

GP388

One Radio. Endless Possibilities.

SPECIFICATION SHEET



KEY FEATURES

Signalling

- Private Line™
- 5-tone selective signalling

Adaptable and versatile

- Compact model for greater portability
- Easily programmed in the field to support additional features
- Ruggedised design and compelling user interface

Easy to use and set-up

- Programmable buttons for easy access to frequently used features
- Simple menus and alpha-numeric phonebook

Protecting users

- Emergency signalling
- Lone worker feature for staff working remotely
- Whisper mode for discreet communications
- Caller identification

Quality

- MIL Spec 810 compliant
- Meets IP54 environmental standards
- Passed Motorola Accelerated Life Test
- X-Pand™ voice compression technology

Efficiency

- Channel scanning
- Call management features include call forwarding, escalating incoming call alert and missed calls list

Included as standard

- Battery
- Antenna
- Belt clip
- Accessory dust cover
- User manual

Accessory options

A wide range of accessory options are available to customise your radio

- Audio accessories
- Batteries and chargers
- Carry options

*For full details of available accessories,
please contact your local dealer or distributor*



The compact GP388, one of the market-leading radios in Motorola's Professional Series, is an effective feature-packed communication solution for any organisation. The compact radio offers broad functionality; an easy-to-use menu with full keypad for productivity, whilst security features protect users working alone or remotely.

With a wide range of accessories available within the Professional Series; it's easy to build a tailored communications solution to meet your needs.

SPECIFICATIONS

GENERAL SPECIFICATIONS		
Channel Capacity	255	
Power Supply	Rechargeable battery 7.5v	
Dimensions: H x W x D (mm)	Height excluding knobs	
With Standard Li-Ion battery	101.5 x 55.5 x 33.0	
With High capacity Li-Ion battery	101.5 x 55.5 x 38.0	
Weight: (gm)		
With Standard Li-Ion battery	265	
With High capacity Li-Ion battery	285	
Average battery Life @5/5/90 Cycle:	Low Power	High Power
With Standard Li-Ion battery	>9 hours	>7 hours
With High capacity Li-Ion battery	>13 hours	>10 hours
Sealing:	Withstands rain testing per MIL STD 810 C/D/E and IP54	
Shock and Vibration:	Protection provided via impact resistant Housing exceeding MIL STD 810-C/D/E and TIA/EIA 603	
Dust and Humidity:	Protection provided via environment resistant housing exceeding MIL STD 810 C/D/E and TIA/EIA 603	
Operating temperature:	-20°C to +55°C	

PORTABLE MILITARY STANDARDS 810 C, D & E						
Applicable MIL-STD	810C		810D		810E	
	Methods	Procedures	Methods	Procedures	Methods	Procedures
Low Pressure	500.1	1	500.2	2	500.3	2
High Temperature	501.1	1,2	501.2	1,2	501.3	1,2
Low Temperature	502.1	1	502.2	1,2	502.3	1,2
Temp. Shock	503.1	1	503.2	1	503.3	1
Solar Radiation	505.1	1	505.2	1	505.3	1
Rain	506.1	1,2	506.2	1,2	506.3	1,2
Humidity	507.1	2	507.2	2,3	507.3	2,3
Salt Fog	509.1	1	509.2	1	509.3	1
Dust	510.1	1	510.2	1	510.3	1
Vibration	514.2	8,10	514.3	1	514.4	1
Shock	516.2	1,2,5	516.3	1,4	516.4	1,4

Data for +25°C unless otherwise specified

TRANSMITTER	
*Frequencies - Full Bandsplit	VHF: 136-174 MHz UHF 1: 403-470 MHz
Channel Spacing	12.5/20/25 kHz
Frequency Stability	±2.5 ppm
(-25°C to +55°C, + 25°C Ref.)	
Power	136-174: 1-5W 403-470: 1-4W
Modulation Limiting	±2.5 @ 12.5 kHz ±4.0 @ 20 kHz ±5.0 @ 25 kHz
FM Hum & Noise	-40 dB typical
Conducted/Radiated Emission	-36 dBm <1 GHz -30 dBm >1 GHz
Audio Response (300-3000Hz)	+1 to -3 dB
Audio Distortion	<5% typical

RECIEVER	
*Frequencies - Full Bandsplit	VHF: 136-174 MHz UHF 1: 403-470 MHz
Channel Spacing	12.5/20/25 kHz
Sensitivity (12 dB SINAD) EIA	.35 µV typical
Intermodulation EIA	-65 dB
Adjacent Channel Selectivity	60 dB @ 12.5 kHz 70 dB @ 20/25 kHz
Spurious Rejection	70dB
Rated Audio	0.5W
Audio Response (300-3000 Hz)	+1 to -3 dB

*Availability subject to individual country's law and regulations.

Specifications are subject to change without notice and are issued for guidance only.

Radios meet applicable regulatory requirements.

Conforms to RTTE directives 1999/5/EC

Relevant standards: EN300 086-2, EN300 113-2, EN301 489-05

Contact your local Motorola Authorised Dealer to find out more about how communicating with the Professional Radio series will benefit your organisation.



Motorola Limited, EMEA Headquarters
Jays Close, Viabes Industrial Estate, Basingstoke, RG22 4PD, UK
Telephone: +44 (0)1256 358211
www.motorola.com