



MOTOROLA

TWO-WAY RADIOS

GP388: The Small Versatile Radio

The GP388 is essential for growing organisations because of its unique versatility. When necessary, the radio can easily be programmed in the field to add or delete features. So, whether it's the harsh environment of a construction site or the elegance of an exclusive hotel, the radio of choice is the Versatile. It's the radio that grows with you.



A wide array of features include:

- **Signalling**
The radio software encompasses Private Line™ and 5-tone selective signalling.
- **Channel Scan**
Allows activity on different communications channels to be monitored and answered.
- **X-Pand™ Voice Compression and Low Level Expansion**
Crisp, clear and strong audio quality in virtually any noisy environment. Low level expansion allows further improvements in audio quality by reducing noise usually heard during pauses in conversation.
- **Voice Operated Transmit (VOX)**
Hands free operation when used with Vox headset accessory.
- **Emergency Signalling**
Sends a help signal to a pre-defined person or group of people.
- **Lone Worker**
Added security and safety for individuals who work remotely from their team. The radio enters emergency mode if the user does not respond to the warning signal.
- **Whisper**
Allows a user to speak quietly into a radio and still be heard clearly.
- **Call Forward**
Allows calls to be forwarded to another radio user if you are unable to answer your calls personally.
- **User Information**
A 14-character alpha-numeric display contains a battery gauge and provides separate distinctive tones plus name decode for many incoming calls.
- **Ease of Use**
Simple menus and an alpha-numeric contact list make the full power of GP388 simple and intuitive to use.
- **Status Calls**
Pre-defined text messages which allow the user to send meaningful messages without talking.



As Dedicated As You Are

Professional Radio

GP388 Portable Two-Way Radio Specifications

General Specifications	
Channel Capacity	255
Power Supply	Rechargeable battery 7.5v
Dimensions: H x W x D (mm)	Height excluding knobs
With standard Lilon battery	101.5 x 55.5 x 33.0
With high capacity Lilon battery	101.5 x 55.5 x 38.0
Weight: (gm)	
With standard Lilon battery	265
With high capacity Lilon battery	285
Average Battery Life @5/5/90 Cycle:	
With standard Lilon battery	Low Power >9 hours High Power >7 hours
With high capacity Lilon 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

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

Transmitter	
*Frequencies - Full Bandsplit	VHF: 136-174 MHz UHF1: 403-470 MHz
Channel Spacing	12.5/20/25 kHz
Frequency Stability (-25°C to +55°C, +25° Ref.)	±2.5 ppm
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

Receiver	
*Frequencies - Full Bandsplit	VHF: 136-174 MHz UHF1: 403-470 MHz
Channel Spacing	12.5/20/25 kHz
Sensitivity (12 dB SINAD) EIA	.35 µV typical
Intermodulation ETS	-65 dB
Adjacent Channel Selectivity	60 dB @ 12.5 kHz 70 dB @ 20/25 kHz
Spurious Rejection	70 dB
Rated Audio	0.5W
Audio Response (300-3000 Hz)	+1 to -3 dB

Data is specified for +25°C unless otherwise stated.

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

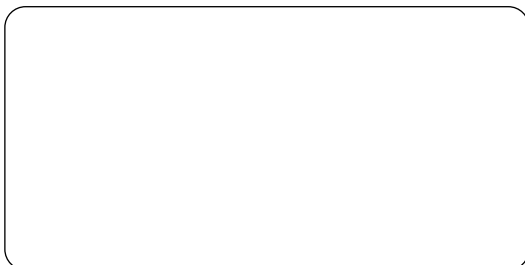
Specifications are subject to change without notice and are issued for guidance purposes only.

Radios meet applicable regulatory requirements.

Confirms to RTTE Directives: 1999/5/EC.

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

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



UK Sales Office

Middle East and Africa Headquarters:

Motorola Ltd
Jays Close, Viabes Industrial Estate
BASINGSTOKE, Hampshire
RG22 4PD United Kingdom
Tel +44 (0) 1256 358211
Fax +44 (0) 1256 469838

Central Europe

Headquarters:

Motorola GmbH
Geschäftsbereich Funk
Am Borsigturm 130
13507 BERLIN, Germany
Tel: +49 30-6686-0
Fax: +49 30-6686-1809

Eastern Europe, Turkey and

Central Asia Headquarters:

Motorola GmbH
Heinrich-Hertz-Strasse 1
65232 TAUNUSSTEIN
Germany
Tel. +49 6128 700
Fax +49 6128 951084



For exceptional performance, reliability and quality, Motorola Original accessories and batteries are the only options.



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