

# PROFESSIONAL SERIES ACCESSORIES AND BATTERIES



PR860, HT, MTX AND CDM SERIES TWO-WAY RADIOS



**PROFESSIONAL SERIES : ACCESSORIES**

PR860, HT AND MTX SERIES PORTABLES  
CDM SERIES MOBILES

# RADIOS AS TOUGH AS YOU ARE.

**PR860 PORTABLE**

The Motorola PR860 Professional Series two-way radio offers rugged design in a surprisingly lightweight package. It's ergonomic design handles easily, with bigger knobs and controls that can be operated even when wearing heavy gloves.

**HT SERIES PORTABLES**

Motorola HT Series Professional portable radios are the right choice for users with advanced communication needs. The HT Series is composed of four robust radios tailored to meet the requirements of almost any organization. They offer unrivaled, crystal-clear audio quality even in noisy surroundings, thanks to Motorola's X-Pand™ voice feature. In addition, they have all passed Motorola's grueling Accelerated Life Test which simulates five years of hard use in the field.

**MTX SERIES PORTABLES**

Intelligent radios so advanced, they practically think for you. MTX Series portable two-way radios are the smart choice for your business—delivering everything you need for optimal business communication. Designed to operate on Motorola's Privacy Plus™ or LTR® trunking systems, these radios can enhance your interactive resources by providing a wider calling range, faster channel access, greater privacy and higher user and talkgroup capacity.

**CDM SERIES MOBILES**

The CDM Series of mobile radios offer users a compact, ergonomic design with optimal mounting flexibility. These robust mobile radios are tailored to meet the requirements of almost any organization, offering crisp, clean audio even in noisy locations or vehicles, thanks to Motorola's X-Pand™ voice feature and a large front-projecting speaker. Telephone/paging capabilities and Motorola's precision-controlled MDC signaling features boost effectiveness by providing a wide range of calling options. In addition, customizable buttons can be programmed for quick access to favorite features.

**PM1200 MOBILE**

The PM1200 is an affordable high power, lowband radio for public works, utilities and transportation professionals. This mobile radio offers a full range of easy-to-use features including Emergency Alerts, Scanning, Quik-Call II and DTMF signaling.



- PR860
- HT750™
- HT1250™
- HT1250-LS+™
- HT1550-XLS™
- MTX850™
- MTX8250™
- MTX8250-LS™
- MTX850-LS™
- MTX950™
- MTX9250™
- CDM750™
- CDM1250™
- CDM1550™
- CDM1550-LS+™
- PM1200



A worker in a blue uniform and cap is walking past large industrial tanks in a factory setting. The tanks are made of stainless steel and have a perforated section. The worker is wearing a dark cap and a blue jacket. The background shows a clear blue sky and more industrial equipment.

# **YOUR RADIO IS ONLY AS GOOD AS THE ACCESSORY OR BATTERY ATTACHED TO IT—MAKE SURE IT'S MOTOROLA.**

Every Motorola accessory is designed, built and rigorously tested to the same quality standards as Motorola radios. Enhance your two-way radio capabilities with high performance Motorola Original<sup>®</sup> accessories, to ensure your radio is ready to do its job time after time.

# PUT ADVANCED CAPABILITIES IN THE PALM OF YOUR HAND.

Finally, microphones as tough as you are. These microphones offer the following exciting features\*

- Windporting feature dramatically lessens noise caused by high winds and other severe weather conditions. The same technology prevents water from clogging the microphone port and distorting transmit audio, ensuring a user's confidence of clear communication.
- When a user speaks directly into a noise-canceling remote speaker microphone, the noise-canceling acoustics utilize a directional microphone that is designed to eliminate ambient noise—ideal for outdoor communication.
- IP57 submersibility ratings on the microphone head provide reliable communications even in wet conditions.
- Audio jack on the head of the microphone enables user to receive discreet audio communication with an additional earpiece accessory.
- A volume toggle switch enables the user to adjust the radio volume without having to access the radio.

## REMOTE SPEAKER MICROPHONES—RSM

PMMN4021 <sup>1</sup>	Windporting Remote Speaker Microphone with 3.5mm audio jack, IP54
PMMN4027 <sup>1</sup>	Windporting Remote Speaker Microphone, IP57
PMMN4039 <sup>1</sup>	Noise-Canceling Remote Speaker Microphone with 3.5mm audio jack, IP54
PMMN4044 <sup>1</sup>	Windporting Remote Speaker Microphone with High/Low volume control, IP57

## RSM REPLACEMENT CABLES

3015829H01	Replacement Cable for PMMN4021
3015829H02	Replacement Cable for PMMN4027
3071504L01	Replacement Cable for PMMN4044



PMMN4021  
Remote Speaker  
Microphone  
with 3.5mm  
audio jack



PMMN4027  
Windporting Remote Speaker  
Microphone, IP57



PMMN4039  
Noise-Canceling Remote  
Speaker Microphone with  
3.5mm audio jack, IP54



PMMN4044  
Windporting Remote Speaker  
Microphone with High/Low  
volume control, IP57

\*Not all features available on all microphones.





RMN5035  
 UHF Public Safety  
 Microphone

**PUBLIC SAFETY MICROPHONES-PSM**

Feature a straight cord assembly, 3.5mm earjack, swivel clip, quick disconnect latch, antenna connector and receive audio high/low toggle switch.

- RMN5035<sup>1</sup> UHF Public Safety Microphone with 30 Inch Cord. Includes 450-470 MHz antenna.
- RMN5036<sup>1</sup> VHF Public Safety Microphone with 30 Inch Cord. Includes 148-174 MHz antenna.
- RMN5075<sup>1</sup> UHF Public Safety Microphone with 24 Inch Cord. Includes 450-470 MHz antenna.
- RMN5076<sup>1</sup> VHF Public Safety Microphone with 24 Inch Cord. Includes 148-174 MHz antenna.

**RSM AND PSM ACCESSORIES**

These accessories allow users to receive audio discreetly. Any of the microphones that have a 3.5mm audio jack are compatible with the following earpieces.

- AARLN4885<sup>1</sup> Receive-Only Covered Earbud with Coiled Cord.
- PMLN4620<sup>1</sup> D-Style Earpiece with 3.5mm Plug. Receive only.
- RLN4941<sup>1</sup> Receive-Only Earpiece with Translucent Tube and Rubber Eartip
- WADN4190<sup>1</sup> Receive-Only Flexible Earpiece

**RECEIVE-ONLY HEADSETS**

These headsets are the right choice for high-noise environments where users must hear information clearly, but seldom need to transmit. Dual-Muff headsets feature easily replaceable earseals filled with a liquid and foam combination to provide excellent protection from outside noise as well as comfort. For use with RSMs or PSMs that have a 3.5mm audio jack (PMMN4039, RMN5035, RMN5036, RMN5075, RMN5076 and PMMN4021).

- RMN4054 Hardhat Mount Style Headset. Mounts easily to hardhats with slots (not included). Noise Reduction = 22dB.
- RMN4055 Headband Style Headset. Noise Reduction = 24dB.



RMN4055  
 Headband Style Headset

**Remote and Public Safety Microphones**

Features such as windporting, noise-canceling acoustics and submersibility help busy professionals communicate more clearly in tough conditions.



AARLN4885  
 Receive-Only Covered Earbud



PMLN4620  
 D-Style Earpiece



RLN4941  
 Receive-Only  
 Earpiece



WADN4190  
 Receive-Only  
 Flexible  
 Earpiece

<sup>1</sup>Intrinsically Safe: Motorola approved accessories are a critical part of the specific radio and accessory system certified by a recognized testing organization as intrinsically safe. Non-Motorola approved accessories are not certified as part of the overall Motorola portable radio system. Use of non-Motorola approved accessories could result in equipment that is unapproved or unsafe in a hazardous environment.

## PROFESSIONAL SERIES : ACCESSORIES

PR860, HT AND MTX SERIES PORTABLES

### SURVEILLANCE KITS

Surveillance accessories allow the radio user to privately receive messages with the earpiece. They are ideal when environments require discreet communication.

