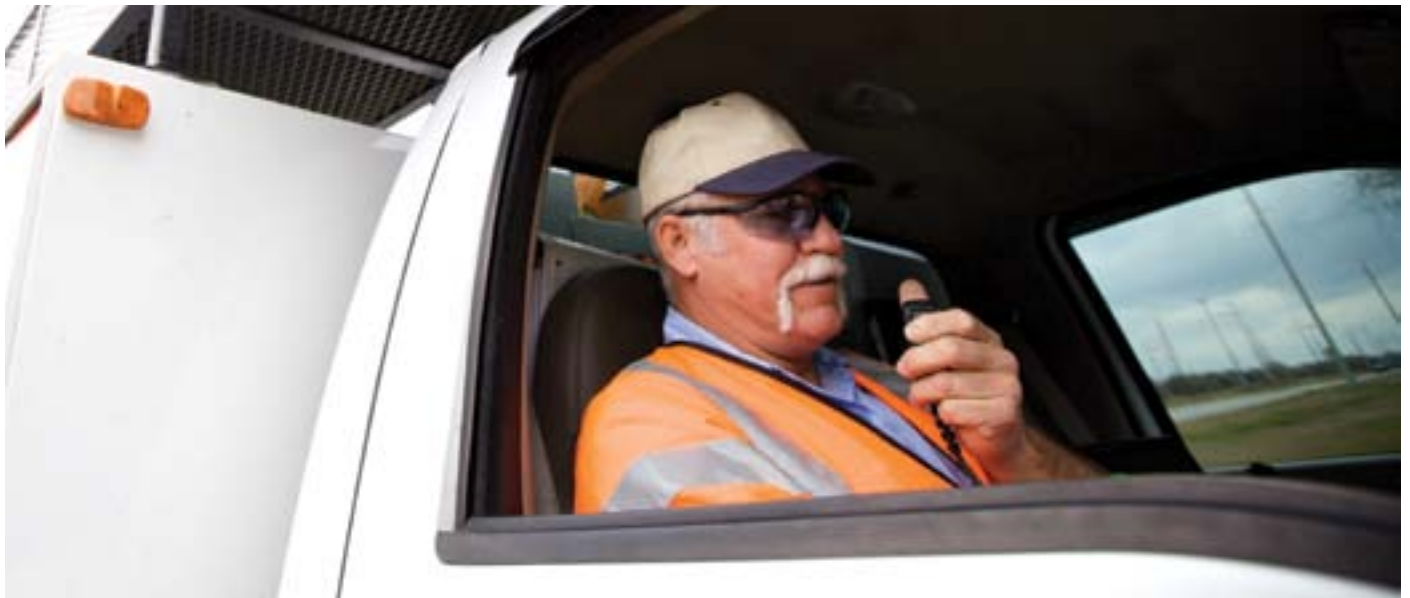


COMMERCIAL CITIZEN BAND TWO-WAY RADIO GM CB MOBILE



RELIABILITY ON THE ROAD.





COMMERCIAL CITIZEN BAND (CB) RADIO

GM CB MOBILE

Enjoy the efficiency and productivity of two way radio communication on the road with the Motorola GM CB mobile. With 80 citizen band channels to support communications across your workforce without the need for annual licensing fees or contracts.

Ideal for the rugged on road environments for construction, agriculture, manufacturing, warehousing and transportation the GM CB Mobile is a commercial grade radio built to military specifications. MIL-STD 810C, D and E for temperature extremes, solar radiation, rain, humidity, salt fog, dust, vibration and shock.

KEY FEATURES

- 80 preprogrammed CB Channels to accommodate your business needs
- 3 Quick Access Buttons – enabling easy, one-touch access to four frequently-used functions: Monitor, Repeater Talkaround, Scan and Transmitting Power Level.
- Large 8-character Alphanumeric Display - Displays icons for quick identification of radio status.
- Scanning – allows users to monitor activities on different communication channels so that messages will not be missed.
- Talkaround mode enabling communication even when a repeater is not being used.
- User programmable feature allows customisation of radio profiles.
- Audio Enhancement voice compression mode and powerful 4W front facing speaker for maximum audio clarity. Optional 13W external speaker is available for high-noise environments like the construction and manufacturing industries.
- Low (1W) and High (5W) power options provide the flexibility to adjust the power level to suit the user environment.
- Meets demanding specifications including:
- US Military Specifications 810C, D and E international standards, which make them suitable for use in tough environments
- IP54 rated – Ingress Protection (IP) against dust (rating 5) and water (rating 4)
- Motorola accelerated life Testing (ALT) standards for durability and reliability

ACCESSORIES

A wide range of Motorola Original® audio, energy and carrying accessories, as well as Mag One™ audio accessories, provide an affordable option for light duty radio users.

