Motorola Original®
Accessories let you make the most of your Motorola radio's capabilities.

You likely chose your Motorola portable or mobile radio for its ease of use and exceptional reliability — certainly a sound business decision. Choosing Motorola Original® accessories for your radio is also the right call to make.

For starters, every Motorola Original® accessory is performance-matched for Motorola radios — designed, built and rigorously tested to the same quality standards. So you can be sure that every product in this catalog will perfectly complement your radio's performance.

What's more, insisting on Motorola Original® accessories can help increase your productivity. That's because you can count on every accessory to do its job time after time. If you take a chance on a mismatched battery, a flimsy headset or an ill-fitting carry case, your radio may not perform at the moment you have to use it.

We're pleased to bring you this collection of proven Motorola Original® accessories for your important business communication needs. You'll find remote speaker microphones for more convenient control. Carry cases for ease when on the move. Earpieces to ensure privacy. Headsets for hands-free operation. High-capacity batteries to extend work time, and more. They're all ready to help you work smarter, harder, with greater confidence.
How the Book is Organized

Motorola Quality
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The Ear Microphone System has a miniature earpiece that 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.
MT 2000 and MTS 2000 portables

Police
Whether in hot pursuit or investigating a cold case, communication can be made much easier with an Ear Microphone System with PTT and VOX Interface Module.

Fire
It takes two hands for climbing ladders and controlling hoses, and solutions like our Chest Pack provide both welcome freedom and valued protection in the heat of the action.

Emergency Response
First responders deserve first-class tools for communicating their position and conditions, and our Lightweight Headsets help everyone quickly and clearly get the message.

Security
From crowd control to answering an alarm signaling illegal entry, a Remote Speaker Microphone lets professionals respond instantly without the need to reach for radio controls.
programmable, with encryption capabilities...

MT 2000™/MTS 2000™ radios combine convenient features and full alphanumeric displays into a small, rugged package. Programmable function controls and radio-to-radio cloning provide enhanced user flexibility. And you can add even more features through FLASHport™ software upgrades as your communications needs change.

"Come in Unit 1211... the area is now secure and you’re cleared for take-off."

Come in Unit 1211... the area is now secure and you’re cleared for take-off."
Noise-Cancelling Remote Speaker Microphone is the perfect choice when you must be heard the first time.

In the case.
Out of the case.
In. Out.
It’s more efficient to leave a radio in place and wear a microphone on a uniform jacket or shirt collar — and Motorola Original® audio accessories make it possible.

RMN5038A
RLN4851A
AARLN4858B
WGN4190B
NMD5988A
Remote Speaker Microphones (RSM)
These compact Remote Speaker Microphones are water-resistant and allow talking and listening without removing the radio from the belt or case. They have a 6-foot coiled cord assembly, 3.5mm earjack, swivel clip and quick disconnect latch.

NMN6193C* Remote Speaker Microphone
NMN6191C* Noise-Cancelling Remote Speaker Microphone
0104010J46 Replacement Coil Cord Assembly for Remote Speaker Microphone

Remote Speaker Microphone with Emergency Button
The orange button on the microphone head can be used to signal that the operator needs help. This microphone offers high/low volume control and has a 3.5mm earjack on the microphone head. Emergency activation from the RSM is delayed until programmed Mandown Pre-alert and Post-alert delays elapse. Depending on radio model, factory defaults or previous programming could set the delay times for as long as 8 to 120 seconds.

RMN5038A Remote Speaker Microphone with Emergency Button

RSM Audio Accessories
The following earpieces are compatible with the Remote Speaker Microphone with Emergency Button RMN5038A.

RLN4941A Receive-Only Earpiece with Translucent Tube and Rubber Eartip
AARLN4885B Receive-Only Covered Earbud
WADN4190B Receive-Only Flexible Earpiece

Public Safety Microphones (PSM)
Public Safety Speaker Microphones include straight cord assembly, 3.5mm earjack, swivel clip, quick disconnect latch, antenna connector and receive audio high/low toggle switch. Use with radio’s antenna, sold separately. RF adapter is included.

NMN6228C* Noise-cancelling Public Safety Microphone with 30 Inch Straight Cord
NMN6244B* Noise-cancelling Public Safety Microphone with 24 Inch Straight Cord
NMN6243B* Noise-cancelling Public Safety Microphone with 18 inch Straight Cord

Mandown, Public Safety Tilt Switch
The Mandown, Public Safety Tilt Switch functions as an external emergency switch that is activated when the radio unit is tilted at an angle greater than 60 degrees. No other audio accessory can be attached to the radio while the tilt switch is attached. Radio must be programmed to enable the emergency tilt feature.