1 - WIRE SURVEILLANCE KITS	
AARMN4021 <sup>1</sup>	Receive-Only Earpiece. Beige.
AARMN4028 <sup>1</sup>	Receive-Only Earpiece. Black.
2 - WIRE SURVEILLANCE KITS	
AARMN4022 <sup>1</sup>	Earpiece with Microphone and Push-to-Talk Combined. Beige.
AARMN4029 <sup>1</sup>	Earpiece with Microphone and Push-to-Talk Combined. Black.
RLN5315	Earpiece with Microphone and Push-to-Talk Combined. Black.
RLN5316	Earpiece with Translucent Tube, Rubber Eartip, Microphone and Push-to-Talk Combined. Beige.
5080370E97	Standard Rubber Eartips, Clear. Pack of 25.
3 - WIRE SURVEILLANCE KITS	
ENMN4017 <sup>1</sup>	Earpiece with Microphone and Push-to-Talk Separate. Beige.
ENMN4014 <sup>1</sup>	Earpiece with Microphone and Push-to-Talk Separate. Black.

### QUICK DISCONNECT NOISE KITS

Extreme Noise Kits provide extra comfort and/or noise protection for users wearing surveillance accessories. Lightweight, translucent tube attaches to Motorola surveillance accessories to provide flexibility and comfort, which now includes a new quick disconnect adapter. The Quick Disconnect Adapter allows users, especially those in multiple shift operations, to easily remove or alternate acoustic tubes. Clothing clip prevents accessory from being pulled from the ear due to body movement or head rotation. For optimal performance, Extra Loud Earphones are recommended.

RLN6230	Extreme Noise Kit. Includes 2 foam earplugs. For high-noise environments. Noise reduction = 24dB. Can be used with Clear Comfortable Earpieces. Black.
RLN6231	Extreme Noise Kit. Includes 2 foam earplugs. For high-noise environments. Noise reduction = 24dB. Can be used with Clear Comfortable Earpieces. Beige.
RLN6232	Low Noise Kit—Clear Acoustic Tube Assembly. Includes 1 clear rubber eartip. For low-noise environments, does not provide hearing protection. Black.
RLN6241	Low Noise Kit—Clear Acoustic Tube Assembly. Includes 1 clear rubber eartip. For low-noise environments, does not provide hearing protection. Beige.
5080369E39 <sup>2</sup>	Extra Loud Earphone. Beige.
5080370E91 <sup>2</sup>	Extra Loud Earphone. Black.

### REPLACEMENT ACCESSORIES

RLN6242	Quick Disconnect Acoustic Tube Replacement
5080384F72	Replacement Foam Plugs. Noise reduction = 24dB. Pack of 50. For RLN6230A and RLN6231A.
5080370E97	Replacement Standard Clear Rubber Eartips. Pack of 25. For use with RLN6232A and RLN6241A.

### 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 all Noise and Surveillance Kits.

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

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<sup>2</sup>Extra loud earphone (exceeds OSHA limits).

AARMN4029  
Earpiece with Microphone and  
Push-to-Talk Combined



RLN6230  
Extreme  
Noise Kit



RLN6241  
Low Noise Kit



Clear  
Comfortable  
Earpieces







**COMPLETELY DISCREET EARPIECE**

Enables users to communicate with ease, in full privacy, without visible equipment. This miniaturized receiver is discreetly hidden in the ear, where it can be worn comfortably for long periods of time. Small as it is, it offers a full range of audio functions including automatic squelch, automatic gain control and noise filtering. Average battery life is approximately 100 hours and includes an end-of-life warning signal when the battery needs to be changed. Kit includes wireless receiver, inductive neckloop, 6 spare batteries and 5 spare earguards. For use with any standard 2 or 3-Wire Motorola Surveillance Kit.

- RLN4922 Completely Discreet Earpiece Kit
- RLN4919 Replacement Earguards. 5 per pack.
- RLN4005 Replacement 1.4 Volt Batteries 6 per pack.



RLN4922  
 Completely  
 Discreet  
 Earpiece  
 Kit

**FLEXIBLE EAR RECEIVER**

This receive-only earpiece contains a flexible earloop and speaker which rests external to the ear. It plugs directly into adapter or the earjack on speaker microphones.

- ENMN4013<sup>1</sup> Flexible Ear Receiver
- 7580372E11 Replacement Foam Ear Cushion
- RNN4005 Replacement 1.4 Volt batteries, 6 per pack



**The Completely Discreet Earpiece is easy to use.**

Simply remove the earpiece from any standard 2 or 3-Wire Motorola Surveillance Kit and plug in the neckloop, which is easily hidden under clothing. Security personnel will be able to wear this tiny receiver comfortably for hours at a time!

ENMN4013  
 Flexible Ear  
 Receiver

## PROFESSIONAL SERIES : ACCESSORIES

PR860, HT AND MTX SERIES PORTABLES

### EAR MICROPHONE SYSTEM—EMS

This compact, lightweight unit picks up sound through bone vibrations in the ear. The miniature earpiece leaves the hands-free and face unobscured, good for rescue and emergency personnel that must retain the ability to help, hear and speak directly to others not on the communication system. EMS may be worn with protective masks without reduction in sound clarity. It's ideal for high-noise environments. Push-to-Talk or Voice-Activated (VOX) Interface Module required, sold separately.

RMN5117 <sup>1</sup>	<b>INTERFACE MODULE</b> Push-to-Talk or Voice Activated Interface Module
BDN6768 <sup>1</sup>	<b>EAR MICROPHONES—FOR RMN5117</b> Ear Microphone. Black. For standard noise levels (up to 95dB).
BDN6769 <sup>1</sup>	Ear Microphone. Beige. For standard noise levels (up to 95dB).
BDN6770 <sup>1</sup>	Ear Microphone. Gray. For high noise levels (up to 105dB).
BDN6677 <sup>1</sup>	<b>EAR MICROPHONES—FOR AARMN4044/AARMN4045</b> Ear Microphone Black. For standard noise levels (up to 95dB).
BDN6678 <sup>1</sup>	Ear Microphone. Beige. For standard noise levels (up to 95dB).
0180358B38 <sup>1</sup>	<b>OPTIONAL ACCESSORIES FOR EMS</b> Remote Push-to-Talk Ring Switch
0180300E83 <sup>1</sup>	Remote Push-to-Talk Body Switch
0180300E25	Earguard with Adjustable Loop
0180358B32	Earholder. Black, small. Secures Ear Microphone in ear.
0180358B33	Earholder. Black, medium. Secures Ear Microphone in ear.
0180358B34	Earholder. Black, large. Secures Ear Microphone in ear.
0180358B35	Earholder. Clear, small. Secures Ear Microphone in ear.
0180358B36	Earholder. Clear, medium. Secures Ear Microphone in ear.
0180358B37	Earholder. Clear, large. Secures Ear Microphone in ear.
4202006A01	Replacement Back Cover Clip
4285838B01	Replacement Collar Clip
4280369E44	Replacement Belt Clip with Screws
5080358B28	Eartips. Black, medium. Pack of 10.
5080358B29	Eartips. Black, large. Pack of 10.
5080358B30	Eartips. Beige, medium. Pack of 10.
5080358B31	Eartips. Beige, large. Pack of 10.
0180305J46	Training CD-ROM For EMS and Temple Transducer.



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**TEMPLE TRANSDUCER**

These headsets utilize temple receivers that convert audio into sound vibration and transmit it to the inner ear. This enhances communication and safety by allowing external sounds, such as machinery and equipment, warning and fire alarms, the intercom, traffic and even casual conversations with co-workers. In high-noise environments it allows the use of earplugs. Both models feature a boom microphone and in-line push-to-talk.

- RMN4048<sup>1</sup> Temple Transducer
- RMN5048<sup>1</sup> Rugged Temple Transducer. Has larger push-to-talk and adjustable over-the-head band that can be used with hardhats.
- 0180305J46 Training CD-ROM. For EMS and Temple Transducer.

