

## Portable Radios: CP1200/300/1600/1660

### Antennas

Injection molded for rugged environments. Each antenna is tested and tuned to give maximum power and performance.

### Flexible Whip Antennas

Flexible whip antennas have a one-piece finish and steel core for optimal radiation characteristics. Provides more comfort when radio is worn on the belt.

PMAE4016	UHF Whip Antenna 403 - 520 MHz
PMAE4008	UHF Whip Antenna 470 - 530 MHz
PMAE4014	UHF Whip Antenna, 403-425 MHz 19cm

### Helical Antennas

Helical antennas are sturdy and dependable for years of fail-safe communication. Each antenna is designed and built to quality standards. The skirt at the base of the connector helps to seal out damaging elements. Connector is made of plated brass material for long life.

NAD6579	VHF Helical Antenna 148 - 161MHz
PMAD4014	VHF 14cm Antenna 136 - 155 MHz
PMAD4015	VHF 14cm Antenna 155 - 174 MHz
PMAE4002	UHF 9cm Helical Antenna 403 - 433 MHz
PMAE4003	UHF 9cm Helical Antenna 430 - 470 MHz
PMAE4006	UHF 9cm Helical Antenna 465 - 495 MHz
PMAE4007	UHF 9cm Antenna 490 - 527 MHz
PMAD4049	VHF Heliflex Antenna 146 - 174 MHz E
PMAD4009	9cm Helical Antenna 336 - 368 MHz
PMAD4020	9cm Helical Antenna 370 - 400 MHz
HAD9338	VHF Heliflex Antenna, 136 - 162 MHz

### Stubby Antennas

This stubby quarterwave antenna is ideal when radio is worn on the belt because the short antenna is non-obtrusive.

HAD9742	VHF Stubby Antenna, 146 - 174 MHz
HAD9743	VHF Stubby Antenna, 162 - 174 MHz
PMAD4012	VHF Stubby Antenna 136-155 MHz
PMAD4013	VHF Stubby Antenna 155-174 MHz

## **Portable Radios: CP1200/300/1600/1660**

### **Audio Accessories**

Motorola's range of audio accessories integrates perfectly with Motorola radio to provide a personalised two-way radio solution. Built with the highest quality standards, Motorola accessories are specially engineered to assure maximum performance of your radio. Designed as a complete solution, our extensive range of audio accessories from remote speaker microphones, headsets to surveillance kits will provide you the flexibility for hands-free operations to enhance your work productivity.

### **Speaker Microphone**

Remote Speaker Microphone provides greater operational flexibility to transmit and receive message without removing the radio from the belt or carrying case.

### **Remote Speaker Microphone**

- PMMN4013 Remote Speaker Microphone with 3.5 mm Audio Jack.
- PMMN4008 Remote Speaker Microphone (MAG ONE)
- PMMN4029 Remote Speaker Microphone without Audio Jack (IP57) Dual Pin

### **Optional Remote Speaker Microphone Accessory**

- AARLN4885 Receive Only Earpiece with 3.5mm
- PMLN4620 D-SHELL Receive Only Ear Receiver with 3.5mm plug
- RLN4941 Receive Only Earpiece with 3.5mm transparent tube and rubber eartip
- WADN4190 Receive Only Flexible Earpiece

### **Standard Earpiece/Earset**

Cost effective standard earpiece that enhances user productivity by allowing the user to use the radio without removing it from the carrying case. These accessories can also be used with remote speaker and public safety microphone to provide private listening feature.

### **Flexible Ear Receiver**

- PMLN4443 Ear Receiver with In-Line Mic/PTT/VOX switch (MAG ONE)

### **Earbud Style Earpiece**

- PMLN4442 Earbud with In-Line Mic/PTT/VOX switch (MAG ONE)

**Earset**

PMLN4444 Earset with Boom Mic and In-Line PTT/VOX switch (MAG ONE)

**D-Hook Earset with Flexible microphone tube**

PMLN5001 D-style earset with combined microphone/in-line PTT (Dual pin)

**Surveillance Kits**

Surveillance kits are unobtrusively designed, making them the ideal audio accessories for effective communication in covert operations.

**Covert Surveillance Kits**

Surveillance earpiece can be easily concealed and camouflaged to allow discrete communications. Surveillance kits also come with microphone and PTT. The earpiece is designed to allow user to use optional accessories to enhance its operational capability.

