



LT-88

2G/3G/4G LTE PoC/DMR/Analog Tri-Modes Dual Band Professional Radio

DMR/Analog Features:

- ◆ IP66 Waterproof Rating
- ◆ 100 Zones, 1000 Memory Channels
- ◆ Digital Encryption
- ◆ 2600mAh High Capacity Li-ion Battery
- ◆ All Call/Group Call/Individual Call
- ◆ FM Radio/VOX

PoC Features:

- ◆ Repeater Function
- ◆ Infinite Group Capacity
- ◆ Infinite Single Call Member
- ◆ Voice Recorder (Optional)
- ◆ TOT/Voice Prompt
- ◆ GPS/SOS



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Tri-Modes Dual Band Professional
Radio

<http://www.linton.cn>

Technical Specifications

DMR/Analog Radio

General			
Frequency Range	Air Band: 108-137MHz (RX) V/UHF: 137-176MHz/350-520MHz	Battery Life (5-5-90 Duty Cycle)	About 12Hours
Channel Capacity	1000	Frequency Stability	± 2.5ppm
Channel Spacing	Analog:25.0/12.5KHz Digital:12.5KHz	Operating Temperature	-20 ~ +60°C
Operation Voltage	DC7.4V	Antenna Impedance	50 Ω
Battery Capacity	2600mAh (Li-ion)	Dimension (HxWxD) (Without Antenna)	131 x 57 x 36mm
		Weight (With Antenna & Battery)	356g
Transmitter		Receiver	
RF Power Output	10.0W/5.0W/2.0W	Sensitivity (Analog)	≤0.30μV (12dB SINAD); 0.22 (12dB SINAD)
Modulation Type (Analog)	11KΦF3E @ 12.5KHz , 16KΦF3E @ 25KHz	Sensitivity (Digital)	≤0.30μV/BER5%
Modulation Type (Digital)	12.5KHz Data Only: 7K60FXD 12.5KHz Data & Voice: 7K60FXE	Selectivity	≥60/65dB
Spurious and Harmonics	-36dBm<1GHz; -30dBm>1GHz	Spurious Response Rejection	≥60dB
FM Noise	40/45dB	Intermodulation	≥60dB
Audio Distortion	≤5%	S/N	40/45dB
Modulation Limiting	± 2.5KHz@12.5KHz; ± 5.0KHz@25KHz	Rated Audio Power Output	1.5W
Audio Response	+1 to -3dB	Rated Audio Distortion	≤3%
Digital Vocoder Type	AMBE++	Audio Response	+1 to -3dB
Digital Protocol	ETSI-TS102 361-1,-2,-3	Conducted Spurious Emission	<-57dBm

Network Digital PoC Radio

General		
Operating Bands	Network Version A (Region: Latin America)	Network Version B (Region: Asia/Europe)
	LTE-FDD Band: B2/B4/B5/B12/B13/B14/B66/B71	LTE-FDD Band: B1/B3/B7/B8/B20/B28A
	LTE-TDD Band: /	LTE-TDD Band: B38/B40/B41
	WCDMA Band: B2/B4/B5 GSM Band: /	WCDMA Band: B1/B8 GSM Band: B3/B8
Service Platform	Real-PTT	
SIM Card Size	2 Nano SIM	

Above specifications are subject to change without notice due to technology enhancement.

Accessories



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