NTN7660C* Mandown, Public Safety Tilt Switch

Epaulet Straps
Black leather Epaulet Strap secures Remote Speaker Microphone to epaulet on shirt or jacket and accommodates back clip in leather cut-outs. Snap closure secures cord to allow reliable communications in hostile environments.

RLN4294A Epaulet Strap, Velcro
RLN4295A Epaulet Strap, with Clip

*Intrinsically Safe
Surveillance Kits

Surveillance accessories allow the radio user to privately receive messages with the earpiece and are ideal when environments require discreet communication. The following surveillance accessories require the 3.5mm threaded adapter jack BDN6676D that attaches to the radio, unless being used with speaker microphone.

1-WIRE SURVEILLANCE KITS

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>BDN6664A*</td>
<td>Receive-Only Earpiece with Standard Earphone (1-Wire)</td>
<td>Beige</td>
</tr>
<tr>
<td>BDN6665A*†</td>
<td>Extra Loud Receive-Only Earpiece with Standard Earphone (1-Wire)</td>
<td>Beige</td>
</tr>
<tr>
<td>BDN6726A*</td>
<td>Receive-Only Earpiece with Standard Earphone (1-Wire)</td>
<td>Black</td>
</tr>
<tr>
<td>BDN6727A*†</td>
<td>Extra Loud Receive-Only Earpiece with Standard Earphone (1-Wire)</td>
<td>Black</td>
</tr>
<tr>
<td>BDN6666A*</td>
<td>Receive-Only Earpiece with Volume Control and Earloop (1-Wire)</td>
<td>Beige</td>
</tr>
<tr>
<td>BDN6728A*</td>
<td>Receive-Only Earpiece with Volume Control and Earloop (1-Wire)</td>
<td>Black</td>
</tr>
</tbody>
</table>

2-WIRE SURVEILLANCE KITS

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>BDN6667A*</td>
<td>Earpiece with Microphone and Push-to-Talk Combined (2-Wire)</td>
<td>Beige</td>
</tr>
<tr>
<td>BDN6668A*</td>
<td>Extra Loud Earpiece with Microphone and Push-to-Talk Combined (2-Wire)</td>
<td>Beige</td>
</tr>
<tr>
<td>BDN6729A*</td>
<td>Earpiece with Microphone and Push-to-Talk Combined (2-Wire)</td>
<td>Black</td>
</tr>
<tr>
<td>BDN6731A*†</td>
<td>Extra Loud Earpiece with Microphone and Push-to-Talk Combined (2-Wire)</td>
<td>Black</td>
</tr>
</tbody>
</table>

3-WIRE SURVEILLANCE KITS

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>BDN6668A*</td>
<td>Earpiece with Microphone and Push-to-Talk Separate (3-Wire)</td>
<td>Beige</td>
</tr>
<tr>
<td>BDN6670A*</td>
<td>Extra Loud Earpiece with Microphone and Push-to-Talk Separate (3-Wire)</td>
<td>Beige</td>
</tr>
<tr>
<td>BDN6730A</td>
<td>Earpiece with Microphone and Push-to-Talk Separate (3-Wire)</td>
<td>Black</td>
</tr>
<tr>
<td>BDN6732A†</td>
<td>Extra Loud Earpiece with Microphone and Push-to-Talk Separate (3-Wire)</td>
<td>Black</td>
</tr>
</tbody>
</table>

Surveillance Kits - With Extended-Wear Comfort Earpiece

These kits include an extended-wear comfort earpiece with rubber ear tip and clear, comfortable acoustic tube. Users hear transmissions clearly, while the clear tube provides a discreet appearance.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>RLN5314A</td>
<td>Comfort Earpiece, Receive-Only</td>
<td>Beige</td>
</tr>
<tr>
<td>RLN5313A</td>
<td>Comfort Earpiece, Receive-Only</td>
<td>Black</td>
</tr>
<tr>
<td>RLN5311A</td>
<td>Earpiece w/Microphone and PTT Combined (2-Wire)</td>
<td>Beige</td>
</tr>
<tr>
<td>RLN5312A</td>
<td>Earpiece w/Microphone and PTT Combined (2-Wire)</td>
<td>Black</td>
</tr>
</tbody>
</table>

