

GP330

Communication made easy



The GP330 offers a simple and effective communication solution with a comprehensive feature set at a very competitive price. The four channel radio will ensure that team members stay in contact, that user safety is ensured through security features and that efficiency and productivity is maximized.

The radio software encompasses Private Line™ and 5-tone signalling, allowing set up of selective calls to individuals or groups.

The GP330 delivers 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.

User safety is an important part of the GP330 offering. Emergency Signalling lets the user alert a predefined person or group of persons. For those working remotely from their team, the Lone Worker function provides added security by entering emergency mode if the user does not respond to a warning signal.

The GP330 is supported by a wide range of Motorola Original Accessories including carry cases and straps, earpieces and headsets, batteries and chargers, all designed to tailor the radio to the precise requirements of the user.

Additional features

Adjustable Power Levels

The radio output power has two settings – low power extends battery life and high power allows the radio to transmit over a greater distance.

Call Forward

Allows calls to be forwarded to another radio use if you are unable to answer your calls personally.

VOX capable

The GP330 is VOX capable and when used together with VOX headset it allows for voice-activation leaving the user's hands free to work.

Whisper function

In noise-sensitive environments, the Whisper function means that users can speak quietly into their radios and still be understood thus minimising disruption. Programmable Channel Spacing (12.5/20/25 kHz) Flexible and easy migration of channel spacing requirements in any situation

Talkaround

Freedom to communicate utilising a system or dispatcher for wide-area coverage, or bypass and talk directly to another unit for easy local unit-to-unit communications.

Quality

The GP330 is a quality MOTOROLA product and complies to the MIL810 specifications and has undergone Motorola's ALT testing simulating 5 years or hard use.

GENERAL SPECIFICATIONS					
Channel Capacity	4				
Power Supply	Bechargeable hattery 7 5v				
Dimensions: H x W x D (mm)	Height excluding knobs				
With Standard high capacity	137 x 57.5 x 37.5	5			
NiMH battery					
With Ultra high capacity NiMH battery	137 x 57.5 x 40.0)			
With NiCD battery	137 x 57.5 x 40.0)			
With Li-lon battery	137 x 57.5 x 33.0)			
Weight: (gm)					
With Standard high capacity	420				
NiMH battery					
With Ultra high capacity NiMH battery	500				
With NiCD battery	450				
With Li-Ion battery	350				
Average battery life @ 5/5/90 Cycle:	Low Power	High Power			
With Standard high capacity	11 hours	8 hours			
NiMH battery					
With Ultra high capacity NiMH battery	14 hours	11 hours			
With NiCD battery	12 hours	9 hours			
With Li-Ion battery	11 hours	8 hours			
Sealing:	Withstands rain t	Withstands rain testing per			
	MIL STD 810 C/D/E/F and IP54				
Shock and Vibration:	Protection provided via impact resistant				
	housing exceeding MIL STD 810-C/D/E/F and				
	TIA/EIA 603				
Dust and Humidity:	Protection provided via environment resistant				
	housing exceeding MIL STD 810 C/D/E/F and				
	TIA/EIA 603				
Operating temperature:	-30°C to +60°C				

Storage temperature: -40°C to +85°C

TRANSMITTER				
*Frequencies - Full Bandsplit	VHF: 136-174 MHz			
	UHF: 403-470 MHz			
Channel Spacing	12.5 / 20 / 25 kHz			
Frequency Stability	1.5 kHz @ 12.5 kHz			
(-30°C to +60°C, +25°C Ref.)	2.0 kHz @ 20/25 kHz			
Power	136-174: 1-5VV			
	403-470: 1-4W			
Modulation Limiting	±2.5 @ 12.5 kHz			
	±4.0 @ 20 kHz			
	±5.0 @ 25 kHz			
Conducted/Radiated Emission	-36 dBm <1 GHz			
	-30 dBm ≥ 14 GHz			
Adjacent Channel Power	-60 dB @ 12.5 kHz			
	-70 dB @ 20/25 kHz			
RECEIVER				
*Frequencies - Full Bandsplit	VHF: 136-174 MHz			
	UHF: 403-470 MHz			
Channel Spacing	12.5 / 20 / 25 kHz			
Sensitivity (20 dB SINAD) EN	.60 μV typical /			
	12.5 kHz			
Intermodulation	65 dB			
Adjacent Channel Selectivity	60 dB @ 12.5 kHz			
	70 dB @ 20/25 kHz			
Spurious Rejection	70 dB			
Conduncted Spurious Emission	-57 dBm <1 GHz			
	-47 dBm ≥ 14 GHz			

Portable Military Standards 810 C, D, E & F										
Applicable MIL-STD	81 Methods	0C Procedures	81 Methods	0D Procedures	81 Methods	0E Procedures	81 Methods	0F Procedures		
Low Pressure	500.1	1	500.2	2	500.3	2	500.4	2		
High Temperature	501.1	1,2	501.2	1,2	501.3	1,2	501.4	1,2		
Low Temperature	502.1	1	502.2	1,2	502.3	1,2	502.4	1,2		
Temp. Shock	503.1	-	503.2	1	503.3	1	503.4	1		
Solar Radiation	505.1	2	505.2	1	505.3	1	505.4	1		
Rain	506.1	1,2	506.2	1,2	506.3	1,2	506.4	1,3		
Humidity	507.1	2	507.2	2	507.3	2	507.4	-		
Salt Fog	509.1	-	509.2	-	509.3	-	509.4	-		
Dust	510.1	1	510.2	1	510.3	1	510.4	1		
Vibration	514.2	8	514.3	1,2	514.4	1,2	514.5	1		
Shock	516.2	1,2	516.3	1,4	516.4	1,4	516.5	1,4		

Data is specified for +25°C unless otherwise stated

For more information please contact your local Motorola Authorised Dealer or Distributor

