

## Description

The Motorola GP338 is a highly versatile and robust two-way radio designed to meet the demanding communication needs professionals across various industries. Renowned for its reliability and durability, the GP338 offers clear and crisp audio quality, ensuring effective communication even in noisy environments. It operates across multiple frequency ranges (VHF and UHF) and features 128 channels, making it suitable for diverse applications. Advanced features such as MDC1200 signaling, emergency alarms, and lone worker mode enhance its functionality, while the extended battery life of hours ensures long-lasting performance. Its ergonomic design and userfriendly interface make it comfortable to use and easy to operate. Widely used in public safety, construction, manufacturing, security, and logistics,

## **Product Specification**

• Make: Motorola Japan

• **Model**: GP 338

• Frequency Range: VHF 136-174 MHz, UHF: 403-470 MHz,450-

527 MHz

Channel Capacity: 128 channels
Power Supply: 7.5V (Nominal)

Weight: 420g (with standard NiMH battery)
High Capacity NiMH Battery: Up to 11 hours

Li-lon Battery: Up to 16 hours
Channel spacing: 12.5/20/25KHz
Operating Temperature: -30°C~+60°C

Operating Voltage: DC 7.5VFrequency stability: ±0.5ppm

• Output power: VHF: 1-5W, UHF: 1-4W

Adjacent Channel Power: 60 dB (12.5), 70 dB (20 and 25 kHz)
 4FSK Digital Modulation: 12.5kHzData:7K60F1Dand 7K60FXD

• 12.5 kHz Voice: 7K60F1E and 7K60FXE

• Combination of 12.5 kHz Voice and Data: 7K60F1W

Analog Sensitivity: 0.16 uV
 Digital Sensitivity: 0.14 uV

• Intermodulation, Spurious Rejection: 70 dB

• **Hum and Noise:** ≤-40dB (12.5kHz), ≤-45dB (25kHz)

Water and Dust Intrusion: IP54