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. 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 for Noise Kits.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>NTN8370A</td>
<td>Extreme Noise Kit. Includes 2 foam earplugs. For high-noise environments. Noise reduction = 24dB. Can be used with Clear Comfortable Earpieces, sold separately.</td>
<td>Beige</td>
</tr>
<tr>
<td>NTN8371A</td>
<td>Low Noise Kit - Clear Acoustic Tube Assembly. Includes 1 rubber ear tip. For low-noise environments, does not provide hearing protection.</td>
<td>Beige</td>
</tr>
<tr>
<td>5083861E39</td>
<td>Extra Loud Earphone.</td>
<td>Beige</td>
</tr>
<tr>
<td>5083703E91†</td>
<td>Extra Loud Earphone.</td>
<td>Black</td>
</tr>
</tbody>
</table>

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 NTN8371A and all Surveillance Kits.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>RUN4760A</td>
<td>Small Custom Earpiece - Right Ear</td>
<td>Beige</td>
</tr>
<tr>
<td>RUN4761A</td>
<td>Medium Custom Earpiece - Right Ear</td>
<td>Beige</td>
</tr>
<tr>
<td>RUN4762A</td>
<td>Large Custom Earpiece - Right Ear</td>
<td>Black</td>
</tr>
<tr>
<td>RUN4763A</td>
<td>Small Custom Earpiece - Left Ear</td>
<td>Black</td>
</tr>
<tr>
<td>RUN4764A</td>
<td>Medium Custom Earpiece - Left Ear</td>
<td>Black</td>
</tr>
<tr>
<td>RUN4765A</td>
<td>Large Custom Earpiece - Left Ear</td>
<td>Black</td>
</tr>
</tbody>
</table>

*Intrinsically Safe† Extra loud earphone (exceeds OSHA limits)
Completely Discreet Wireless Earpiece Kit

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.

RLN4922A Completely Discreet Earpiece Kit
RL4919A Replacement Earguards. 5 per pack.
RNL600A Replacement 1.4 Volt Batteries. 6 per pack.

Ear Microphone Systems (EMS)

This compact, lightweight unit picks up sound through bone vibrations in the ear canal. 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...those not on the communication system. EMS may be worn with protective masks without reduction in clarity of sound. It’s ideal for high-noise environments. Available in PTT or Voice-Activated (VOX). Interface Module is required and sold separately.

BDN6677A* EMS with PTT Interface. Black. For standard noise levels (up to 95dB).
BDN6678A* EMS with PTT Interface. Beige. For standard noise levels (up to 95dB).
BDN6641A* EMS with PTT Interface. Grey. For high noise levels (up to 105dB).
BDN6708A Push-to-Talk Only Interface Module
BDN6671B Push-to-Talk and Voice-Activated Interface Module

OPTIONAL ACCESSORIES FOR THE EMS

0180358E25 Earguard with Adjustable Loop
0183523E08 Remote Push-to-Talk Ring Switch
0183530805 Remote Push-to-Talk Body Switch
Earholder Black, size small. Secures Ear Microphone in ear.
Earholder Black, size medium. Secures Ear Microphone in ear.
Earholder Black, size large. Secures Ear Microphone in ear.
Earholder Clear, size small. Secures Ear Microphone in ear.
Earholder Clear, size medium. Secures Ear Microphone in ear.
Earholder Clear, size large. Secures Ear Microphone in ear.
Earholder with adjustable loop.
Replacement Belt Clip with Screws
018035146 Training CD-ROM
For Ear Microphone System and Temple Transducer.

*Intrinsically Safe
When seconds count, Motorola Original® audio accessories can help assure critical information gets communicated right the first time — quickly, clearly, and accurately.

Flexible Ear Receiver
This receive-only earpiece contains a flexible earloop and speaker which rests external to the ear. Black, without volume control. It plugs directly into adapter BDN6676D or the earjack on speaker microphones.

BDN6719A Flexible Ear Receiver with 3.5mm Threaded Plug Adapter BDN6676D required if not used with speaker microphones.
BDN6676D 3.5mm Jack Adapter with Quick Disconnect Latch 7580372E11 Replacement Foam Ear Cushion for BDN6717B.

Pellet-Style Earpieces
Pellet-style earpieces allow users to receive communication discreetly and are comfortable for extended-wear use.

