



EXCERA
Innovate to Succeed

DMR Portable Radio EP3620 EP3120

- ◆ Compatible with ETSI DMR Standards
- ◆ Supports Digital and Analog Dual Modes
- ◆ High Cost-Effective
- ◆ Easy to Use
- ◆ High Quality Design



Specifications

General		Transmitter		Receiver			
	EP3620	EP3120	EP3620	EP3120	EP3620	EP3120	
Frequency Range	VHF:136-174MHz; UHF:350-390MHz UHF:400-480MHz;		Power Output	5W/1W		Sensitivity (12dB SINAD)	≤0.25 μV (Wide Band) ≤0.35 μV (Narrow Band)
Channel Capacity	1000 channels	32 channels	Modulation limit	± 5.0KHz@25KHz (Wide Band) ± 2.5KHz@12.5KHz (Narrow Band)		Digital Sensitivity	0.3uV/-117.4dBm (BER 5%) 0.7uV/-110dBm (BER 1%)
Channel Spacing	25KHz (Wide Band) 12.5KHz (Narrow Band)		Adjacent Channel Power	≥ 70dB (Wide Band) ≥ 60dB (Narrow Band)		Adjacent Channel Selectivity	≥ 70dB (Wide Band) ≥ 60dB (Narrow Band)
Phase-locked Step	5KHz, 6.25KHz		Hum & Noise	≥ 40dB (Wide Band) ≥ 36dB (Narrow Band)		Intermodulation	≥ 60dB (Wide Band) ≥ 60dB (Narrow Band)
Operating Voltage	7.4V DC ± 20%		Spurious Emission	≤ -36dB (Wide Band) ≤ -36dB (Narrow Band)		Spurious Rejection	≥ 70dB (Wide Band) ≥ 70dB (Narrow Band)
Battery Life (Digital mode)	More than 14 Hours (2000mAh)		4FSK Digital Modulation	12.5KHz (data) 7K60FXD 12.5KHz (data+voice) 7K60FXE		Blocking	84dB
Frequency Stability	± 2.5ppm		Audio Distortion	≤ 5%		Hum & Noise	≥ 45dB (Wide Band) ≥ 40dB (Narrow Band)
Operating Temperature	-20℃~ +55℃		4FSK Error Rate	≤ 3%		Audio Distortion	≤ 5%
Size	111 × 61 × 40mm (with battery pack)					Audio Power Output	1000mW/16 Ω
Weight	257g (with battery pack)	247g (with battery pack)				Digital Vocoder Type	AMBE++
						Digital Protocol	ETSI-TS102 361 -1,-2,-3

Standard Accessories



Charger



AC Adaptor



Battery



Belt Clip



Antenna

Optional Accessories



USB Programming Cable PC05(K)



USB Programming Cable PC06(M)



Earphone HS05(K)



Earphone HS06(M)

