

Commercial Portable Two-Way Radio for Education



Principals
Teachers
Nurses
Crossing Guards
Coaching Staff
Administrators
Cafeteria Workers
Hall Monitors
Custodians
Security



CP185™

***Enhanced functionality,
dependable communication***

Administrators, educators and staff have to work as a team to maintain order and safety. Dependable, on-the-go voice communication across the entire school grounds is essential. It's yours in the compact, lightweight, easy-to-use CP185—a robust, high-quality solution for education that helps enable better coordination of school activities and a fast response to any situation.

Instant communication in education means:

- Seamless control on school grounds
- Quick coordination and response to emergencies
- Enhanced safety and security
- Reduced operational costs with increased staff efficiency
- Improved assembly and sporting event coordination
- Immediate school grounds updates
- Improved response time

Commercial Portable Two-Way Radio

Education Challenges	Two-Way Radio Solutions
Coordination of school activities.	From teachers to security to administration, CP185 radios enable school staff to easily communicate with one another to more effectively manage assemblies, sporting events and other school activities.
Ensuring safety and security.	Teachers, bus drivers, crossing guards, and coaches can take immediate action when disturbances or emergencies occur.
Growing focus on incident prevention.	School security can respond quickly to potentially dangerous or suspicious situations and efficiently monitor cross walks near school grounds.
Improving employee effectiveness.	School staff can manage school bus loading and unloading, large assemblies, cafeterias, and sporting events with ease.



HMN9013

CP185™ Accessories

Lightweight headset (HMN9013)—provides high clarity, hands-free communication in moderate noise environments common in schools.



PMLN4445

Ultra Lightweight headset (Mag One™) (PMLN4445)—lightest-weight headset option that provides a convenient and cost-effective communication solution.

Windporting Remote Speaker Microphone with 3.5 mm audio jack (PMMN4013) and Receive-Only Earpiece with Translucent Tube (RLN4941)—reduces background noise in windy conditions common at outdoor sporting events. A quick disconnect, receive-only earpiece works with the RSM to enable more discrete communications.



RLN4941

Standard Lilon battery, 1500 mAh min, (PMNN4081)—a slim, lightweight battery that provides up to 11 hours of battery life at high power between charges.



PMNN4081

NiMH battery, 1300 mAh (PMNN4082)—provides up to 10 hours of battery life at high power between charges.

Key Radio Features

Increased privacy—built-in simple voice scrambling for security.

VOX ready for hands-free communication—users can focus on the job at hand.

Quick access to programmable features—5 programmable buttons enable easy, one-touch access to up to 10 user-selected features.

Multi-channel capability—16 channels support communication among all your employees.

Long battery life—the standard Lilon battery provides up to 11 hours (5/5/90 duty cycle) of battery life at high power to meet the demands of employee work shifts. Or choose a optional high-capacity battery for even more runtime. Charge radios in less than 3 hours with the included charger.

High power—5 watt (VHF) / 4 watt (UHF)—adjustable power levels help extend battery life.

Lightweight, compact design—makes the radio easy to use and handle.

Crisp, clear audio—X-Pand™ technology and enhanced rejection of interference help ensure you get your message through clearly.

Pipo Communications

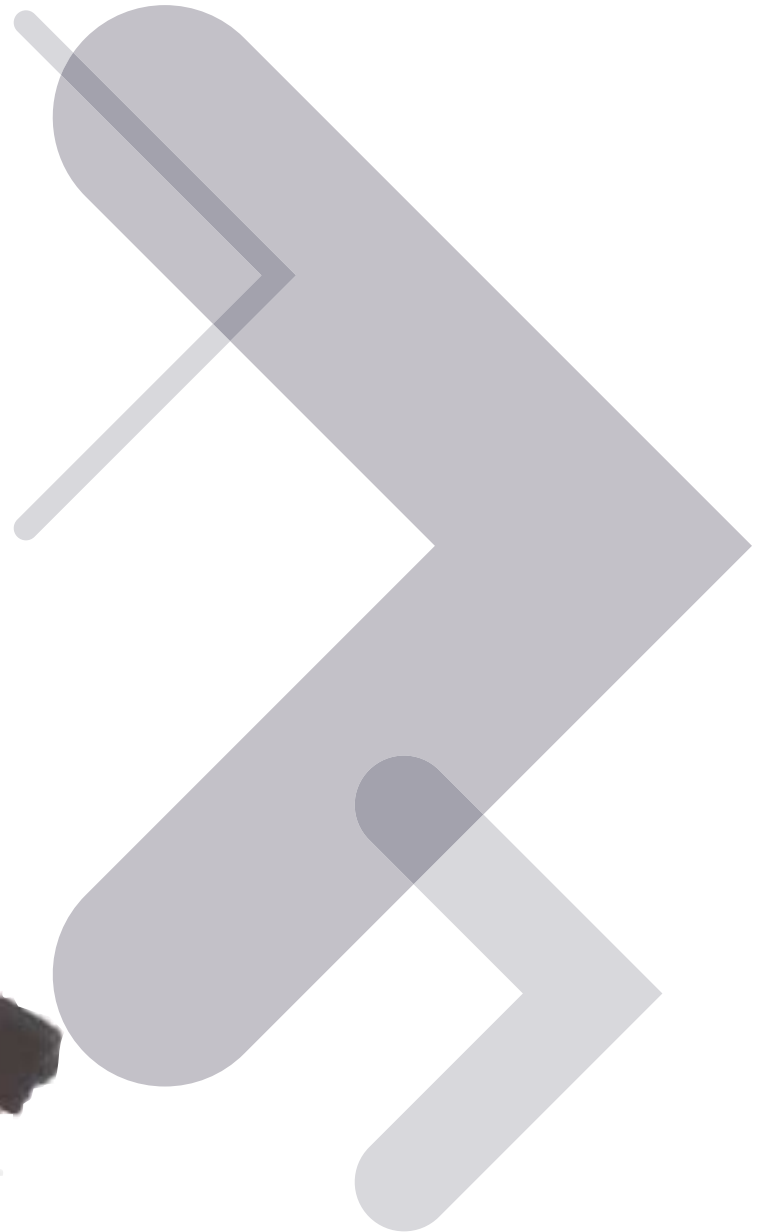
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Accessories and Batteries for the Commercial Portable Two-Way Radios

