



MOTOROLA



GM339 & GM399 - Select V Mobile Radio
Versatility & Sophistication on the Move



Motorola GM339 & GM399 Select V Mobile Radios

GM339

Versatility on
the go

GM399

Sophistication
on the move



In a rapidly changing market, instant communication and versatile mobile communication solutions are critical to the success of your business. With Motorola's GM339 & GM399 Select V mobile radios, you can now enjoy immediate and reliable communication to keep your mobile teams working efficiently.

Whether you are a courier service personnel where information on direction is critical, or a police officer needing emergency backup at an accident scene, or from a transportation company that wants to improve its fleet management, both the GM339 & GM399 Select V mobile radios are solutions that let you stay in touch and in control.

Both GM339 & GM399 Select V mobile radios are compatible with Private Line and 5-tone Selective signalling protocols.

GM339 and GM399 Common Features & Benefits

5-tone Selective Signalling Standards

Both radios support 5-tone selective signalling standards, which include ZVEI, Modified ZVEI, French Modified ZVEI, 20ms CCIR, 70 ms CCIR, 100 ms CCIR and EEA signalling systems, that enhance productivity. These radios also offer users the flexibility to program their own 'user-defined' signalling standards into the radio.

Excellent Audio Technology

Motorola's special voice compression and low level expansion technology ensures crisper, clearer and stronger audio quality, allowing you to communicate even in a noisy working environment.

Switchable Channel Spacing

Both radios enable programmable channel spacing of 12.5/20/25 kHz, offering flexibility and easy migration of channel spacing protecting your investment should your country's regulatory channel spacing requirement change.

Lone Worker

This feature provides added security and safety for individuals who are on remote work sites from their team, as well as for those who work in potentially dangerous conditions. The radio will automatically enter into an emergency mode if the user does not respond to the warning signal after a pre-determined time lapse, thereby alerting co-workers to any potential emergency.



Rugged and reliable, the GM339 and GM399 mobiles are ideal for transportation services and courier companies.

Common Features

- 5-tone Selective Signalling Standards
- Excellent Audio Technology
- Switchable Channel Spacing
- Lone Worker
- 255 channels
- Large Control Buttons
- Remote Mount Control Head

255 channels

A full 255-channel operating capacity on both the GM339 and GM399 enables the mobiles to accommodate a vast number of users and work groups concurrently. Users can program each channel individually for different power output, private line (PL) / digital private line (DPL) for privacy calls, as well as memory channel and busy channel lock out to enhance communication efficiency and improve fleet management.

Large Control Buttons

The large control buttons allow users easy navigation of menu and exit functions.

Remote Mount Control Head

The remote mount control head can be mounted on the dashboard without the radio chassis, ideal when space is a constraint.

Enhanced Signalling

Features

- PTT ID
- Stun/Unstun
- Emergency Signalling
- Status Call



GM339

GM399

GM339 - Versatility on the Go

With its extensive list of programming features, the GM339 is most suited for a growing organisation. The versatile GM339 mobile will keep your productivity at its highest, no matter how fast your business grows.

14 Characters 1-line Alphanumeric LCD Display

The large one-line alphanumeric display with icons such as radio signal indicator & caller identification make it easy to read both the text and icon display.

Optional Voice Storage

Through an optional voice storage board, the GM339 can record important messages or personal memos up to 120 seconds.

4 Customised Buttons

Easy to use, users have the flexibility to dedicate the most useful operations to these specific buttons for instant one-touch access.

GM399 - Sophistication on the Move

The GM399 is for professionals who need advanced features. A sophisticated communication tool with a user friendly interface such as a full alphanumeric keypad and large 4-line alphanumeric display, helps to improve the efficiency and productivity of your mobile workforce.

Full Keypad

The full alphanumeric keypad make it easy to edit the contact list and enable quick entry of desired channel number, contact list address, status or messages number.

14 Characters 4-line Alphanumeric LCD Display

The large alphanumeric display enables users to read up to 4 lines of text messages instantly. The display also features a radio signal strength icon provides different tone and alpha tagging for incoming calls, enabling both audio and text caller identification.

Built-in Voice Storage

The built-in voice storage provides users with a paperless notepad to store & retrieve messages. The radio's performance is further enhanced through recording of important messages or personal memos of up to 120 seconds.

7 Customised Buttons

Allow users greater flexibility to assign the most important operations to these specific buttons for quicker one-touch access.

Enhanced Signalling Features for GM339 & GM399

Select V Signalling Protocol:

* PTT ID

Enables the transmission of caller ID and allows users to identify incoming callers.

* Stun/Unstun

Unauthorised radio users can be disabled over the air.

* Emergency Signalling

Allows users to discreetly send help signals to a pre-defined person or group(s) of users giving added peace of mind for the users.

* Status Call

Up to 255 pre-defined text messages can be assigned to code digits in the status list, allowing users to send frequently used messages without the need to talk.

