



# *Accessories and Batteries for the Commercial Portable Two-Way Radios*

Motorola CP1660, CP1600, CP1300, CP477 and CP476



## Enhanced functionality, reliable communication— for higher levels of productivity

The newest CP1660, CP1600, CP1300, CP477 and CP476 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.



CP1300/CP477/CP476

CP1600

CP1660

The CP1660, CP1600, CP1300, CP477 and CP476 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 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, 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 for when it is critical to hear external noises, such as machinery, equipment, 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*



PMLN5001

## 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)*



PMLN4442

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



PMLN4443

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



PMLN4444

## 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*



HMN9754

## 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*



RLN6232

**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.

**PMLN5406:** Single Unit Rapid Charger, 110V with US cord

**PMLN5396:** Single Unit Rapid Charger, 230V with Euro cord

**PMLN5394:** Single Unit Rapid Charger, 230V with UK cord

**PMLN5400:** Single Unit Rapid Charger, 230V with China cord

**PMLN5393:** Single Unit Rapid Charger, 230V with Korea cord

**PMLN5395:** Single Unit Rapid Charger, 240V with ANZ cord, SMPS

**PMLN5397:** Single Unit Rapid Charger, 230V with Euro cord, SMPS



## 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.

**PMLN5333\*:** Soft Leather Carry Case, Full Keypad Model

**PMLN5334\*:** Soft Leather Carry Case, 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

**PMAD4014:** VHF Whip, 136-155MHz (14 cm)

**PMAD4015:** VHF Whip, 155-174MHz (14 cm)

**NAD6579:** VHF Whip, 148-161MHz

UHF

**PMAE4016:** UHF Whip, 403-520 MHz (16.5 cm)

**PMAE4008:** UHF Whip, 470-530 MHz (13 cm)

**PMAE4014:** UHF Whip, 403-425MHz (19 cm)

## Heliflex Antennas

Engineered for maximum output and greatest communication coverage.

VHF

**HAD9338:** VHF Heliflex, 136-162 MHz (15.5 cm)

**PMAD4049:** VHF Heliflex, 146-174 MHz (14 cm)

## Stubby Antennas

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

VHF

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

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

**HAD9742:** VHF Stubby, 146-162 MHz (9 cm)

**HAD9743:** VHF Stubby, 162-174 MHz (9 cm)

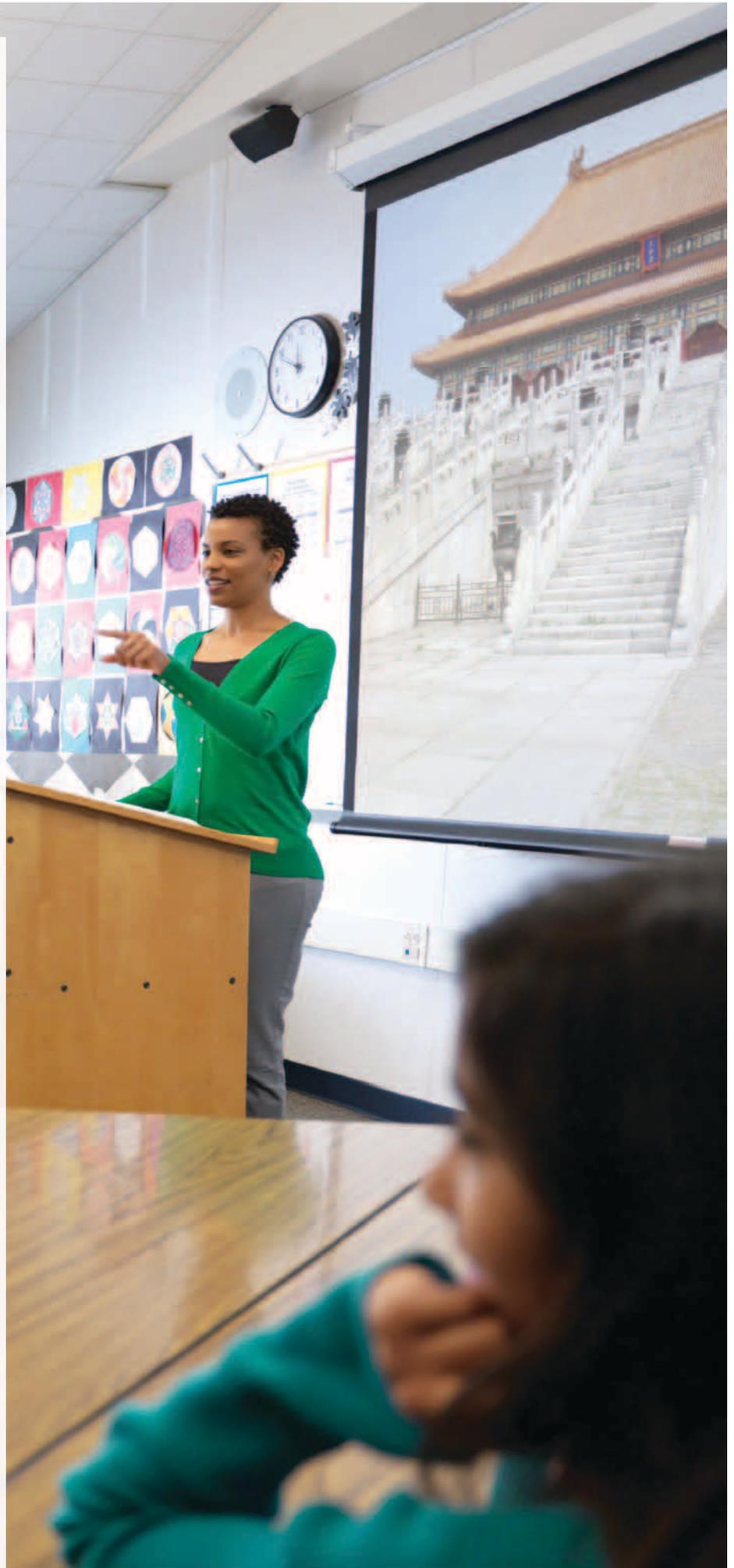
UHF

**PMAE4002:** UHF Stubby, 403-433 MHz (9 cm)

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

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

**PMAE4007:** UHF Stubby, 490-527MHz (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.



**MOTOROLA**

[www.motorola.com](http://www.motorola.com)



**Nothing Works  
Like A Motorola  
Original Accessory**

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.

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