**COMMPORT™ INTEGRATED MICROPHONE/RECEIVER SYSTEM**

The CommPort System's advanced, self-adjusting microphone and miniature receiver connect to a two-way radio and make it possible to communicate under the most adverse conditions. A variety of push-to-talk options allow the user to customize the CommPort system.

- NTN1722<sup>1</sup> Integrated Ear Microphone/Receiver System with Push-to-Talk on Radio Adapter. Includes radio adapter AAHLN9717.
- NTN1723<sup>1</sup> Integrated Ear Microphone/Receiver System with Palm Push-to-Talk. Includes radio adapter AAHLN9717.
- NTN1724<sup>1</sup> Integrated Ear Microphone/Receiver System with Ring Push-to-Talk. Includes radio adapter AAHLN9717.
- NTN1737<sup>1</sup> Integrated Ear Microphone/Receiver System with Snap-On-Side Push-to-Talk. Includes radio adapter AAHLN9717.
- NNTN4187<sup>1</sup> Integrated Ear Microphone/Receiver System with Body Push-to-Talk. Includes radio adapter AAHLN9717.
- AAHLN9717<sup>1</sup> Radio Adapter

**COMMPORT REPLACEMENT PARTS**

- NKN6508 Replacement Cable for NTN1722
- NKN6510 Replacement Palm Push-to-Talk Cable for NTN1723
- NKN6512 Replacement Ring Push-to-Talk Cable for NTN1724
- NKN6525 Replacement Snap-on-Side Push-to-Talk Cable for NNTN4187
- NNTN4188 Replacement Body Push-to-Talk Cable for NNTN4187
- NTN8821 CommPort Maintenance Kit. Includes 10 replacement ear tubes, 10 microphone seal strips and 2 windscreens.
- NTN8986 Adhesive Pads. For secure attachment to ear. Pack of 90.
- NTN8988 Ear Straps. For secure attachment to ear. Pack of 10.
- RLN5037 Replacement Ear Tubes. Pack of 10.

**Temple Transducer**

Innovative headset design lets users receive audio without covering the ear.



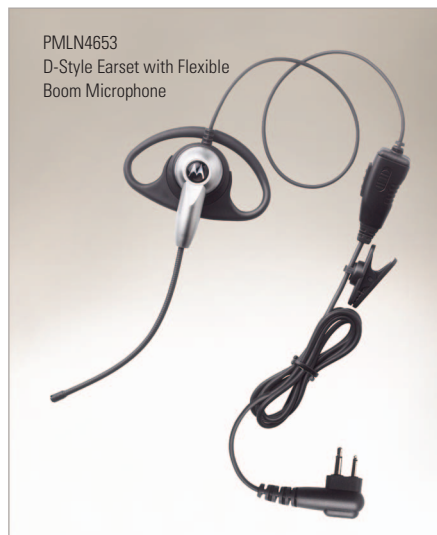
**PROFESSIONAL SERIES : ACCESSORIES**

PR860, HT AND MTX SERIES PORTABLES

**D-STYLE EARSET**

The D-Style Earset is designed to ensure comfort of use while providing an elegant, sleek appearance. This lightweight, comfortable earset can be worn on either ear and allows for hands-free communication with excellent audio clarity through the large speaker. Includes a flexible boom microphone and in-line push-to-talk button with built-in VOX switch for ease of use.

PMLN4653 D-Style Earset with Flexible Boom Microphone, In-line Push-to-Talk, VOX Switch



**LIGHTWEIGHT HEADSETS**

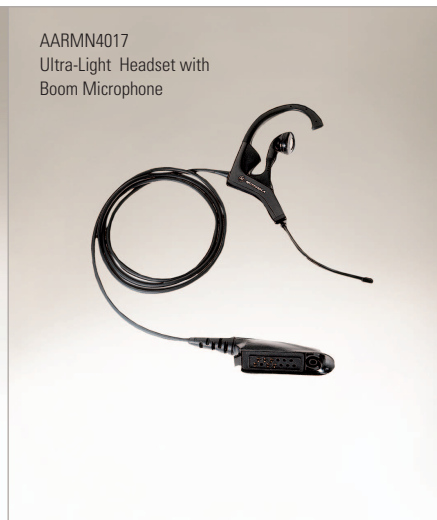
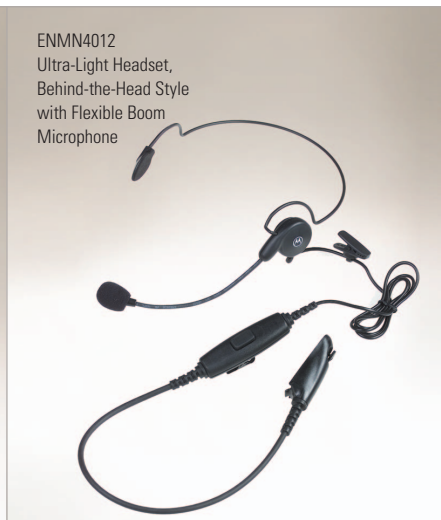
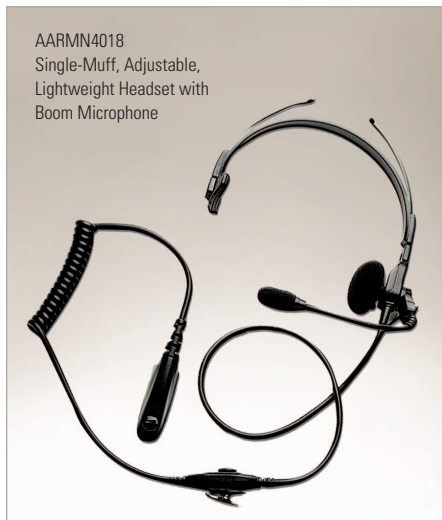
Lightweight headsets provide high-clarity, hands-free, discreet two-way communication, while maintaining the comfort necessary for extended-wear in moderate noise environments.

AARMN4018<sup>1</sup> Single-Muff, Adjustable, Lightweight Headset with Boom Microphone, In-line Push-to-Talk Switch

AARMN4031<sup>1</sup> Lightweight Headset with Swivel Boom Microphone, VOX capable, No in-line push-to-talk switch.

ENMN4012<sup>1</sup> Ultra-Light Headset, Behind-the-Head Style with Flexible Boom Microphone, In-line Push-to-Talk Switch

AARMN4017<sup>1</sup> Ultra-Light Headset with Boom Microphone. Earbud Style Receiver  
REX4648 Replacement Foam Earpad and Windscreen. For AARMN4018, and AARMN4031.



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**NFL® STYLE HEADSETS**

NFL Style Headsets are similar to the headsets worn by Coaching Staff in the NFL. Not compatible with MTX Series.

- RMN5047 NFL Style Single-Muff, Heavy-Duty Headset with Swivel Boom Microphone.
- HLN9716<sup>1</sup> Adapter Cable

**MEDIUM WEIGHT HEADSETS**

Medium Weight Dual-Muff headsets offer high-clarity sound with the additional hearing protection necessary for providing consistent, communication in noisy situations.

- AARMN4019<sup>1</sup> Medium Weight, Dual-Muff, Over-the-Head Style, Headset with In-line Push-to-Talk and Noise-Canceling Swivel Boom Microphone. Noise Reduction = 24dB.
- AARMN4032<sup>1</sup> Medium Weight, Dual-Muff, Over-the-Head Style, Headset with Noise-Canceling Swivel Boom Microphone. Noise Reduction = 24dB. VOX operational only on conventional channel. No in-line push-to-talk.
- ENMN4016<sup>1</sup> Medium Weight, Dual-Muff, Behind-the-Head Style Headset with Swivel Boom Microphone and In-line Push-to-Talk. Noise Reduction = 24dB.
- RMN4051 Medium Weight, Dual-Muff, Two-way, Hardhat Mount Headset with Noise-Canceling Boom Microphone
- RKN4097 In-line Push-to-Talk Adapter Cable. For RMN4051.