Enhance Your Radio's Capabilities

A comprehensive range of accessories is also available so that the radios can be customised to suit your needs. Adding the proper handset, speakers, microphones & mounting accessories can enhance your productivity. Motorola accessories are built with the highest quality standards and are specially engineered to assure maximum performance of your radio.



AARMN4026
Keypad Microphone



PMMN4007
Microphone






RLN4802
Remote Mount Kit



RLN4857
Push Button with Remote PTT



RLN4856
Foot Switch with Remote PTT

<p>Two-Year Warranty Each Motorola radio is backed by a 2 year warranty on radio parts and labour (one-year warranty on the battery, charger, antenna and belt clip).</p>	<p>Accelerated Life Testing 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.</p> 	<p>MIL-STD 810C, D and E Stamp of approval from the U.S. Military for use in rough environments</p> 	<p>ISO 9001 Standard Compliance with ISO 9001 Standard—an international quality system assurance on design, development, production, installation and servicing of a product.</p> 
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Mobile Military Standards 810 C, D, & E						
Applicable MIL-STD	810 C		810 D		810 E	
	Methods	Procedures	Methods	Procedures	Methods	Procedures
Low Pressure	500.1	1	500.2	2	500.3	2
High Temp	501.1	1, 2	501.2	1, 2	501.3	1, 2
Low Temp	502.1	2	502.2	1, 2	502.3	1, 2
Temp. Shock	503.1	1	503.2	1	503.3	1
Solar Radiation	505.1	1	505.2	1	505.3	1
Rain	506.1	2	506.2	2	506.3	2
Humidity	507.1	2	507.2	2, 3	507.3	3
Salt Fog	509.1	1	509.2	1	509.3	1
Dust	510.1	1	510.2	1	510.3	1
Vibration	514.2	8, 10	514.3	1	514.4	1
Shock	516.2	1, 2, 5	516.3	1	516.4	1

GM339 & GM399 Specifications		
General Specifications	VHF	UHF
* Frequency Range	136-174MHz	403-470MHz 450-527MHz
Frequency Stability (-30C to 60C, 25c Ref.)	± 2.5ppm	± 2ppm
Channel Capacity	255	
Power Output	1 to 25W	
Power Supply	13.2 Vdc (10.8-15.6 Vdc) Negative Vehicle ground	
Channel Spacing	12.5/20/25 kHz	
Dimensions (L x W x H)	186mm x 179mm x 59mm	
GM339: (add 9mm for volume knob)	186mm x 179mm x 59mm	
GM399: (add 7mm for volume knob)	188mm x 185mm x 72mm	
Weight	1400gms (3.15 lbs)	
Operating Temperature	- 30 to +60° C	
Sealing	Passes rain testing to IP54	
Shock and Vibration	Meets MIL-STD 810-C,D&E and TIA/EIA 603	
Dust	Meets MIL-STD 810-C,D&E and TIA/EIA 603	
Humidity	Meets MIL-STD 810-C,D&E and TIA/EIA 603	
Transmitter	VHF	UHF
Modulation Limiting	± 2.5kHz @ 12.5kHz ± 4.0 kHz @ 20kHz ± 5.0 kHz @ 25kHz	
FM Hum & Noise	- 40dB @ 12.5kHz - 45dB @ 20/25kHz	
Conducted/Radiated Emissions	- 36dBm < 1 GHz - 30dBm > 1 GHz	
Adjacent Channel Power	- 60dB @ 12.5kHz - 70dB @ 20/25kHz	
Audio Response (300 to 3000Hz)	+1, - 3dB	
Audio Distortion @ 1000Hz, 60% Rated Max. Deviation	3%	
Receiver	VHF	UHF
Sensitivity (12dB SINAD)	0.22µV	
Intermodulation (EIA)	78dB @ 25kHz 78dB @ 20kHz 75dB @ 12.5kHz	75dB @ 25kHz 75dB @ 20kHz 75dB @ 12.5kHz
Adjacent Channel Selectivity	80dB @ 25 kHz 70dB @ 20 KHz 65dB @ 12.5 kHz	75dB @ 25 KHz 70dB @ 20 kHz 65 dB @ 12.5 kHz
Spurious Rejection	80dB @ 20/25 KHz 75dB @ 12.5 KHz	75dB @ 20/25 kHz 70dB @ 12.5 kHz
Rated Audio	3W Internal 7.5W & 13W External	
Audio Distortion @ rated audio	3% Typical	
Hum & Noise	- 40dB @ 12.5kHz - 45dB @ 20/25kHz	
Audio Response (300 to 3000Hz)	+1, - 3dB	
Conducted Spurious Emission per FCC part 15	- 57dBm < 1 GHz - 47dBm > 1 GHz	
* Availability subject to country's law and regulations / Specifications subject to change without notice. All specifications shown are typical. Radios meet applicable regulatory requirements.		

Contact our dealer for more information



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