



MOTO PRO1
PROFESSIONAL FM TRANSCEIVER

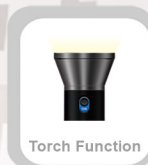


GALAXY

DIGITAL PRIVATE MOBILE RADIO



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General specification

Model	GALAXY
Frequency range	UHF 400-480MHz
Channel capacity	256
Dimention(HxWxD)	100X57X35mm
Voltage rating	DC 7.4V
Battery life: in battery save mode,with carrier squelch and high TX power, and 5/5/90 duty cycle.	
1500mAh li-ion battery)	Analog: 11 Hours Digital: 11 Hours

Receiver

Frequency range	UHF 400-480MHz
Channel spacing	12.5kHz / 25kHz
Frequency stability (20°C, +60°C, +25°C)	+/-1.5ppm
Analog sensibility	0.25 μ V(12dB SINAD) 0.3 μ V(20dB SINAD)
Digital sensibility	5% BER: 3 μ V
Intermodulation	65dB
Adjacent channel selectivity	60dB @ 12.5kHz 65dB @ 25kHz
Spurious rejection	65dB
Rated audio	0.7W
Audio distortion & Rated audio	3%
FM hum and noise	-40dB @ 12.5kHz & -45dB @ 25kHz
Audio response	+1, -3dB
Spurious emission	-57dBm

Transmitter

Frequency range	UHF 400-480MHz
Channel spacing	12.5kHz / 25kHz
Frequency stability (20°C, +60°C, +25°C)	+/-1.5ppm
Output power	L: 1W H: 5W
Modulation limited	+/-2.5kHz @ 12.5kHz +/-5.0kHz @ 25kHz
FM hum and noise	-40dB @ 12.5kHz -45dB @ 25kHz
Conducted / radiated emission	-35dBm < 1GHz -30dBm > 1GHz & < 4GHz
Adjacent channel power	-60dB @ 12.5kHz -65dB @ 25kHz
Audio response	+1, -3dB
Audio distortion	3%
FM hum and noise	12.5kHz: 11KOF3E 25kHz: 16KOF3E
4FSK Digital modulation	12.5kHz only data: 7K60FXD 12.5kHz data and audio: 7K60FXE
Digital vocoder type	AMBE 可选(Optional)
Digital agreement	DPMR

Main features for both Digital and Analog mode:

- VOX
- Kill
- Stun
- Revive
- Scan
- Ptiory Scan
- System setting
- Emergency alarm
- Definable Sidekey
- Bury channel lockout
- Time-out Time
- DTMF CODEC (coder & decoder)

Main features for Digital mode:

- Privacy call
- Digital code
- GPS(Optional)

Main features for Analog mode:

- 51 CTCSS
- 214 DCS
- 2T / 5T
- ANI