



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 user 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.

Specification Sheet

GENERAL SPECIFICATIONS

| | | |
|--|---|------------|
| Channel Capacity | 4 | |
| Power Supply | Rechargeable battery 7.5v | |
| Dimensions: H x W x D (mm) | Height excluding knobs | |
| With Standard high capacity NiMH battery | 137 x 57.5 x 37.5 | |
| 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-Ion battery | 137 x 57.5 x 33.0 | |
| Weight: (gm) | | |
| With Standard high capacity NiMH battery | 420 | |
| 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 NiMH battery | 11 hours | 8 hours |
| 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 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 (-30°C to +60°C, +25°C Ref.) | 1.5 kHz @ 12.5 kHz 2.0 kHz @ 20/25 kHz |
| Power | 136-174: 1-5W 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 ≥ 1...4 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 |
| Conducted Spurious Emission | -57 dBm < 1 GHz -47 dBm ≥ 1...4 GHz |

Portable Military Standards 810 C, D, E & F

| Applicable MIL-STD | 810C | | 810D | | 810E | | 810F | |
|--------------------|---------|------------|---------|------------|---------|------------|---------|------------|
| | Methods | Procedures | Methods | Procedures | Methods | Procedures | Methods | 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



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