

Two-Way Radio

**GP3188**  
CONVENTIONAL  
PORTABLE



# GP3188

*Easy Usage Great Affordability*



## **Key Attributes and Features**

### **Crystal Clear Audio**

Exceptional audio design for that added communications edge.

### **Extended Talktime**

19hr-talktime on low power and 14hr-talktime on high power for greater productivity.

### **Battery Latch Lock Feature**

Keeps the power source firmly fastened to the radio and allows continuous communication.

### **Durable and Reliable**

Compliant with demanding MIL-STD 810 standards, thus apt for harsh working environments.

### **Compatible Accessories**

Compatible with existing original Motorola and MagOne accessories, thus protecting your investment.

### **Quick and Easy Programming**

Faster programming with the user-friendly Microsoft Windows® based Customer Programming Software.

### **Ideal For:**

#### **Security**

Call for backup with just a simple, one-button operation of the GP3188. Faster response to emergency situations and intruders means a job well done.

#### **Hospitality**

Get compliments, not complaints with prompt, proactive levels of service, thanks to the handy GP3188. Slim, easy to carry around and hands free operation enables staff to meet guest's demands quickly.

#### **Manufacturing**

Coordination with many people, even across different plants, can be done easily and quickly with the GP3188. Its extended talktime will easily last beyond 12-hour shift.

#### **Construction**

A harsh environment requires a hardy radio. The GP3188 meets stringent Military Standards 810 C, D, E and F for durability; and loud 500mW speaker ensures clear audio even in high noise environments.

## Unique Features

All features of the GP3188 are available through a single Toggle button. Remarkably clear and reliably rugged, the GP3188's ergonomic design also adds a touch of style.

## Voice Operated Transmission (VOX)

Provides total handsfree for maximal productivity.

## Battery Indicator

LED provides status of battery life at a glance.

## Sticky Permanent monitor

Allows user to stay on monitor mode without consistently pressing the programmable button.

## Programmable Features

- High/Low Power
- System Scan
- Monitor
- Tight/Normal Squelch
- Repeater/Talkaround
- Battery Indicator

## Accessories

A comprehensive range of accessories is also available so that the radios can be customised to suit your needs. The right combinations of batteries, headsets, carry cases and antenna can increase your productivity and comfort tremendously. Motorola original accessories are built with the highest quality standards and are specially engineered to assure maximum performance of your radio.

## GP3188 Specifications \*

General	VHF		UHF	
Frequency	146-174		403-440, 438-470, 465-495	
Channel capacity	16 channels			
Power supply	7.5V±20%			
Dimensions (without belt clip and antenna)				
With NiCd/extended Lilon	126.5mm (H) x 61.5mm (W) x 45mm (D)			
With standard NMH	126.5mm (H) x 61.5mm (W) x 43mm (D)			
With slim Lilon	126.5mm (H) x 61.5mm (W) x 42mm (D)			
Weight (without belt clip and antenna)				
With extended Lilon	350g			
With slim Lilon	351g			
With standard NMH	421g			
With NiCd	406g			
Average Battery Life@ 5-5-90 Duty Cycle	Hi Power (5W)	Low Power (1W)	Hi Power (4W)	Low Power (1W)
With extended Lilon	14hrs	19hrs	14hrs	19hrs
With slim Lilon	12hrs	17hrs	12hrs	17hrs
With standard NMH	10hrs	13hrs	10hrs	13hrs
With NiCd	8hrs	10hrs	8hrs	10hrs
<b>Receiver<sup>+</sup></b>	<b>VHF 12.5 kHz</b>	<b>VHF 20/25kHz</b>	<b>UHF 12.5 kHz</b>	<b>UHF 20/25kHz</b>
Frequency	146-174		403-440, 438-470, 465-495	
Sensitivity 12dB EIA SINAD	0.25uV		0.25uV	
Adjacent Channel Selectivity	-65dB	-70dB	-60dB	-70dB
Intermodulation	-70dB		-70dB	
Frequency Stability (-30°C to +60°C)	0.00025%		0.00025%	
Spur Rejection	-75dB		-75dB	
Hum and Noise	-45dB@12.5kHz -50dB@25kHz			
Image and 1/2 I-F Rejection	-70dB		-70dB	
Audio Output @ < 5% Distortion	500mW		500mW	
<b>Transmitter</b>	<b>VHF</b>	<b>VHF</b>	<b>UHF</b>	<b>UHF</b>
Frequency	146-174		403-438, 438-470, 465-495	
Channel Spacing	12.5/20/25kHz		12.5/20/25kHz	
Frequency Stability (-30°C to +60°C)	0.00025%		0.00025%	
Spurs/Harmonics	-36 dBm < 1GHz -30 dBm > 1GHz		-36 dBm < 1GHz -30 dBm > 1GHz	
Audio Response (from 6dB/oct. Preemphasis, 300 to 3000Hz)	+1, -3dB		+1, -3dB	
Audio Distortion @1000Hz, 60% Rated Max. Dev.	<3%		<3%	
FM Noise	-40dB (12.5Khz) -45dB (25Khz)		-40dB (12.5Khz) -45dB (25Khz)	
FCC Modulation 20/25 kHz	16K0F3E & 11K0F3E		16K0F3E & 11K0F3E	

\* Availability subject to country's laws and regulations. Radios meet applicable regulatory requirements. All specifications subject to change without notice. Specifications are not representative of all radios and may vary in different radios.  
+ All RF readings are typical.



Stringent Motorola Accelerated Life Testing simulating five years of hard use in real life. EIA RS-3168 in Shock, Vibration, Dust, Humidity, IP54 for Sealing.



Stamp of Approval from the U.S. Military for use in rough environment.



Compliance with ISO 9001 Standard on international quality system assurance on design, development, production, installation and servicing of a product.

## Accessories #

### Batteries

**Slim Lilon Battery, 1600mAh**  
NNTN4970A

**Standard NiMH Battery, 1400mAh**  
NNTN4851A

**Extended Lilon Battery, 1800mAh**  
NNTN4497AR

**NiCd Battery, 1100mAh**  
NNTN4496AR

### Single & Multi Unit Chargers

**Desktop Rapid Charger w/US NA Plug**  
WPLN4138\_R

**Desktop Rapid Charger w/Euro Plug**  
WPLN4139\_R

**Desktop Rapid Charger w/UK Plug**  
WPLN4140\_R

**Rapid Charger MUC 120V w/US Plug**  
WPLN4161AR

**Rapid Charger MUC 220V w/Euro Plug**  
WPLN4162AR

**Rapid Charger MUC 220V w/UK Plug**  
WPLN4163AR

# Motorola carries a wide range of audio and carrying solution. Please refer to specified accessories brochures for more information.



**MOTOROLA**  
Nothing Works Like A Motorola Original Accessory



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