

# CB PRO Plus

**40 Channels**

**No Licensing Fees**

**2 Year Warranty**

**Functional  
communications  
with a hardy exterior.**

 **MOTOROLA**



# KEY FEATURES

*40 channels.*

*No licensing contracts or fees.*

*Large range of accessories.*

*2 year warranty.*

*Built in voice scrambling.*

*Up to 16 hours battery life\*.*

*Meets U.S. military standards  
MIL 810 C, D, E, F.*

*Comes complete with  
Lithium Ion battery,  
whip antenna,  
belt clip and single  
unit charger.*



# 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.

## Chargers.

**PMLN5395** Tri chemistry single unit 240V rapid charger



PMLN5395



PMMN4081 / PMMN4080

## Batteries.

**PMMN4081** 1500mAh Li-Ion battery (without belt clip)

**PMMN4080** 2150mAh Li-Ion battery (without belt clip)

## Remote Speaker Microphones.

**PMMN4013** Wind porting remote speaker microphone with 3.5mm audio accessory jack

**PMMN4029** Wind porting waterproof (IP57) remote speaker microphone

**PMMN4008** Mag One remote speaker microphone



PMMN4008



PMMN4013

## Remote Speaker Microphone Ear Pieces.

**AARLN4885** Receive-only ear bud RSM ear piece (3.5mm)

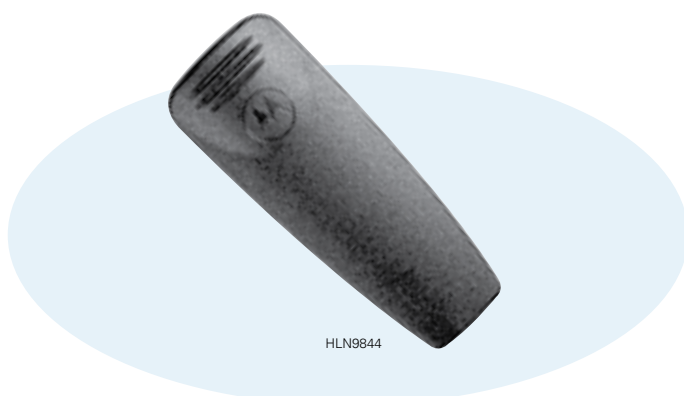
**PMLN4620** Receive-only D-shell RSM ear piece (3.5mm)

**RLN4941** Receive-only quick release acoustic tube RSM ear piece (3.5mm)

**WADN4190** Receive-only flexible receiver RSM ear piece (3.5mm)



WADN4190

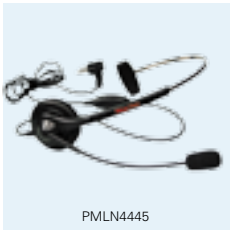


HLN9844

## Carrying Cases.

**PMLN5334** Protective leather case

**HLN9844** Spring belt clip (for 1.5" belt width)



PMLN4445



HMN9013



PMLN5003

## Headsets.

**PMLN4445** Ultra-light headset with boom microphone and in-line PTT/VOX Switch (Mag One)

**HMN9013** Light weight headset with swivel boom microphone

**PMLN5003** Temple transducer headset with in-line PTT and microphone

## Ear Pieces.

**RLN4895** 2-wire surveillance kit with over the ear hook (black)

**HMN9754** 2-wire surveillance kit with over the ear hook (beige)

**PMLN5001** 2-wire surveillance kit with D-style ear piece (black)

**RLN5317** 2-wire surveillance kit with quick release acoustic tube (beige)

**RLN5318** 2-wire surveillance kit with quick release acoustic tube (black)

**PMLN4442** Mag One ear bud with in-line microphone/PTT/VOX switch

**PMLN4443** Mag One flexible ear receiver with in-line microphone/PTT/VOX switch

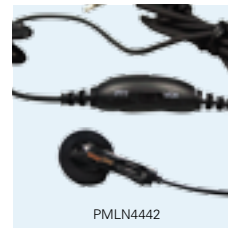
**PMLN4444** Mag One ear set with boom microphone and in-line PTT/VOX switch



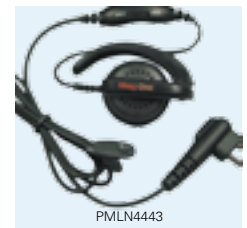
PMLN5001



HMN9754



PMLN4442



PMLN4443

## Acoustic Tube Spares.

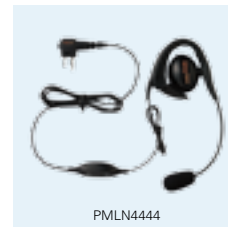
**RLN6230** Extreme noise kit, includes foam ear plugs with quick release acoustic tube (black clip)

