



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

### Enhanced Signalling Features

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

### 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.



GM339

GM399

## 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 - 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)		
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 65dB @ 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.



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