**MEDIUM WEIGHT HEADSET REPLACEMENT PARTS**

- 1580376E32 Replacement Cloth Covers Earseals. 1 pair.
- 3280376E35 Replacement O Ring for Windscreen
- 5080548E02 Replacement Windscreen for Boom Microphone
- 7580376E34 Replacement Foam Ear Seals. 1 pair.

**TACTICAL MEDIUM WEIGHT HEADSETS**

Dual-Muff, tactical headsets have 2 microphones on the outside of the earcups which reproduce ambient sound back into headset. Harmful sounds are suppressed to safe levels and low sounds are amplified up to 5 times original level, but never more than 82dB. Has on/off volume control on earcups. Easily replaceable ear seals are filled with a liquid and foam combination to provide excellent sealing and comfort. 3-foot coiled cord assembly included. Adapter Cable RKN4097 required. Hardhat not included.

- RMN4052 Tactical Headband Style Headset. Gray, Noise Reduction = 24dB.
- RMN4053 Tactical Hardhat Mount Headset. Gray, Noise Reduction = 22dB.
- RKN4097 Adapter Cable with In-line Push-to-Talk. For use with RMN4052, and RMN4053.



RMN5047  
 NFL Style Single-Muff,  
 Heavy-Duty Headset  
 with Swivel Boom  
 Microphone

**Tactical Headband Style Headset**

Easily replaceable ear seals are filled with a liquid and foam combination to provide excellent sealing and comfort in high-noise environments



RMN4052  
 Tactical Headband  
 Style Headset



RMN4053  
 Tactical Hardhat  
 Mount Headset

## PROFESSIONAL SERIES : ACCESSORIES

PR860, HT AND MTX SERIES PORTABLES

### CARRY CASES

Carrying cases are available in sizes designed to fit your radio and battery and permit audio to be heard clearly. Belt loop and nylon cases feature "D" rings that allow the cases to be attached to a carrying strap. Swivel model cases secure to a belt loop and allow the case to swing freely from side to side. The swivel latch system also allows the radio and case to be removed from the belt loop by simply inverting the case and lifting it up and out of the belt loop.

- PR860 & HT750 NON-DISPLAY MODEL**
- HLN9665 Leather Carry Case with Belt Loop. For use with NiCd and NiMH batteries.
  - HLN9652 Leather Carry Case with Belt Loop. For use with Li-ion batteries.
  - HLN9676 Leather Carry Case with Swivel. For use with NiCd and NiMH batteries.
  - HLN9670 Leather Carry Case with Swivel. For use with Li-ion batteries.
  - HLN9701 Nylon Carry Case with Belt Loop. For use with NiCd, NiMH, and Li-ion batteries.
  - HLN9952 Carry Holder Belt Clip. PR860 only.

- HT750 KEYPAD/ALL HT1250 MODELS**
- HLN9689 Leather Carry Case with Fixed Belt Loop. For use with NiCd and NiMH batteries.
  - HLN9677 Leather Carry Case with Fixed Belt Loop. For use with Li-ion batteries.
  - HLN9694 Leather Carry Case with Swivel Belt Loop. For use with NiCd and NiMH batteries.
  - HLN9690 Leather Carry Case with Swivel Belt Loop. For use with Li-ion batteries.
  - HLN9701 Nylon Carry Case with Fixed Belt Loop. For use with NiCd, NiMH, and Li-ion batteries.

- HT1250 LIMITED-KEYPAD MODELS**
- HLN9946 Hard Leather Carry Case with Fixed Belt Loop. For use with NiCd and NiMH batteries.
  - HLN9945 Hard Leather Carry Case with Fixed Belt Loop. For use with Li-ion batteries.
  - HLN9998 Hard Leather Carry Case with Swivel Belt Loop. For use with NiCd and NiMH batteries.
  - HLN9955 Hard Leather Carry Case with Swivel Belt Loop. For use with Li-ion batteries.

- HT1550 XLS MODEL**
- HLN9698 Leather Carry Case with Fixed Belt Loop. For use with NiMH and NiCd batteries.
  - HLN9695 Leather Carry Case with Fixed Belt Loop. For use with Li-ion batteries.
  - HLN9700 Leather Carry Case with Swivel Belt Loop. For use with NiMH and NiCd batteries.
  - HLN9699 Leather Carry Case with Swivel Belt Loop. For use with Li-ion batteries.
  - HLN9701 Nylon Carry Case with Belt Loop. For use with NiCd, NiMH, and Li-ion batteries.

- MTX SERIES WITH LI-ION BATTERIES**
- HLN9652 Leather Carry Case with Fixed Belt Loop
  - HLN9670 Leather Carry Case with Swivel Belt Loop
  - HLN9677 Leather Keypad Case with Fixed Belt Loop
  - HLN9690 Leather Carry Case with Swivel Belt Loop

- MTX SERIES WITH NICD/NIMH BATTERIES**
- HLN9665 Leather Carry Case with Fixed Belt Loop
  - HLN9676 Leather Carry Case with Swivel Belt Loop
  - HLN9689 Leather Keypad Case with Fixed Belt Loop
  - HLN9694 Leather Keypad Case with Swivel Belt Loop

- MTX SERIES WITH NICD/NIMH/LI-ION BATTERIES**
- HLN9701 Nylon Carry Case with Fixed Belt Loop.

HLN9676  
Leather Carry Case  
with Swivel



HLN9701  
Nylon  
Carry Case  
with Belt Loop



HLN9946  
Hard Leather  
Carry Case  
with Belt Loop



HLN9694  
Leather Keypad Case  
with Swivel  
Belt Loop





**CARRY ACCESSORIES**

- BELT LOOPS, BELT CLIPS, STRAP**
- NTN8039 2.5 inch Leather High-Activity Swivel Belt Loop
  - NTN8040 3 inch Leather High-Activity Swivel Belt Loop
  - 4200865599 1.75 inch Wide Leather Belt. For all Models
  - HLN9714 Spring Action 2.5 inch Belt Clip
  - HLN9844 Spring Action 2 inch Belt Clip
  - NTN5243 Adjustable, Black Nylon Carrying Strap. Attaches to D-ring on cases.

- MISCELLANEOUS**
- HLN9985 Waterproof Bag with large strap
  - TDN9327 Portable Radio Hanger. For door panels up to 2.75 inches.
  - TDN9373 Portable Radio Hanger. For door panels up to 2.75 to 3.25 inches.
  - HLN9820 Accessory Dust Cover. MTX Series.
  - RLN4890 Assistive Turning Knobs. MTX Series.

**UNIVERSAL CHEST PACK**

Motorola Original Universal Chest Pack protects the radio and provides the freedom from holding it during standby communication mode. Universal Chest Pack fits most radios.

- HLN6602 Universal Chest Pack with Radio Holder, Pen Holder and Velcro Secured Pouch. Not for use with HT1250-LS+, 700 MHz models.
- 1505596Z02 Replacement Strap for HLN6602

**BREAK-A-WAY CHEST PACK**

All the features of the original Universal Chest Pack plus break-a-way tabs that allow the entire pack to be pulled off with approximately 10 lbs. of pressure.

- RLN4570 Break-a-Way Chest Pack with Radio Holder, Pen Holder and Velcro Secured Pouch
- 1505596Z02 Replacement Strap for RLN4570

**RADIOPAK™**

The RadioPAK is lightweight and comfortable. Worn around the waist, it keeps radios at hand. It features a separate 6 x 8 inch zippered pouch for other on-the-job necessities. Adjustable woven nylon belt fits waists up to 40 inches.

- RLN4815 RadioPAK Radio/Utility Case
- 4280384F89 RadioPAK Extension Belt. For waists larger than 40 inches.

**Carry Accessories**

You'd be surprised how much time can be saved when a radio is always in the same place—made easy by this versatile selection of Motorola Original carry accessories.



