

YEDRO

DMR

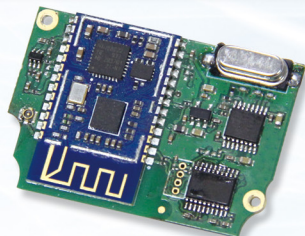
DIGITAL MOBILE RADIO ASSOCIATION



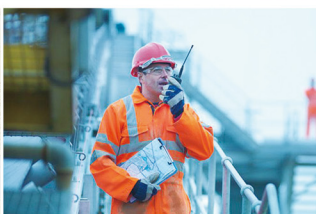
YC-D7GB

DMR and Analog UHF/VHF Radio

- Dual-mode(Digital+Analog)
- 1.77 inch color TFT screen
- 4000channels
- 10,000Talk Groups with 500,000 digital contacts
- ETSI DMR Tier I and II Compliant
- Auto-senses digital or analog reception
- Ranging function between radios with GPS
- Roaming function
- Talkie Alias function
- GPS with Analog APRS Location Reporting/Receiving and Digital APRS Location Reporting/Receiving
- Analog APRS RX
- Digital Voice Recording for 4 hours
- Bluetooth



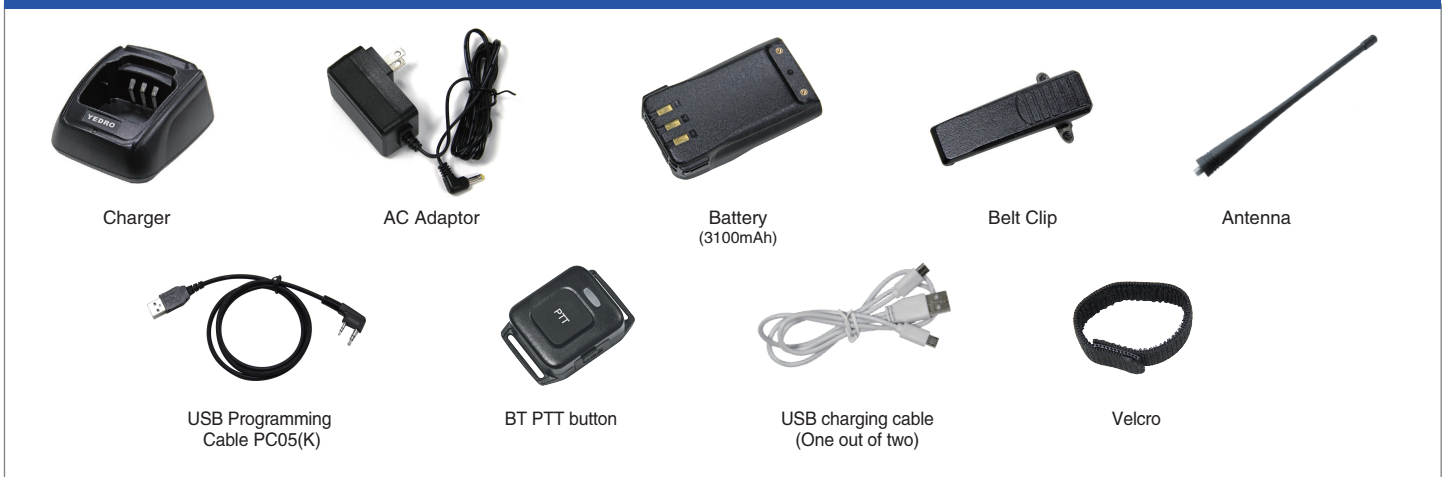
Built-in BT



Specification

General		Transmitting Part		Receiving Part	
Frequency Range	136–174MHz (V) , 400–470MHz (U)	Power Output	VHF: 7/5/2.5/0.2W, UHF: 6/5/2.5/0.2W	Sensitivity (12dB SINAD)	≤0.25 μ V (Wide Band) ≤0.35 μ V (Narrow Band)
Channel Capacity	4000 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)	Spurious Emission	≤ -57dB (Wide Band) ≤ -57dB (Narrow Band)
Operating Voltage	7.4V DC ± 20% (3100mAh)	Spurious Emission	≤ -36dB (Wide Band) ≤ -36dB (Narrow Band)	Spurious Rejection	≥ 70dB (Wide Band) ≥ 70dB (Narrow Band)
Frequency Stability	± 1.5ppm	4FSK Digital Modulation	12.5KHz (data) 7K60FXD 12.5KHz (data+voice) 7K60FXE	Blocking	84db
Operating Temperature	-20°C~ +55°C	Audio Distortion	≤ 5%	Hum & Noise	≥ 45dB (Wide Band) ≥ 40dB (Narrow Band)
Size	129 × 61 × 42mm (with battery pack)	Error rate	≤ 3%	Audio Distortion	≤ 5%
Weight	293g (with battery pack)			Audio Power Output	1000mW/16 Ω

Standard Accessories



Optional Accessories