HMN9754 2-Wired Surveillance Earpiece with combined Mic/PTT Beige (Dual pin)

**Surveillance Kit Accessories**

5080369E38 Standard Earpiece Assembly (Earphone, Ear-loop, Eartip), Beige  
5080369E39 Extra Loud Earpiece Assembly (Earphone, Ear-Loop, Eartip), Beige  
5080369E40 Plastic Urethane Earloop  
5080370E97 Eartip Standard Clear

**Noise Kit**

Lightweight translucent tube attaches to Motorola surveillance accessories. Clothing clip prevents the accessory from being pulled from the ear due to body movement or head rotation.

5080384F72 Replacement Foam Plugs; pack of 50  
RLN6242 Quick Disconnect Acoustic Tube Replacement  
RLN6231 Extreme Noise Kit. Includes 2 Foam Ear Plugs for Noisy Environments and provides 24dB of Noise Reduction. (Beige)  
RLN6230 Extreme Noise Kit. Includes 2 Foam Ear Plugs for Noisy Environments and provides 24dB of Noise Reduction. (Black)  
RLN6241 Low Noise Kit. Includes Rubber Ear Tip for Low Noise Environments. (Beige)  
RLN6232 Low Noise Kit. Includes Rubber Ear Tip for Low Noise Environments. (Black)

### **Clear Comfortable Earpieces**

The Clear Comfortable Earpiece forms to the inside of the ear and is perfect for low noise environments. It's made of easy-to-clean, chemically-inert, hypo-allergenic material. Compatible with RLN6232A and all Noise and Surveillance Kits.

RLN4760	Small Custom Earpiece - Right Ear
RLN4761	Medium Custom Earpiece - Right Ear
RLN4762	Large Custom Earpiece - Right Ear
RLN4763	Small Custom Earpiece - Left Ear
RLN4764	Medium Custom Earpiece - Left Ear
RLN4765	Large Custom Earpiece - Left Ear

### **Headset**

Headsets allow high clarity, hands free, discrete two-way communications and thus are great productivity tools. Users can choose from Medium Weight Headsets to Heavy Duty Headsets with noise reducing ratings.

### **Light Weight Headset**

Light weight headsets allow high-clarity, hands-free, two-way communications while adding comfort for extended wear in moderate noise environments. Suitable for entertainment, retail, sport and leisure industries.

HMN9013	Light Weight Headset with Swivel Boom Microphone (without VOX) (Requires adaptor HLN9716)
PMLN4445	Ultra-Light Headset with Boom Mic And In-Line PTT/VOX Switch (MAG ONE)
PMLN5003	Retail Temple Transducer Headset (Dual Pin)

**Portable Radios: CP1200/300/1600/1660****Batteries**

Motorola Original batteries are available in a variety of chemistries and capacities, designed to work hand in hand with your 2-way radios to ensure optimised performance and safety for your business.

**Nickel Metal Hydride (NiMH)**

PMNN4082 NiMH 1400MAH typ, 1300MAH min, battery (w/o belt clip)

**Lithium Ion (LiIon)**

PMNN4081 LiIon 1700MAH typ, 1500MAH min, battery (w/o belt clip)

PMNN4080 LiIon 2250MAH typ, 2150MAH min, battery (w/o belt clip)

**Portable Radios: CP1200/300/1600/1660****Carrying Accessories**

Hard leather, soft leather and nylon carry cases secure and protect radio.

**Carry Cases**

PMLN5333 Soft Leather Carry Case, Full Keypad Model  
PMLN5334 Soft Leather Carry Case, Limited Keypad Model

**Belt Clips**

HLN9844 Spring Belt Clip (For 1.5" Belt Width)

**Portable Radios: CP1200/300/1600/1660****Chargers/Vehicular Accessories**

Designed to work as a total system with the 2-way radio and the battery, Motorola original chargers keep your battery in tip-top condition and maximise battery life.

**Single Unit Trichemistry Chargers, Rapid Rate**

Trichemistry chargers support NiCd, NiMH and LiIon batteries rapid charging.

PMLN5396	Single Unit Rapid Charger, 230V with Euro cord
PMLN5394	Single Unit Rapid Charger, 230V with UK cord
PMLN5406	Single Unit Rapid Charger, 230V with US cord
PMLN5400	Single Unit Rapid Charger, 230V with China cord
PMLN5393	Single Unit Rapid Charger, 230V with SMPS Korea cord
PMLN5395	Single Unit Rapid Charger, 230V with SMPS Euro cord