**RLN6231** Extreme noise kit, includes foam ear plugs with quick release acoustic tube (beige clip)

**RLN6232** Low noise kit, includes rubber tip with quick release acoustic tube (black clip)

**RLN6241** Low noise kit, includes rubber tip with quick release acoustic tube (beige clip)

**RLN6242** Quick release acoustic tube replacement



PMLN4444

## Antennas.

**PMAE4006** UHF 9cm stubby helical antenna (465-495 MHz)

**PMAE4016** UHF 16.5cm whip antenna (403-520 MHz)

# CB PRO Plus

*Looking for a commercial citizen band radio with the assurance of the Motorola quality seal?*

*Look no further, the Motorola CB PRO Plus is your communication solution.*

The Motorola CB PRO Plus is an easy-to-use radio operating on the Citizen Band and does away with the need for licensing contracts or fees. It is ideal for anyone wanting a simple, affordable CB radio which is also built to meet Motorola's superior commercial quality standards.

With 40 CB channels, the CB PRO Plus boasts built-in voice scrambling providing enhanced privacy and communication while improving work efficiency.

Its durable, lightweight and compact design is comfortable to use and is ideal for agriculture, education and hospitality applications as well as the rugged industrial environments of construction, mining and manufacturing.

The CB PRO Plus meets US military specifications! Temperature extremes, solar radiation, rain, humidity, salt, fog, dust, vibrations and even electric shock won't phase the performance of this hard working radio.

The Motorola CB PRO Plus is a quick start communication tool that is easy on the hip pocket and can be utilised with a large range of genuine Motorola and Mag One accessories giving you operational efficiency backed by Motorola's renowned reliability.

*Communication is important,  
so why make it hard?*

*The CB PRO Plus is a rugged radio that  
has been designed with you in mind.*

# Radio Specifications\*\*

## General Specifications

	CB PRO Plus
	UHF
Frequency Range	476MHz (CH 1 - 40)
Model Number	AZH03RDH8AA5
Channel Capacity	40 pre-programmed channels
Channel Spacing	25kHz
Operating Temperature Range	-30°C to +60°C (Radio)
Dimensions (H X W X D) with Li-Ion battery	120 x 55 x 35.5 mm
High Capacity Li-Ion battery	120 x 55 x 40.7 mm
Weight with Li-Ion battery	335.0g
High Capacity Li-Ion battery	342.0g
Average Battery Life @5-5-90% Duty Cycle, with Li-Ion battery	High Power up to 11 hrs
High Capacity Li-Ion battery	up to 16 hrs
Sealing	Passes rain testing per IP54
Shock & Vibration	Diecast with impact resistance polycarbonate housing, Meets MILSTD810C/D/E/F
Dust & Humidity	Weather resistant housing Meets MILSTD810C/D/E/F

## Transmitter

	CB PRO Plus	
RF Output	High Power 4W	Low Power 1W

## Receiver

	CB PRO Plus
Sensitivity (12dB SINAD)	<-119 dBm (0.25uV)
Adjacent Channel Selectivity	> 70dB (25kHz), >65dB (12.5kHz)
Intermodulation	>70dB
Spurious Rejection	>70dB
Audio Distortion	<5%
Hum and Noise	>40dB
Conducted Emission	< -57dBm for below 1GHz < -47dBm for above 1GHz
Audio Output @ <5% Distortion	500mW (at 24 ohm)

## Military Standards

Applicable MIL-STD	810C		810D		810E		810F	
	Method	Proc./Cat.	Method	Proc./Cat.	Method	Proc./Cat.	Method	Proc./Cat.
High Temperature	501.1	I, II	501.2	I/A1, II/A1	501.3	I/A1, II/A1	501.4	I/Hot, II/Hot
Low Temperature	502.1	I	502.2	I/C3, II/C1	502.3	I/C3, II/C1	502.4	I/C3, II/C1
Temperature Shock	503.1	-	503.2	I/A1C3	503.3	I/A1C3	503.4	I
Solar Radiation	505.1	II	505.2	I	505.3	I	505.4	I
Humidity	507.1	II	507.2	II	507.3	II	507.4	-
Salt Fog	509.1	-	509.2	-	509.3	-	509.4	-
Blowing Dust	510.1	I	510.2	I	510.3	I	510.4	I
Vibration	514.2	VIII/F, Curve-W	514.3	I/10, II/3	514.4	I/10, II/3	514.5	I/24

\*Up to 16 hours talk time when using high capacity Lithium Ion batteries.

\*\*Availability subject to country's laws and regulations. Radios meet applicable regulatory requirements. All specifications subject to change without notice. Specifications are not representative of all radios and may vary in different radios.



**MOTOROLA**

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Stringent Motorola Accelerated Life Testing simulating five years of hard use in real life. (EIA RS-716) in Shock, Vibration, Dust, Humidity, IP54 for Sealing.



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



Stamp of Approval from the U.S. Military for use in rough environments.



To ensure compliance with RF energy exposure standards and regulations, use only Motorola-approved batteries and accessories. Use of non-Motorola-approved batteries and accessories may result in RF energy exposure standards being exceeded.