**RadioPAK**

Unlike rigid holders, the universal-fit RadioPAK is lightweight and comfortable. An ideal companion for two-way radios.



## PROFESSIONAL SERIES : ACCESSORIES

PR860, HT AND MTX SERIES PORTABLES

### IMPRES BATTERIES

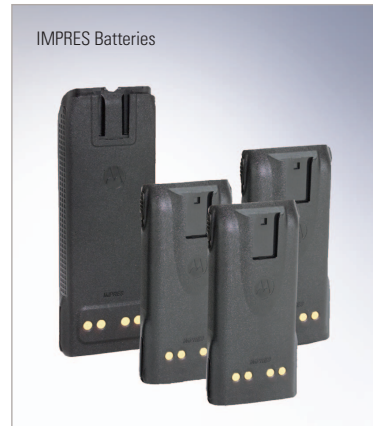
IMPRES batteries, when used with an IMPRES charger, provide automatic, adaptive reconditioning, end-of-life display and other advanced features. Data is stored in the battery and communicated to the charger via a unique IMPRES communication protocol which is designed to maximize talk-time and optimize battery cycle life—all automatically.

HNN4001	NiMH, 1800 mAh
HNN4002 <sup>1</sup>	NiMH, 1690 mAh, Intrinsically Safe.
HNN4003	Li-ion, 2000 mAh

### MOTOROLA ORIGINAL BATTERIES

Motorola Original Batteries are ruggedly designed for lasting durability and are system tested with Motorola two-way radios to ensure optimum performance. NiCd is best suited for extreme temperature operation, and provides the maximum number of charge/discharge cycles. Li-ion batteries offer extended duty cycles—providing more talk time per shift.

HNN9011BR <sup>1</sup>	<b>PREMIUM NICKEL CADMIUM—NiCd</b> NiCd, 1200 mAh, Intrinsically Safe.
HNN9012BR	NiCd, 1300 mAh.
HNN9008AR	<b>PREMIUM NICKEL METAL HYDRIDE—NiMH</b> NiMH, 1500 mAh. Not compatible with low band radios.
HNN9009AR	NiMH, 1900 mAh
HNN9010AR <sup>1</sup>	NiMH, 1800 mAh, Intrinsically Safe.
HNN9013DR	<b>PREMIUM LITHIUM ION—Li-ion</b> Li-ion, 1500 mAh
NNTN5332	<b>CLAMSHELL</b> Disposable Clamshell Battery. Black. Requires 12 AA alkaline batteries, not included. Not for MTX Series.



### FLEXIBLE WHIP ANTENNAS

Flexible Whip Antennas have a one-piece finish, steel core, and spiral wound conductor for optimal radiation characteristics.

8504762J01 <sup>1</sup>	VHF Whip Antenna, 136-155 MHz, 5.5 Inch
PMAD4023 <sup>1</sup>	VHF Whip Antenna, 150-161 MHz, 5.5 Inch
8504762J02 <sup>1</sup>	VHF Whip Antenna, 155-174 MHz, 5.5 Inch
NAE6483AR <sup>1</sup>	UHF Flexible Whip Antenna, 403-512 MHz, 6 Inch
NAD6502AR <sup>1</sup>	VHF Heliflex Antenna, 150-162 MHz, 6 Inch
NAD6579 <sup>1</sup>	VHF Whip Antenna, 148-161 MHz, 7.5 Inch
NAB6064 <sup>1</sup>	Low Band, Heliflex 29.7-50 MHz, 12 Inch
8505241U03	800 MHz 1/2 Wave Whip, 806-869 MHz, 7 Inch
8505241U04	900 MHz 1/2 Wave Whip, 896-941 MHz, 7 Inch For use with MTX850, MTX950, MTX8250 and MTX9250 only.

### STUBBY ANTENNAS

Stubby antennas are ideal for radios worn on the belt because they are short and non-obtrusive. These rugged, helical antennas feature a capless sheath that allows for maximum flexibility.

PMAD4012 <sup>1</sup>	VHF Stubby Antenna, 136-155 MHz, 3.5 Inch
PMAD4025 <sup>1</sup>	VHF Stubby Antenna, 150-161 MHz, 3.5 Inch
PMAD4013 <sup>1</sup>	VHF Stubby Antenna, 155-174 MHz, 3.5 Inch
PMAE4002 <sup>1</sup>	UHF Stubby Antenna, 403-433 MHz, 3.5 Inch
PMAE4003 <sup>1</sup>	UHF, Stubby, 430-470 MHz, 3.5 Inch
8505241U06	800-900 MHz 1/4 Wave Stubby, 806-941 MHz, 4 Inch. For use with MTX850, MTX950, MTX8250 and MTX9250 only.

### HT SERIES RETROFIT BOARDS

AAHLN9725	Voice Storage Option Board Field install only. Compatible with MTX Series.
AAHLN9729	DTMF Decode Option Board Field install only.



<sup>1</sup>Intrinsically Safe: Motorola approved accessories are a critical part of the specific radio and accessory system certified by a recognized testing organization as intrinsically safe. Non-Motorola approved accessories are not certified as part of the overall Motorola portable radio system. Use of non-Motorola approved accessories could result in equipment that is unapproved or unsafe in a hazardous environment.



**SINGLE-UNIT RAPID-RATE, UNIVERSAL CHARGER**

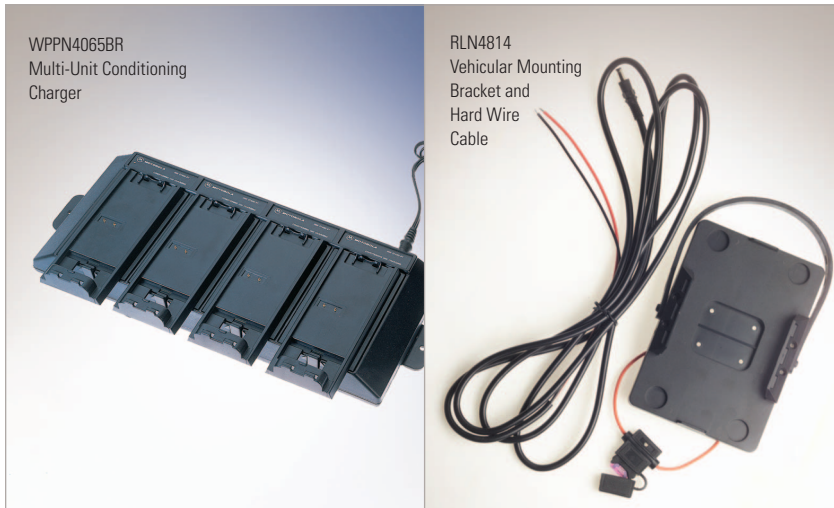
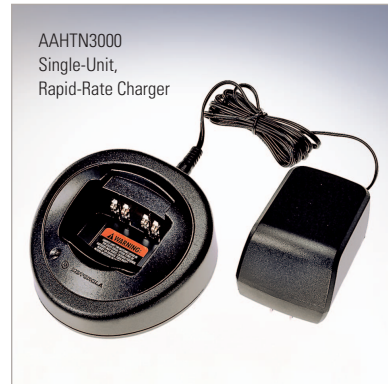
This Single-Unit Charger can rapidly charge batteries on or off the radio in one to three hours. This tri-chemistry charger features rapid, trickle, and maintenance modes. The maintenance mode “revert to rapid” feature ensures batteries remain fully charged even when left on the charger for extended periods.

- AAHTN3000 Single-Unit, Rapid-Rate Charger, 110 Volt, US plug
- HLN9793 Charger Insert Spacer. Compatible with “A” version chargers only.
- HLN9794 Charger Insert Spacer. Compatible with “B”, “C” and “D” version chargers.

