

GO!TM

Business Digital & Analog 2-Way Radio

by blackboxTM



- 2 Slot Simplex
- MotoTRBO Tier II & Hytera Compatible
- IP56 Water Resistant
- 32 Channels
- 2,000 mAh Battery
- Motorola M1 Radio Connector
- Using the same OEM Speaker, Switches and Audio Port Connectors as Motorola does!

SPECIFICATIONS

Frequency	400~470MHz
Channel Capacity	32
Normal Operating Voltage	7.4V
Operating Temperature	-25℃ ~ +60℃
Store Temperature	-40℃ ~ +85℃
Weight	9.5 oz With Standard Li-ion battery
Dimensions :H x W x D(mm)	113.5 X 54 X 33.5 With Standard Li-ion battery
Dust-protection and water resistant	IP56
Battery Life in 5/5/90 Operating Mode	
2,000 mAh Standard Li-ion battery	Analog: 14 hrs Digital: 18 hrs

Receiver

Frequency	400~470MHz
Channel Spacing	12.5KHz/25KHz
Frequency Stability	+/- 1.5ppm
Analog Sensitivity	0.28uV/-116dBm(20 dB SINAD) 0.22uV/-120dBm(Type)
Digital Sensitivity	0.28uV/-117.4dBm (BER 5%) 0.5uV/-110dBm (BER 1%)
Intermodulation	TIA603C: 60dB ETSI: 60dB
Adjacent Channel Selectivity	TIA603C: 60dB@12.5KHz ETSI: 60dB@12.5KHz
Co-Channel rejection	12dB@12.5KHz
Spurious Response rejection	TIA603C: 65dB ETSI: 65dB
Conducted spurious emission	-57dBm@ < 1GHz, -47dBm @> 1GHz
Blocking	84dB
Rated Audio Power	1W
Audio Response	+1dB ~ -3dB
Rated Audio Distortion	3% (Type)

Transmitter

Frequency	400~470MHz
Channel Spacing	12.5KHz/25KHz
Frequency Stability	+/- 1.5ppm
Power	Low Power: 1W, High Power: 4W
Hum and Noise	-40dB@12.5KHz
Conducted, radiated spurious emission	-36dBm@<1GHz, -30dBm@>1GHz
Adjacent Channel Power	-60dB@12.5KHz
Adjacent Transient Channel Power	-50dB@12.5KHz
FM Modulation Mode	12.5KHz: 11K0F3E
4FSK Digital Mode	12.5KHz (data only): 7K60FXD 12.5KHz (data+voice): 7K60FXE
Modulation Maximum Deviation	2.5KHz@12.5KHz
Nonactive Slot Power	-57dB
Audio Response	+1dB ~ -3dB
Audio Distortion	3% (Type)
Digital Protocol	ETSI TS 102 361-1, -2, -3
Vocoder Type	AMBE+2 TM

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