Motorola CP185™



Enhanced functionality, reliable communication— for higher levels of productivity

The newest CP185 commercial portable radios deliver the quality features you need at a competitive price. A lightweight, compact design makes the radio comfortable and easy to carry, even when working long shifts. Tighter specifications that provide enhanced rejection of interference, ensure your message gets through clearly. Built-in simple voice scrambling provides increased privacy and helps ensure the message only goes to those users that need to hear it. These radios operate both with a repeater and in talkaround mode ensuring you are able to communicate whether you require wide area or on-site communications.

With its extensive feature set, ergonomic shape for comfortable use plus voice privacy in a durable, lightweight, compact design, you get just what it takes to enhance communication while increasing efficiency and productivity.



CP185

The CP185 portables offer a wide range of Motorola Original® audio, energy and carrying accessories to personalize a radio solution specific to your needs.

These radios also support Mag One™ audio accessories, which provide an affordable option for light duty radio users.



Manufacturing: In light manufacturing environments, users want to keep their ears unobstructed to hear ambient sounds and conversations. A lightweight temple transducer uses bone conduction technology to allow you to both hear the radio conversations along with the conversations nearby.



Hospitality: Whether coordinating staff for a conference or making a room change for a last-minute guest, communication needs are frequent and shifts can be long. The high-capacity Li-Ion battery ensures your battery meets your demanding communication requirements.



Construction: Construction workers often work in demanding environments. The Submersible (IP57) Remote Speaker Microphone allows a user to communicate quickly and easily, even when wearing gloves in these rugged environments.



Education: It is imperative that educators and administrators are able to communicate discreetly and that your hands are free to manage the tasks at hand. A lightweight headset helps make it comfortable and convenient to manage administration duties and contact colleagues discreetly.

Remote Speaker Microphones

Windporting Remote Speaker Microphones

The windporting feature dramatically lessens background noise caused by high winds and other severe weather conditions. Audio can pass through the speaker grill even when the microphone port is blocked by water ensuring a user's confidence of clear communications.

PMMN4013: Remote Speaker Microphone with 3.5mm audio jack, IP54

PMMN4029: Remote Speaker Microphone, Submersible (IP57)

Mag One Remote Speaker Microphone

A cost-effective compactly designed microphone for comfortable and easy communications.

PMMN4008: Remote Speaker Microphone (Mag One)



Remote Speaker Microphone Accessories

These accessories allow users to receive audio discreetly when wearing the PMMN4013 Remote Speaker Microphone.

AARLN4885: Receive-Only Covered Earbud with Coiled Cord

RLN4941: Receive-Only Earpiece with Translucent Tube and Rubber Eartip

WADN4190: Receive-Only Flexible Earpiece

PMLN4620: Receive-Only D-Shell Earpiece



Headsets

Lightweight Headset

Provides high-clarity, hands-free two-way communication, while maintaining the comfort necessary for extended wear in moderate noise environments.

HMN9013: Lightweight Headset, Over-the-head, Adjustable, Single-Muff with Swivel Boom Microphone and In-line PTT

Lightweight Temple Transducer

The headset uses bone conduction to allow users to receive audio without covering the ear. An ideal solution when it is critical to hear external noises, such as machinery, fire alarms, the intercom or traffic along with your radio conversations.

PMLN5003: Lightweight Temple Transducer with In-line PTT and Microphone

Mag One Lightweight Headset

A simple ultra-lightweight headset with a soft rubber earmuff that provides the comfort and stability needed for extended wear. VOX capability enables true hands-free communication.

