliant to CE and FCC standards

Encryption

Lone worker

Caller ID

Emergency alarm

Remote monitor

Mic live

Remote stun/kill/revive

MIL-STD810C/D/E/F/G standards

Man down option

Bluetooth option

GPS option



Design and Manufacture

Specs

Frequency Range	UHF: 400-470MHz; VHF: 136-174MHz
Channel Capacity	2 zone 32CH (16CH/zone)
Channel Spacing	25 kHz/12.5kHz
Operation Temperature	-25°C - +60°C
Frequency Stability	±2.5ppm
Operation Voltage	7.4VDC
Antenna Impedance	50Ω
Microphone Impedance	2.2KΩ
Battery Life	1800mAh: Analog 13.9 hrs Digital 17.5 hrs 2200mAh: Analog 16.9 hrs Digital 21.4 hrs
Dimensions height x width x thickness	126 x 53 x 26.5 mm
Weight	280g (with battery and antenna)

Transmitter

RF Power	H: UHF 4W, VHF 5W L: 1.5W
FM Modulation	25kHz: 16KΦF3E, 12.5kHz: 8KΦF3E
4FSK Digital Modulation	12.5kHz data 7K60FXD 12.5kHz data and voice 7K60FXW
Digital Vocoder Type	AMBE+2™
Digital Protocol	ETSI-TS102 361-1, -2 NXDN Part1-A Common Air Interface Ver 1.3
Harmonic	≥70dB
Signal-To-Noise Ratio	≤ -45dB@25kHz ≤ -40dB@12.5kHz
Rated Audio Distortion	≤ 5%
Frequency Stability	±2.5ppm
Max. Frequency Deviation	≤5 kHz@25kHz ≤2.5kHz@12.5kHz

Receiver

Sensitivity (Analog)	≤0.22μV (12dB SINAD) @25kHz ≤0.25μV (12dB SINAD) @12.5kHz
Sensitivity (Digital)	0.22μV (BER5%)
Signal-To-Noise Ratio	≥45 dB @25kHz ≥40 dB @12.5kHz
Adjacent Channel Selectivity	≥70 dB @25kHz ≥65dB @12.5kHz
Intermodulation	≥65dB @25kHz ≥60 dB @12.5kHz
Spurious Response Rejection	≥70 dB
Audio Output Power	≥1000 mW
Rated Audio Distortion	≤ 5%

Accessories



Antenna



Lithium Battery



Belt Clip



Charger



Strap

All specifications are subject to change without notice due to continuous development.

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Notes

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