

Two-Way Radio

GP2000s
CONVENTIONAL
PORTABLE



MOTOROLA
intelligence everywhere™

GP2000s

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.

8-Digit Alpha-Numeric & Iconic Display

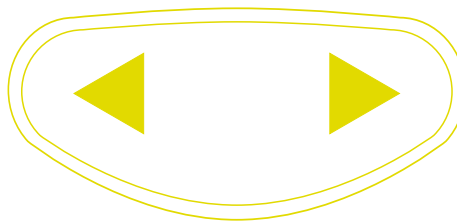
Enable you to determine the radio's operating performance at a glance with the iconic battery and signal strength indicators. Text and number displays such as channel alias and frequency number also provide critical information for your operation.

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.



Specially designed large front buttons

- scroll through channels quickly & easily -

A

B

C

D

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.

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.

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.

Additional GP2000s

Features

- Prime Channel
- Talk Around
- Busy Channel Lockout
- Nuisance Channel Delete
- Low Battery 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

GP2000s Accessories



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

PMTN4088
Portable Desktop
Charger



PMLN4468
PMLN4469
Holster Case

4285820Z01
Light Duty
Shoulder Strap




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

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


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

General	VHF	UHF	
*Frequency Range	136 – 174 MHz	403 – 440 MHz 435 – 480 MHz	
Memory Channels	99		
Operating Temperature Range	-30° to +60° C (Radio) -20° to +60° C (with NiMH battery)		
Dimensions	H x W x D		
† Standard Capacity NiMH	118mm x 56mm x 37mm (38mm top)		
Weight	375g		
† Standard Capacity NiMH (include belt clip & standard UHF antenna)			
Average Battery Life @ 5 - 5 - 90 Duty Cycle	High Power 5W > 8 hours	Low Power 1W > 11 hours	High Power 4W > 8 hours
† Standard Capacity NiMH			Low Power 1W > 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 5W	Low Power 1W	High Power 4W
Channel Spacing	12.5 / 25 kHz		
Frequency Stability	± 2.5ppm		
Modulation Limiting	+ / - 5kHz (25kHz) ; + / - 2.5kHz (12.5 kHz)		
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.



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.

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