**MOTOROLA CONDITIONING CHARGERS—MCC**

The MCC features Instant Fault Detection technology that detects faulty batteries in seconds. You’ll know right away when a battery won’t operate at peak performance—saving you time and trouble. Each unit rapidly charges NiCd and NiMH batteries and optimizes battery performance. It’s patented negative pulse charging process minimizes overheating and overcharging, extending useful battery life. Batteries can be left on the charger for extended periods of time, without worry of heat build-up. Optional accessories are available that allow the MCC to be used in both AC and DC environments—that’s flexibility.

- WPLN4107BR Charger Kit, 110 Volt AC  
Includes Single Unit Base and 7 Volt Adapter Plate.
- WPPN4065BR Multi-Unit Conditioning Charger, 4-Station Base, 110 Volt  
Adapter Plate sold separately.
- WPPN4002BR 110 Volt AC Base Charge Unit  
Order adapter plates separately. MTX only.
- WPPN4082BR 7 Volt Adapter Plate
- 3080384G15 Vehicular Power Adapter
- RLN4814 Vehicular Mounting Bracket and Hard Wire Cable for Single-Unit  
Motorola Conditioning Chargers. Includes DC Hard Wire Cable  
3080384M21. Not compatible with MTX Series.
- 3080384M21 DC Hard Wire Cable. For vehicular installation.



**Motorola Conditioning Chargers**

Feature Instant Fault Detection technology that detects faulty batteries in seconds. You’ll know right away when a battery won’t operate at peak performance—saving you time and trouble.

## PROFESSIONAL SERIES : ACCESSORIES

PR860, HT AND MTX SERIES PORTABLES

### IMPRES CHARGERS

Through the use of advanced charging algorithms and automatic reconditioning features, the IMPRES Smart Energy System ensures maximum talk-time and optimized battery cycle life. This smart energy system automatically reconditions IMPRES batteries based on actual usage, keeping them in peak condition. Its advanced conditioning features allow batteries to be safely left on the charger for extended periods of time without incurring heat damage. In addition, batteries left in the charger are kept fully charged so they are always ready when needed. This rapid-rate, tri-chemistry charging system will also charge compatible non-IMPRES batteries.

WPLN4182 IMPRES Single-Unit Charger, 110 Volt

WPLN4187 IMPRES Multi-Unit Charger, 110 Volt

### IMPRES MULTI-UNIT CHARGERS WITH DISPLAYS

Provide powerful, "real time" analyzing information for IMPRES batteries, including current charge status, battery mAh, and voltage. Readout displays battery kit number, serial number and chemistry and the time remaining to complete the charge for NiCd and NiMH batteries.

WPLN4192 IMPRES Multi-Unit Charger with Display Modules. 110 Volt-US

NLN7967 Wall Mount for Multi-Unit Charger

### IMPRES INDIVIDUAL CHARGER DISPLAY MODULE

This module is compatible with the standard IMPRES Multi-Unit Chargers WPLN4187. Up to 6 modules can be used per charger, one for each charging pocket. Includes detailed installation instructions.

RLN5382 Charger Display Module for IMPRES Multi-Unit Charger  
110 Volt. Charger Version 1.3 or Later.

Note: Display Modules compatible with Multi-Unit Charger version 1.2 or earlier require a software flash update. Version number is located on label on the bottom of the IMPRES Multi-Unit charger. If no version is shown, it is earlier than version 1.2. Version 1.2 will appear as V1.20, 1.3 will appear as V1.30, etc.

### Motorola IMPRES Chargers

Batteries left in the charger are kept fully charged so they are always ready the moment they are needed.

WPLN4182  
IMPRES  
Single-Unit Charger



WPLN4192  
IMPRES Multi-Unit  
Charger with Displays







**IMPRES BATTERY READER**

The industry exclusive IMPRES Battery Reader provides IMPRES battery users the ability to access charging, reconditioning and key usage data that can affect overall battery performance. By keeping batteries in peak condition, talk time and cycle life are optimized, reducing battery replacement. Package includes IMPRES Battery Reader (fits XTS batteries), System Software, USB Cord, Adapter inserts for APX, MOTOTRBO and Professional Series radios.

NNTN7392          IMPRES Battery Reader

**IMPRES Battery Reader**

By keeping batteries in peak condition, talk time and cycle life are optimized, reducing battery replacement.

**IMPRES BATTERY FLEET MANAGEMENT SOFTWARE**

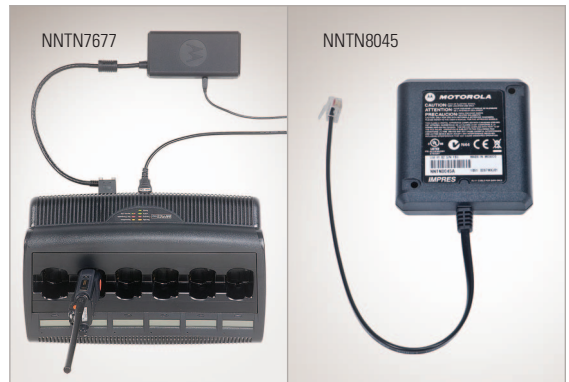
The software application remotely downloads key IMPRES battery data through existing IMPRES chargers for more effective management of the IMPRES battery and charger fleet. These reports provide key battery and charger data such as when IMPRES batteries are nearing end of life, identifying lost batteries and ensuring IMPRES chargers are appropriately distributed and use is maximized.

NNTN7676          IMPRES Battery Fleet Management Software  
 HKVN4036          IMPRES Battery Fleet Management Entitlement Key

**IMPRES BATTERY FLEET MANAGEMENT CHARGER INTERFACE UNIT—CIU**

Attaches to an IMPRES multi-unit or single-unit charger to enable the data transfer to IMPRES Battery Fleet Management. A CIU is required for IMPRES chargers that report data to IMPRES Battery Fleet Management.

NNTN7677          Multi-Unit Charger Interface Unit  
 NNTN8045          Single-Unit Charger Interface Unit



**IMPRES COMPATIBLE VEHICULAR CHARGER**

Has full IMPRES charger to battery communication capability. This ensures continuity of IMPRES battery charge data logging in a vehicular environment. This IMPRES compatible vehicular charger will not recondition IMPRES batteries while in the vehicle, but will provide an indication when reconditioning is required.

NNTN7618          IMPRES Compatible Vehicular Charger



**IMPRES Compatible Vehicular Charger**

This compact vehicular charger allows users to charge the battery while it's attached to the radio or alone.

## PROFESSIONAL SERIES : ACCESSORIES

PR860, HT AND MTX SERIES PORTABLES

### BATTERY MAINTENANCE SYSTEM<sup>PLUS</sup>—BMS<sup>PLUS</sup>

Using interchangeable battery adapters (sold separately), the BMS<sup>PLUS</sup> is capable of charging and discharging, analyzing, conditioning and cycle testing batteries. It supports NiCd, NiMH and Li-ion batteries (Li-ion 6-station units only) and tracks better voltage and capacity (mAh). Its easy-to-use design supports hundreds of two-way, cellular and camcorder batteries. The BMS<sup>PLUS</sup> has a 3-year warranty and includes serial printer\* port (RS-232).

WPLN4079BR	6-Station BMS <sup>PLUS</sup> , 120V, AC, 50/60 Hz—US Plug
WPLN4080BR	6-Station BMS <sup>PLUS</sup> , 230V, AC, 50/60 Hz—Euro Plug
WPPN4085AR	BMS <sup>PLUS</sup> Li-ion Field Upgrade Kit. Upgrades WPLN4079AR, WPLN4080AR, WPLN4081AR. Allows units to support Li-ion batteries.
NDN4005	3-Station BMS <sup>PLUS</sup> , 120V, AC, 50/60 Hz. Does not support Li-ion or 3-cell batteries.
NDN4006	3-Station BMS <sup>PLUS</sup> , 230V, AC, 50/60 Hz. Does not support Li-ion or 3-cell batteries.
<b>BMS<sup>PLUS</sup> ADAPTERS</b>	
WPPN4079AR	Adapter. For NiCd and NiMH batteries.
WPPN4080AR	Adapter. For NiCd, NiMH, and Li-ion batteries. Requires Li-ion capable BMS <sup>PLUS</sup> .

