



GP2000s Portable Radio

Practical Features with Exceptional Value



Ergonomically-designed for ease of operation at minimal cost

The Motorola's GP2000s offers a simple & cost-effective solution for businesses which need to keep in touch with their mobile staff. Featuring a new productivity-boosting layout, the GP2000s provides convenience, audio clarity and privacy to users in diverse applications, such as manufacturing, hospitality, retail and other service industries.

Easy-to-use features that boost productivity

Compact form with user-friendly features

Shaped for ease of handling and to ease operator fatigue, the design is compact and lightweight to facilitate portability.

Specially designed front buttons

The large front navigation and programmable buttons are ergonomically designed to facilitate easy access to the radio features. It also allows you to scroll through the user channels quickly and easily.

Ergonomic placement of microphone

The microphone is situated at the optimum position to promote clearer communication.

Battery Saver Feature

Select from 3 power levels – Economy Low, Low or High – to give you flexible control over battery operational efficiency. The Economy Low setting gives you up to 6 additional hours of use during close proximity communication.

Private Lines

Set up talk groups/users with Motorola's unique Private Lines/Digital Private Lines to prevent unwanted conversations on the same frequency. The GP2000s supports EIA standard 42 PL and 84 DPL with 3 more PL than the industry standard.

99 Channels

Multiple channels give you the flexibility to organising work teams into different talk groups. Just a click brings in your pre-assigned group.

8-Digit Alpha-Numeric & Iconic Display

Enable you to determine the radio's operating performance at a glance with the iconic battery and signal strength indicators. Text and number displays such as channel alias and frequency number also provide critical information for your operation.

Extended Talk-Time

Get up to 8.5 hours of talk-time without the need to charge or carry additional batteries during a typical 8-hour work shift.

TECHNICAL SPECIFICATION

General	VHF		UHF	
*Frequency Range	136-174MHz, 216 – 223MHz		403 – 440MHz, 435 – 480MHz	
Memory Channels	99			
Operating Temperature Range	-30° to +60° C (Radio) -20° to +60° C (with NiMH battery)			
Dimensions (H x W x D)	118mm x 56mm x 37mm (38mm top)			
† Standard Capacity NiMH				
Weight	† Standard Capacity NiMH 375g			
Average Battery Life	High Power	Low Power	High Power	Low Power
@ 5 - 5 - 90 Duty Cycle	5W	1W	4W	1W
† Standard Capacity NiMH	> 8 hours	> 11 hours	> 8 hours	>11 hours
Sealing	Passes rain testing per IPX4 (EN60529:1991)			
Shock & Vibration	Diecast with impact resistant polycarbonate housing, passes EIA RS – 316B			
Dust & Humidity	Weather resistant housing passes EIA RS –316B			
Display digits with backlight	8			
Transmitter	VHF		UHF	
RF Output	High Power	Low Power	High Power	Low Power
	5W	1W	4W	1W
Channel Spacing	12.5 / 25kHz			
Frequency Stability	± 2.5ppm			
Modulation Limiting	+ / - 5kHz (25kHz) ; + / - 2.5kHz (12.5kHz)			
Audio Response (from 6dB/oct. Pre-Emphasis, 300 to 3000Hz)	+1, -3dB			
Audio Distortion @ 1kHz tone, 60% rated max dev.	<5%			
FM Hum & Noise	40dB			
Receiver	VHF		UHF	
Sensitivity (12dB SINAD)	0.25µV			
Audio Distortion	<5%			
Hum and Noise	40dB			
Audio Output @ <5% Distortion (7.5V / room temperature)	500mW into 24Ω			

† Standard Capacity NiMH (hi-cap) battery.

* Availability subject to country's law and regulations.

All specifications shown are typical and subject to change without notice.

Additional GP2000s Features

- Prime Channel
- Talk Around
- Busy Channel Lockout
- Nuisance Channel Delete
- LowBattery Alert
- Channel Alias
- Coded Squelch
- Adjustable Squelch Level
- Time-Out Timer (from 0 to 10 minutes)
- Priority Scan
- 3 Scan Lists (each with priority channel)
- Backlight Setting (auto/toggle)
- Receive-only Channel

ACCESSORIES FOR GP2000s



PMMN4008 - Remote Speaker Microphone



PMLN4442 - Earbud with In-line Mic/PTT/VOX switch**



PMLN4443 - Receiver with In-line Mic/PTT/VOX switch**



PMLN4444 - Earset with Boom Mic & in-line PTT/VOX switch**



PMLN4445 - Ultra-light headset with Boom Mic & In-line PTT/VOX switch**



PMTN4088 - Portable Desktop Charger



PMLN4468
PMLN4469 - Holster Case



4285820Z01 - Light Duty Shoulder Strap



PMNN4063/
PMNN4061 - High Cap NiMH Batteries (order belt clip separately)

** The PTT/VOX switch functionality depends on radio software capability.

Portable Military Standards 810, C D and E

Applicable MIL-STD	Methods	Procedures
High Temperature	501.3	1
Low Temperature	502.3	1 & 2
Temperature Shock	503.3	1
Solar Radiation	505.3	1
Humidity	507.3	3
Salt Fog	509.3	1
Dust	510.3	1
Vibration	514.4	1



Stringent Motorola Accelerated Life Testing simulating five years of hard use in real life, EIA RS-316B in Shock, Vibration, Dust, Humidity, IP54 for Sealing.



Compliance with ISO 9001 Standard-9000 international quality system assurance on design, development, production, installation and servicing of a product.



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



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