BDN6780A Earbud with Microphone and Push-to-Talk. Requires adapter BDN6676D.
BDN6781A Earbud, receive-only. Requires adapter BDN6676D unless being used with a speaker or microphone.
BDN6676D 3.5mm Jack Adapter with Quick Disconnect Latch 7580372E70 Replacement Foam Cushion for Pellet Earpieces
Temple Transducer
The Temple Transducer represents a significant achievement in headset design and functionality. It allows the user to receive audio without covering the ear. The receiver portion of this accessory rests on the temples and is capable of converting the receive audio from a two-way radio into sound vibration. The sound vibration is transmitted through the surrounding human tissue and bone directly into the inner ear where it is received by the user. It features an in-line PTT and noise-cancelling boom microphone. The Temple Transducer enhances communication and safety by not impairing the user’s hearing of the external sound environment, such as machinery and equipment, warning and fire alarms, the intercom, traffic and even casual conversations with co-workers.

RMN4049A Temple Transducer
0180305J46 Training CD-ROM. For Ear Microphone System and Temple Transducer.

Rugged Temple Transducer
The Rugged Temple Transducer comes equipped with all the features of the basic model. It sports a bigger Push-to-Talk button and a larger noise-cancelling boom microphone. It is fully adjustable for different head sizes, making it comfortable for extended wear. An over-the-head band allows users to wear helmets, hardhats and other head gear – and it really stays in place! Water-resistant boom microphone is ideal for use in blowing rain and the secure cap on PTT prevents accidental activation in mission critical situations.

RMN5049A Rugged Temple Transducer

*Intrinsically Safe
The same winning quality and dependability you see at professional football stadiums and motor speedways can be yours with Motorola Original® accessories.

**The Racing Headset**
This heavy-duty headset can be worn with most hard hats. Ideal for high-noise environments; racing teams like CART® use it in the pits for dependable communication. Adapter Cable required.

- **RMN5015A** Racing Headset with Noise-Cancelling Swivel Boom Microphone
- **BDN6673A** Adapter Cable for RMN5015A

**Receive-Only Headsets**
Receive-Only 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. These are for use with Remote and Public Safety Speaker Microphones with a 3.5mm threaded jack. They can also be plugged directly into the radio when used with BDN6676D.

- **RMN4056B** Receive-Only Dual-Muff Headband Style Headset. For use with 3.5mm threaded jack. Can be plugged directly into radio with 3.5mm adapter BDN6676D.
- **RMN4057B** Receive-Only, Dual-Muff, Hardhat Headset. Mounts easily to hardhats with slots. For use with remote and public safety microphones with 3.5mm threaded jack. Can be plugged directly into radio with 3.5mm adapter BDN6676D.
- **BDN6676D** 3.5mm Jack Adapter with Quick Disconnect Latch

**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. Audio adapter BDN6676D required.

- **NMN6245A** Single-Muff Lightweight Headset with In-Line PTT Switch
- **NMN6246B** Ultra-Light Headset with Boom Microphone, In-Line PTT Switch Earbud style receiver. Requires audio adapter BDN6676D.
- **NMN1020A** Lightweight Headset with Boom Microphone. Can be worn with helmet or safety glasses. Includes adapter cable NKN4498A.
- **NKN4498A** Headset Adapter Cable for use with NMN1020A
- **BDN6676D** 3.5mm Jack Adapter with Quick Disconnect Latch
clearly understood...

**Noise-Cancelling Headsets with Boom Microphone**
Ideal for two-way communication in extremely noise environments. Dual-Muff, tactical headsets include 2 microphones on outside of 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 RKN4095A required. Hardhat not included.

- RKN4016A: Adapter Cable with In-Line Push-to-Talk. For use with RMN4052A/RMN4053A.
- REPLACEMENT EARSEALS: RLN4923B. Replacement Earseals for RMN4051B/RMN4052A/RMN4053A. Includes 2 snap-in earseals.

**Hardhat Mount Headset With Noise-Cancelling Boom Microphone**
Ideal for two-way communication in high-noise environments, this headset mounts easily to hardhats with slots, or can be worn alone. Easily replaceable ear seals are filled with a liquid and foam combination to provide excellent sealing and comfort. 3-foot coiled cord assembly included. Noise reduction of 22dB. Intrinsically Safe (FM). Separate In-line PTT Adapter Cable RKN4085A required. Hardhat not included. Black.

- RMN4051B: Two-way, Hardhat Mount Headset with Noise-Cancelling Boom Microphone.
- RKN4019A: In-line PTT Adapter Cable. For use with RMN4051B/RMN4052A/RMN4053A.