\*Compatible with the STAR Micronics SP200 Series printers (and other printers with STAR emulation); available from STAR Micronics distributors.

### BATTERY OPTIMIZING SYSTEM II—BOS II

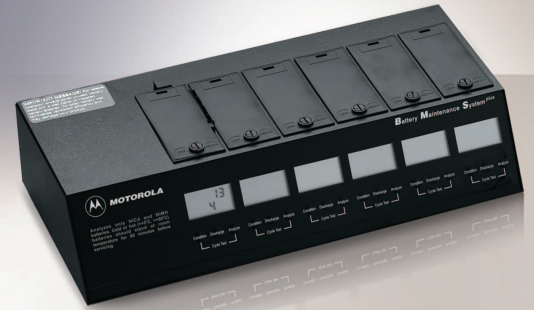
Regular use of the BOS II can optimize battery performance and help extend battery life, helping reduce battery replacement costs. Users can select from 12 pre-programmed service programs making it quick and easy to get up and running. Because the BOS II is programmable, users can create custom programs to perform a wide variety of tasks specific to individual needs. The BOS II includes navigation keys and an improved, more intuitive menu system.

- Support for NiCd, NiMH, Li-ion, and SLA batteries 100W Power Supply programmable from 100 mAh to 4 Amps per station
- Interchangeable Adapters accommodate all major brands
- Includes a variety of Programs and allows customizable programming
- Proprietary Recondition Cycle restores NiCd and NiMH batteries
- Increased processing power and testing resolution—including a Three-minute Quicktest™ that measures the batteries' State of Health (SoH) Printer Output for reports and labels
- Three-year Warranty

WPLN4124BR	BOS II, 4-Station, 90-240V, AC—US. Adapter plates required.
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<b>BOS ADAPTERS</b>	
RL-76345	Standard Adapter for BOS I
RL76340	Standard Adapter for BOS II

WPLN4079BR  
Battery Maintenance System<sup>PLUS</sup>



NDN4005B  
Battery Maintenance System<sup>PLUS</sup>



WPLN4124AR  
Battery Optimizing System II





### VEHICULAR TRAVEL CHARGER

A great traveling companion that ensures constant communication while on the road. Its small compact design allows the radio to be used while rapid charging in the charger base. Unit includes a voltage regulated vehicular charger adapter, custom charger base, mounting bracket and coil cord.

- RLN4883 Vehicular Travel Charger. Includes Mounting Bracket 0780384K84.
- RLN5914 Travel Charger Mounting Bracket Kit. Includes screws and nylon cord.

### REPLACEMENT PARTS FOR VEHICULAR ADAPTERS

- 5880367B23 Connector Adapter, BNC Female
- 5880367B28 Connector Adapter, BNC Male
- ENKN4002 Programming Cable  
Required for use with external speaker or HT1250-LS operation.
- ENKN4003 Audio Service Cable. For use with HT1250-LS RLN4460C test box.
- GSN6059 External 13-Watt Speaker
- GKN6270 Power Cable with 10A Fuse
- ENLN4103 VHF Antenna Adapter, 136-174 MHz
- ENLN4104 UHF Antenna Adapter, 403-470 MHz
- GMN6146 Hand-held Mobile Microphone
- ENLN4117 Vehicle Connector Kit
- WALN4078 Battery Spacer Kit
- 8264934B01 Programming Software
- 6881093C78 User Manual
- 6881093C79 Technical Manual

### Vehicular Travel Chargers

Always a great traveling companion for road warriors, travel chargers can help ensure constant communication while on the road.





**STANDARD COMPACT MICROPHONE**

Standard Compact Microphone provides basic push-to-talk functionality and ships with all CDM Series mobile radios.

AARMN4025      Standard Compact Microphone

**ENHANCED KEYPAD MICROPHONE—NOT COMPATIBLE WITH PM1200**

Enhanced Keypad Microphone includes a full keypad that enables you to dial phone numbers from the microphone, also has three customizable buttons that can be programmed with any of the control head features.

AARMN4026      Enhanced Keypad Microphone

**HEAVY-DUTY MICROPHONE**

Heavy-Duty Microphone for users who want more durability, also ideal for those who need a larger microphone that is easier to handle when wearing gloves.

AARMN4038      Heavy-Duty Microphone

**TELEPHONE-STYLE HANDSET**

Ideal for users wanting to conduct private conversations. Ergonomically-designed, easy to hold. Includes cup and hardware.

AAREX4617      Telephone-Style Handset

**VISOR MICROPHONE AND PUSH-TO-TALK SWITCHES**

Improve convenience and safety with the Visor Microphone and its compatible hands-free transmission options. Small microphone mounts to vehicle's visor for convenient hands-free radio operation. Use with choice of external push-to-talk switch.

AARMN4027      Visor Microphone

**EXTERNAL PTT ACCESSORIES**

RLN4857      Pushbutton with Push-to-Talk  
Can be held in the hand, or mounted to the vehicle with touch fasteners.

RLN4856      Foot Switch with Push-to-Talk. Mounts to floor of vehicle.

**EMERGENCY FOOT SWITCH**

Lets user notify the base station quickly and discreetly of trouble. Sends signal to station and activates microphone.

RLN4836AR      Emergency Foot Switch



AARMN4026  
Enhanced Keypad Microphone



AARMN4038  
Heavy-Duty Microphone



AAREX4617  
Telephone-Style Handset

## PROFESSIONAL SERIES : ACCESSORIES

### CDM SERIES MOBILES



### CDM CONTROL STATION

The CDM Control Station converts a CDM750, CDM1250, CDM1550, or CDM1550-LS+ two-way radio into a convenient base station. This makes an ideal communication solution for transportation, manufacturing, construction and public safety users.

The radio mounts into the lightweight, portable chassis, containing a full range of front panel control buttons plus an internal microphone, speaker and power supply. A front connector allows for a range of external audio accessories, including a desk microphone, tone or DC remote adapter and telephone interconnect. Not compatible with PM1200 radios.

RLN5403 Control Station  
For CDM750, CDM1250, CDM1550, and CDM1550-LS+ two-way radios.

#### CONTROL STATION ACCESSORIES

RMN5068 Desktop Microphone. Black.  
GLN7318 Desktop Tray Without Speaker  
GLN7326 Desktop Tray with Speaker  
HPN4007 Power Supply, 25-60W. Power cord included.

### CDM Control Station

Turn a CDM mobile into a convenient desktop base station. Perfect for fleet operators in transportation, construction and public safety industries. Mobile radio and desktop microphone both sold separately.



### MOUNTING BRACKETS

CDM radios are often installed on the dash of a vehicle, and run off its power source. These accessories are available for mounting CDM mobiles in vehicles.

GLN7324 Low-Profile Mounting Bracket. Keeps radio tucked up under the dash, can also be positioned for floor mount.  
GLN7317 High-Profile Mounting Bracket. Keeps radio tucked up under the dash, with extra clearance so radio can be tilted for a better view. Can also be positioned for floor mounting.  
RLN4779 Key Lock Mount. Key lock helps provide extra protection from theft. Lock/unlock radio from position in the mounting bracket.  
RLN4774 Three-Point Low Band Mount. Three-point Mount provides extra stability for mounting low band radio models.

### DIRECT IN DASHBOARD MOUNTING KIT

This kit is ideal if you prefer to mount the radio directly into the dashboard for better appearance or to keep it from being an obstruction in the vehicle. Control Head compatible with CDM750, CDM1250, and CDM1550 VHF and UHF only.

RLN4781 Direct In Dashboard Mounting Kit

### REMOTE MOUNTING KITS

These kits allow you to mount the radio chassis in the trunk or under the seat and mount the control head elsewhere in the vehicle. Ideal for vehicles with no convenient place to mount the radio near the dashboard, or where security is a concern.