PMLN4445: Ultra-Lightweight Headset, Over-the-Head, Adjustable, Single-Muff with Boom Microphone and In-line PTT/VOX switch





Earpieces

D-Style Earpiece

D-style earpieces are lightweight and flexible to ensure a comfortable fit while providing an elegant, sleek and professional appearance.

PMLN5001: *D-Style Earpiece with In-line Microphone and PTT*



Mag One Earpieces

Simple in function, yet big in value, these earpieces enable you to discreetly receive and transmit messages. VOX capability allows you to operate in complete hands-free mode without having to access the PTT.

PMLN4442: *Earbud with In-line Microphone and PTT/VOX switch (Mag One)*



PMLN4443: *Ear Receiver with In-line Microphone and PTT/VOX switch (Mag One)*



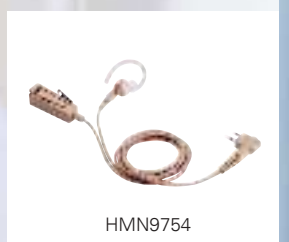
PMLN4444: *Earset with Boom Microphone and In-line PTT/VOX switch (Mag One)*



Surveillance Accessories

Messages are received discreetly through the earpiece – ideal when operating the radio covertly or in a professional setting. The 2-wire surveillance kit has a combined PTT and Microphone.

HMN9754: *2-Wire Surveillance Kit, Beige*



Quick Disconnect Noise Kits

Noise kits provide extra comfort and/or noise protection when wearing surveillance accessories. Lightweight, translucent tube attaches to the surveillance kit and includes a quick disconnect adapter, which allows you to easily remove or alternate acoustic tubes. Clothing clip prevents accessory from being pulled from the ear due to body movements.

RLN6232: *Low Noise Kit, Includes Rubber Tip with Acoustic Tube, Black*



RLN6241: *Low Noise Kit, Includes Rubber Tip with Acoustic Tube, Beige*

RLN6230: *Extreme Noise Kit, Includes Foam Earplugs with Acoustic Tube, Black*



RLN6231: *Extreme Noise Kit, Includes Foam Earplugs with Acoustic Tube, Beige*

Batteries

Motorola Original® batteries are designed to stand up to your demanding work environment and provide reliable power that you can count on. The standard 1500 mAh Li-Ion battery provides up to 11 hours (5/5/90 duty cycle) between charges at high power, while the high capacity 2150 Li-Ion battery provides up to 16 hours (5/5/90 duty cycle) at high power to support your long shift or increased communication needs.

PMNN4081: Battery, Li-Ion 1500 mAh min, 1700 mAh typ

PMNN4080: Battery, Li-Ion 2150 mAh min, 2250 mAh typ

PMNN4082: Battery, NiMH 1300 mAh min, 1400 mAh typ



Rapid Rate Chargers

Tri-chemistry chargers that will charge the standard capacity batteries in less than 3 hours, ensuring your batteries will be ready to go when you need them.

PMLN5398: Single Unit Rapid Charger Kit, 110V (includes PMLN5228 and EPNN9288)

PMLN5228: Single Unit Charger Base

EPNN9288: Switchmode Power Supply, 110V with US plug



Carrying Accessories

Soft-leather cases are a cost-effective and sturdy solution for users that need additional protection for the radio while working in rugged conditions. Designed to fit the radio securely and not compromise the audio coming out of the radio.

PMLN5334*: Soft Leather Carry Case with D-rings, Limited Keypad Model

HLN9844: Spring Action Belt Clip (for 1.5" belt width)

**requires belt clip or carrying strap*



Antennas

Flexible Whip Antennas

Designed with a one-piece finish and steel core for optimal radiation characteristics. The flexible design provides more comfort when the radio is worn on the belt.

VHF

NAD6579: Whip, 148-161MHz (19 cm)

UHF

NAE6483: Whip, 403-520 MHz (16.5 cm)

Heliflex Antennas

Engineered for maximum output and greatest communication coverage.

VHF

HAD9338: Heliflex, 136-150.8 MHz (15.5 cm)

NAD6502: Heliflex, 136-174 MHz (15 cm)

Stubby Antennas

A shorter antenna designed to be non-obtrusive. Most comfortable solution when wearing the radio on your belt.

VHF

PMAD4012: Stubby, 136-155 MHz (9 cm)

PMAD4013: Stubby, 155-174 MHz (9 cm)

UHF

PMAE4003: Stubby, 430 - 470 MHz (9 cm)

PMAE4006: Stubby, 465-495 MHz (9 cm)





Why Motorola

With over 75 years of working in the two-way radio business, Motorola is a solutions provider that understands your specific customer needs. All Motorola Original® accessories are built to the highest standards of quality and are specially engineered to complement your radio's performance. We've been doing it for over 75 years and we'll be standing by our customers for years to come.

So make certain you're optimizing your radio's capabilities and performance with the accessories that complement it best.

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