**Medium Weight Headsets**
Medium weight headsets offer high-clarity sound, with the additional hearing protection necessary to provide consistent, clear, two-way radio communication in harsh, noisy environments or situations.

- NMN6258A*: Medium Weight, Dual-Muff, Over-the-Head Style Headset with In-line PTT. Noise reduction rating = 24dB.
- NMN6259A*: Medium Weight, Dual-Muff, Behind-the-Head Style Headset. Can be worn with hardhat. Noise reduction rating = 24dB.

**Heavy-Duty Headsets**
Heavy-duty headsets include noise-cancelling boom microphones and can be worn with or without a hardhat. The Push-to-Talk switch is located on the earcup. On voice-activated models, the VOX module is contained within the headset. Headsets are for use in noise levels up to 125dB. Heavy-duty headsets require radio adapter cable BDN6673B, sold separately.

- BDN6645A: Push-to-Talk Headset with Boom Microphone.
- BDN6635B: Voice-Activated (VOX) Headset with Boom Microphone.
- BDN6673B*: Radio Adapter Cable.

*Intrinsically Safe
Leather and Nylon Carrying Cases

A variety of carrying accessories are available for comfort and convenience. The carrying cases are available in sizes designed to fit radios with a battery and permit audio to be heard clearly. Motorola carry cases were developed to meet the demands of public safety and other users who operate in the most rigorous of environments.

Leather cases are constructed of top grain, 8 ounce leather and all stainless steel hardware. High-activity cases have a swivel D-ring button and belt loop. To remove case from belt loop, rotate case 180 degrees and slide case upward, out of the holder. Case stays on belt more securely in high-activity applications while allowing the radio to swing freely with body movements.

<table>
<thead>
<tr>
<th>Standard Belt Loop Cases</th>
<th>High-Activity Swivel Cases</th>
<th>High-Activity Buttons</th>
</tr>
</thead>
<tbody>
<tr>
<td>NTN7238A Leather Case with Belt Loop, D-rings and T-strap</td>
<td>NTN8035B Leather Case with 2.5 Inch High-Activity Swivel Belt Loop, D-rings and T-strap</td>
<td>NTN1534A High-Activity D-Button with 2.5 Inch High-Activity Swivel Belt Loop For use with NTN8035B.</td>
</tr>
<tr>
<td>NTN7239A Leather Case with Belt Loop, D-rings and T-strap</td>
<td>NTN8037B Leather Case with 3 Inch High-Activity Swivel Belt Loop, D-rings and T-strap</td>
<td>NTN1535A High-Activity D-Button with 3 Inch High-Activity Swivel Belt Loop For use with NTN8035B.</td>
</tr>
<tr>
<td>NTN7248A Leather Case with Belt Loop, D-rings and T-strap</td>
<td>NTN8036B Leather Case with 2.5 Inch High-Activity Swivel Belt Loop, D-rings and T-strap</td>
<td>NTN8063A High-Activity D-Button</td>
</tr>
<tr>
<td>NTN7247A Nylon Case with Belt Loop and Strap</td>
<td>NTN8038B Leather Case with 3 Inch High-Activity Swivel Belt Loop, D-rings and T-strap</td>
<td></td>
</tr>
</tbody>
</table>

Carrying Accessories

<table>
<thead>
<tr>
<th>T-Straps</th>
<th>High-Activity Belt Loops</th>
<th>Belt Clips</th>
</tr>
</thead>
<tbody>
<tr>
<td>NTN7782A T-Strap for Leather Carry Cases</td>
<td>NTN8039B 2.5 Inch High-Activity Swivel Belt Loop</td>
<td>2.5 Inch Belt Clip, Black</td>
</tr>
<tr>
<td>NTN7379A T-Strap for Nylon Carry Cases</td>
<td>NTN8040B 3 Inch High-Activity Swivel Belt Loop</td>
<td>3 Inch Belt Clip, Black Aluminum</td>
</tr>
</tbody>
</table>

You’d be surprised how much time can be saved in emergencies when each user’s radio is always in the same place — made easy by this versatile case selection of Motorola Original® carry accessories.

You’d be surprised how much time can be saved in emergencies when each user’s radio is always in the same place — made easy by this versatile case selection of Motorola Original® carry accessories.
Unlike rigid holders, the universal-fit RadioPAk is lightweight and comfortable. An ideal companion for two-way radios, as well as iDEN® portables and cellular phones.