RLN4801 Remote Mount for CDM750  
RLN4802 For CDM1250, CDM1550, and CDM1550-LS



### REMOTE MOUNTING CABLES

These cables are used to connect the CDM mobile radio chassis to the control head.

RKN4077 3 meter Remote Mount Cable  
RKN4078 5 meter Remote Mount Cable  
RKN4079 7 meter Remote Mount Cable

### PM1200 REMOTE MOUNTING CABLES

HKLN4331 PM1200 Remote Control Head  
HKKN4017 PM1200 Remote Mount Cable, 8 foot  
HKLN4341 PM1200 Remote Mount Cable, 20 foot  
HKKN4018 PM1200 Remote Mount Cable, 33 foot

### CABLES TO BATTERY

Cables used to connect the battery to the radio chassis.

**CDM SERIES**  
HKN4191 10 foot High Power Cable for dash mount installations  
HKN4192 20 foot Low Power Cable for remote mount installations  
**PM1200**  
HKLN4340 20 foot High Power Cable for remote mount installations.  
HKKN4019 33 foot High Power Cable for remote mount installations.  
HKN9327BR Ignition Switch Cable

## PROFESSIONAL SERIES : ACCESSORIES

### CDM SERIES MOBILES

#### SPEAKERS AND PUBLIC ADDRESS KITS

College campuses, commercial and industrial complexes, government facilities, military bases, municipal districts, local schools and even cities need to be able to communicate with the public in the event of an emergency, at public events and festivals. These accessories can help you get the word out whether it's from a vehicle or from a desktop station through speakers at a fixed location.

#### SPEAKERS

RSN4001 External 13W Speaker for high noise environments. Compatible with CDM Series and PM1200.

HSN8145 External 7.5W Speaker Compatible with CDM Series and PM1200.

#### PUBLIC ADDRESS

HSN1006 Amplified External Speaker for Public Address Audio 6W. Required for use with RLN5288. Not compatible with PM1200.

RLN5288 Public Address Kit Includes two cables for mobile connection to public address box and speaker cables. Requires HSN1006. Not compatible with PM1200.

HKN9324AR Public Address/Speaker Cable 15 foot length. One cable per speaker required. Not compatible with PM1200.

#### EXTERNAL ALARM RELAY

These accessories enable additional switching power when external accessories are attached.

GKN6272 External Alarm Relay

#### BUTTON KITS

Your CDM mobile radio will last for years but you may need to order replacement buttons occasionally. The following kits offer the most commonly needed replacements.

RLN4829 Replacement Button Kit Includes MON (Monitor) and SCAN buttons.

RLN4830 Replacement Button Kit Includes ZONE, X-PAND, HI/LO, EMERGENCY, and V STR buttons.

RLN4831 Replacement Button Kit Includes MON (Monitor), SCAN, CALL, PHONE and HOME buttons.

#### OPTION BOARDS

The Voice Storage Option Board for the CDM mobile lets you to record and playback memos or incoming radio calls.

AAHLN9725 Voice Storage Option Board CDM Series mobiles only.

#### PM1200

HKLN4345 PM1200 Option Interface Board

HKLN4346 PM1200 Quik-Call II Decoder Option Board

#### Public Address

External speakers and public address kits are an absolute necessity for high-noise environments and special events.

RSN4001  
External 13W  
Speaker



HSN8145  
External 7.5W  
Speaker



HSN1006  
Amplified External  
Speaker



RLN4829  
Replacement Button Kit  
for CDM750







**WAVE BASE THROUGH-HOLE MOUNT ANTENNAS**

The signals for these antennas are radiated vertically, making them ideal for urban environments where buildings might obstruct the signal.

	<b>PM1200</b>
RAB4002ARB	29.7-36.0 MHz, 1/4 Wave Base Loaded Through-Hole Mount Antenna
RAB4003ARB	36-42 MHz, 1/4 Wave Base Loaded Through-Hole Mount Antenna
RAB4004ARB	42-50 MHz, 1/4 Wave Base Loaded Through-Hole Mount Antenna
	<b>CDM SERIES</b>
HAD4006	136-144 MHz, 1/4 Wave Through-Hole Mount Antenna
HAD4007	144-152 MHz, 1/4 Wave Through-Hole Mount Antenna
HAD4008	152-162 MHz, 1/4 Wave Through-Hole Mount Antenna
HAD4009	162-174 MHz, 1/4 Wave Through-Hole Mount Antenna
HAE4002	403-430 MHz, 1/4 Wave Through-Hole Mount Antenna
HAE4003	450-470 MHz, 1/4 Wave Through-Hole Mount Antenna
HAE4004	470-512 MHz, 1/4 Wave Through-Hole Mount Antenna

**MAGNETIC/THROUGH-HOLE MOUNT ANTENNAS**

These antennas are designed to direct the signal more towards the horizon, making them ideal for applications in more geographically flat regions where signal coverage is sparse and must cover a larger area.

	<b>CDM SERIES</b>
RAD4000AMB	VHF, Low Band, 140-174 MHz, 3dB Gain Magnetic Mount
HAE4010	UHF, 403-430 MHz, 3.5dB Gain Through-Hole Mount Antenna
HAE4011	UHF, 450-470 MHz, 3.5dB Gain Through-Hole Mount Antenna
HAE4012	UHF, 470-495 MHz, 3.5dB Gain Through-Hole Mount Antenna
RAE4004ARB	UHF, 440-470 MHz, 5dB Gain Through-Hole Mount Antenna
HAE4013	UHF, 494-512 MHz, 3.5dB Gain Through-Hole Mount Antenna

**GPS ANTENNAS**

These antennas are used to receive GPS signals.

**CDM SERIES**

RDN7372	Fixed Mount GPS Active Antenna
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**LOW PROFILE ANTENNAS**

Compact design is a key feature of low profile antennas.

**CDM SERIES UHF ANTENNAS**

RAE4162	White, 410-430 MHz, 3dB Gain Antenna
RAE4163	Black, 410-430 MHz, 3dB Gain Antenna
RAE4164	Black, 430-450 MHz, 3dB Gain Antenna
RAE4165	White, 430-450 MHz, 3dB Gain Antenna
RAE4166	Black, 470-490 MHz, 3dB Gain Antenna
RAE4167	White, 450-470 MHz, 3dB Gain Antenna
RAE4168	Black, 450-470 MHz, 3dB Gain Antenna
RAE4169	White, 470-490 MHz, 3dB Gain Antenna

**CDM SERIES VHF ANTENNAS**

RAD4207	White, 150-168 MHz, Unity Gain Antenna
RAD4208	Black, 150-168 MHz, Unity Gain Antenna
RAD4209	Black, 142-160 MHz, Unity Gain Antenna
RAD4210	White, 142-160 MHz, Unity Gain Antenna

**CDM SERIES 800MHz ANTENNAS**

RAF4217	White, 821-896 MHz, 3dB Gain Antenna
RAF4218	Black, 821-896 MHz, 3dB Gain Antenna
RAF4219	Black, 806-866 MHz, 3dB Gain Antenna
RAF4220	White, 806-866 MHz, 3dB Gain Antenna

**MOUNTING KITS**

3080384M44	Black Magnetic with 12 foot of RG58A/U Cable, Mini UHF Crimp
3080384M45	Chrome Magnetic with 12 foot of RG58A/U Cable, Mini UHF Crimp
3080384M48	3/4 Inch Through-Hole Mount with 17 foot of RG58A/U Cable, Mini UHF Crimp
3080384M46	Chrome Trunk Mount with 17 foot of RG58A/U Cable, Mini UHF Crimp
3080384M47	Black Trunk Mount with 17 foot of RG58A/U Cable, Mini UHF Crimp



**MINI UHF CRIMP**  
Mini UHF Crimp is included with RG58A/U cable in our selection of Mounting Kits.



# ENHANCE YOUR RADIO'S CAPABILITIES WITH MOTOROLA ORIGINAL

Not sure which Motorola Original accessories are right for your business environment?  
Contact us today and our Professional Two-way Radio expert will work with you to identify  
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