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ET-D40

DMR Digital Portable radio

Suitable occasions



- 2 programmable buttons
- Voice broadcast
- Voice control function
- Time-out timer
- Single call, group call, all call
- Channel scan
- Busy channel lock
- DTMF code, QT/DQT
- Remote Kill, activate, monitor
- Emergency alarm
- Reverse alarm function
- PC programming



Parameters

General

Frequency Range	VHF: 136~174MHz / 350M: 350~390MHz UHF: 400~480MHz
Channel	16
Channel Spacing	25KHz / 12.5KHz
Operating Temperature range	-25°C~ +60°C
Operating Voltage	DC 7.5V
Dimension	123 × 63 × 39 mm(Not include the antenna)
Weight	260g (Include battery, antenna)
Battery	3600 mAh lithium battery
Protection grade	IP54

Transmission part

Output Power	1W / 5W
Modulation	25K: 16KφF3E / 12.5KHZ: 11KφF3E
4FSK Digital modulation	12.5KHZ data: 7K60F1D and 7K60FXD 12.5KHZ Voice: 7K60FXD and 7K60FXE 12.5KHZ voice and data: 7K60FXW
Modulation Limit	+2.5kHz@ 12.5kHz / +5.0kHz@25kHz
Stray Radiation	-36dBm < 1GHz / -30dBm@1GHz
Adjacent channel power	60dB@12.5kHz/70dB@25kHz
Audio response	+1~-3dB
Audio Distortion	≤3%
Digital Vocoder Type	AMBE++
Digital Protocol	ETSI-TS102 361 -1, -2, -3

Receiving part

Receiving sensitivity	Analog SINAD: 0.22uV / Digital 5%BER: 0.22uV
Audio Power	1W
Spurious Response	70 dB
Intermodulation	70dB
Hum and noise	40dB @ 12.5KHz / 45dB @ 25KHz
Adjacent Channel selectivity	60dB @ 12.5KHz / 70dB @ 25KHz
Signal-to-noise ratio	-40 dB

Standard accessories