Mount Kits



Low Profile Trunnion
GLN7324 - supplied



High Profile Trunnion
GLN7317

8 inch Gooseneck Bracket
HLN9227
ELM DIN Mount Kit
FTN6083
Key Lock Mount UHF/VHF (No Manual)
RLN4779
Desktop Tray without Speaker
RLN5391
Accy Connector facility kit
HLN9457

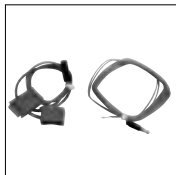
Power Cable

Low Power Cable to Battery (10-25 W Models)
HKN4137 - supplied
Mobile Power Cable, 60W
HKN4191

Power Supply

12V 8A w/Battery Management & Fan Control
APN6153B

Cable



Ignition Switch Cable
HKN9327

External Alarm Relay Cable
HLN9328

Speaker



7.5 Watt External
Speaker
HSN8145



External Speaker 13W
(No Manual)
RSN4001

Microphone



Telephone Style Handset
Kit (with hangup cup &
telephone style handset)
AAREX4617

Compact Microphone
HMN3413 - supplied
Heavy Duty Palm Microphone with 10.5ft Cord
HMN1035
Desktop Microphone
RMN5068
Microphone Hang-Up Clip (all microphones)
HLN9073
Enhanced Keypad Microphone
RMN5029
Compact Palm Microphone (MAG ONE)
RMN5018
Keypad Microphone (MAG ONE)
RMN5019

Public Address and Accessories

CDM PA External Box
RLN5288
Exyternal Speaker for Car Kit
HSN1006
Public Address Amplified Speaker Cable, 15 ft.
HKN9324

Handsfree Kit



Omni-directional
Microphone
GMMN4065



Footswitch With Remote
PTT (Eng Manual)
RLN4856



Emergency Footswitch
(Eng Manual)
RLN4836



Pushbutton With Remote
PTT (Eng Manual)
RLN4857



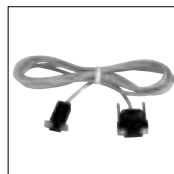
Gooseneck With Remote
PTT (Eng Manual)
RLN4858

Visor Mounted Mic
AARMN4027

Service Aids



Radio Interface Box (RIB)
RLN4008



9 Pin PC to RIB Cable
(IBM AT or Compatible)
3080369B72



25 Pin PC to RIB Cable
(IBM XT or Compatible)
3080369B71

ELM Flash/Data Adapter
FKN8096
ELM Adapter Cable
FKN8113
Mobile Test Box
RLN4460
Mobile Programming Test Cable
AARKN4083
Control Head De-Mounting Tool
6686119B01
Hex Tool (Assit in the removal of Antenna connector)
6680334F39

Option

Omit Standard Microphone Option
AZB71

GM CB MOBILE RADIO SPECIFICATIONS*

General Specifications	GM CB MOBILE UHF							
Frequency	476-477MHz							
Channel Capacity	80 CB channels							
Power Output	1 / 5W							
Power Supply	13.8 Vdc (11 Vdc - 16.6 Vdc) negative vehicle ground							
Channel Spacing	Fixed at 12.5kHz except for CH 22 / CH23 @ 25kHz							
Frequency Stability	(-30°C, +60°C, +25°C Ref) +/-2.5ppm							
Dimensions	(H * W * L) 44mm x 169mm x 118mm							
Weight	1.01 Kg							
Operating temperature	-30 to +60°C							
Sealing	Passes rain and dust testing to IP54							
Shock and Vibration	Meets MIL-STD 810-C, D&E and TIA/EIA 603							
Receiver	GM CB MOBILE UHF							
Sensitivity (12db Sinad)	0.35uV (12.5KHz)							
	0.3uV (25KHz)							
Intermodulation	60dB (12.5KHz)							
	70dB (25KHz)							
Adjacent Channel Selectivity	60dB (12.5KHz)							
	70dB (25KHz)							
Spurious Rejection	70dB							
Rated Audio (extended audio with 4 ohm speaker)	4W internal							
	13W external							
Audio Distortion @ Rated Audio	3% typical							
Hum and Noise	-35dB (12.5KHz)							
	-40dB (25KHz)							
Audio Response (300 to 3000Hz)	+1, -3dB							
Conducted Spurious Emission	-57dBm < 1GHz							
	-47dBm > 1GHz							
Transmitter	GM CB MOBILE UHF							
Modulation Limiting	+/- 2.5KHz (12.5KHz)							
	+/-5KHz (25KHz)							
FM Hum & Noise	-35dB (12.5KHz)							
	-40dB (25KHz)							
Conducted / Radiated Power	-36dBm < 1GHz							
	-30dBm > 1GHz							
Adjacent Channel Power	-60dB (12.5KHz)							
	-70dB (25KHz)							
Audio Response (300 to 3000Hz)	+1, -3dB							
Audio Distortion @ 1000Hz, 60% Rated Max. Deviation	3% typical							
Military Standards								
Applicable MIL-STD	810C		810D		810E		810F	
	Method	Proc./Cat.	Method	Proc./Cat.	Method	Proc./Cat.	Method	Proc./Cat.
Temperature Shock	503.1	I	503.2	I	503.3	I	503.3	I
Solar Radiation	505.1	I	505.2	I	505.3	I	505.4	I
Salt Fog	509.1	I (48 Hours)	509.2	I (48 Hours)	509.3	I (48 Hours)	509.4	I (48 Hours)
Vibration	-	-	514.3	1, Cat 1	514.4	1, Cat 1	514.5	1, Cat 1
Shock	516.2	I, III	516.3	I, V	516.4	I, V	516.5	I, V
Rain	506.1	II	506.2	II	506.3	II	506.4	II
Dust	510.1	I	510.2	1	510.3	I	510.4	I

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Motorola Solutions Australia Pty Limited

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Motorola: Reliability & Quality



Accelerated Life Testing
Stringent Motorola Accelerated Life Testing simulating five years of hard use in real life. EIA R5-3168 in Shock, Vibration, Dust, Humidity, IP54 for Sealing.



MIL-STD 810C, D, E and F
Stamp of Approval from the U.S. Military for use in rough environments.



ISO 9001 Standard
Compliance with ISO 9001 Standard on international quality system assurance on design, development, production, installation and servicing of a product.