**Universal Chest Pack**

Metromedia Original® Universal Chest Pack protects the radio and provides the freedom from holding it during standby communication mode. Universal Chest Pack fits virtually any radio.

**HLN6602A**

Universal Chest Pack with Radio Holder, Pen Holder and Velcro Secured Pouch

**150569202**

Replacement Strap for HLN6602A/RLN4570A

**Break-A-Way Chest Pack**

All the features of the original Universal Chest Pack (HLN6602A) plus break-a-way tabs that allow the entire pack to be pulled off with approximately 10 lbs. of pressure.

**RLN4570A**


**150569202**

Replacement Strap for HLN6602A/RLN4570A

**Universal RadioPAk™**

The RadioPAk is lightweight and comfortable. Worn around the waist, it keeps radios/phones at hand. It features a separate 6 x 8 inch zippered pouch for other on-the-job necessities. Adjustable woven nylon belt fits both men and women.

**RLN4815A**

RadioPAk Radio/Utility Case

**426588498**

RadioPAk Extension Belt

For waists larger than 40 inches.

**Waterproof Bag**

**HLN9861B**

Waterproof Bag with Large Strap

**Portable Radio Hangers**

Portable Radio Hangers slide over and hang from the vehicle door panel, allowing convenient, easy mounting. Radio belt clip required.

**TDN9327A**

Portable Radio Hanger for door panels up to 2.75 inches.

**TDN9373A**

Portable Radio Hanger for door panels 2.75 to 3.25 inches.
**Batteries**

**Premium Nickel Cadmium - NiCd**
- NTN7143CR NiCd, 1200 mAh, 7.5 Volt
- NTN7372AR NiCd, 1200 mAh, 7.5 Volt. Intrinsically Safe.
- NTN7147AR NiCd, 1300 mAh, 7.5 Volt. Intrinsically Safe.
- NTN7149BR NiCd, 1300 mAh, 7.5 Volt. CSA.
- NTN7150AR NiCd, 1200 mAh, 7.5 Volt. MSHA.
- NTN7341AR NiCd, 1400 mAh, 7.5 Volt. Intrinsically Safe.
- NTN7144CR NiCd, 1500 mAh, 7.5 Volt

**Premium Nickel Metal Hydride - NiMH**
- WPNN4013A NiMH, 2000 mAh, 7.5 Volt
- WPNN4037A NiMH, 1900 mAh, 7.5 Volt

**IMPRES™ NiCd Batteries**
IMPRES batteries, when used with an IMPRES charger, provide automatic, adaptive reconditioning, end-of-life display and other advanced features.

- HNN9028AR NiCd, 1500 mAh, 7.5 Volt
- HNN9029AR NiCd, 1500 mAh, 7.5 Volt. Intrinsically Safe.

**Battery Characteristics**

NiCd batteries provide the maximum number of charge/discharge cycles and are best suited for temperature extremes. NiMH batteries provide more talk-time per shift and are less prone to memory effect.

Li-ion batteries offer the best power-to-weight ratio of all chemistries, with no memory effect.

**Batteries**

PREMIUM NICKEL CADMIUM - NiCd
- NTN7372AR NiCd, 1200 mAh, 7.5 Volt. Intrinsically Safe.
- NTN7341AR NiCd, 1400 mAh, 7.5 Volt. Intrinsically Safe.

PREMIUM NICKEL METAL HYDRIDE - NiMH
- WPNN4013A NiMH, 2000 mAh, 7.5 Volt
- WPNN4037A NiMH, 1900 mAh, 7.5 Volt

IMPRES™ NiCd 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.

- HNN9028AR NiCd, 1500 mAh, 7.5 Volt
- HNN9029AR NiCd, 1500 mAh, 7.5 Volt. Intrinsically Safe.
Single-Unit, Compact, Rapid-Rate Chargers
These Chargers have the power supply built into the line cord giving the user a smaller base unit for easier storage. Utilizing an enhanced charging algorithm that will help maximize the life of batteries and they can rapid-rate charge both NiCd and NiMH batteries.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Voltage</th>
<th>Plug Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>RPX4747A</td>
<td>Compact Rapid-Rate Charger, 110 Volt, US Plug</td>
<td>110 Volt</td>
<td>US Plug</td>
</tr>
<tr>
<td>RPX4748A</td>
<td>Compact Rapid-Rate Charger, 220 Volt, Euro Plug</td>
<td>220 Volt</td>
<td>Euro Plug</td>
</tr>
<tr>
<td>RPX4749B</td>
<td>Compact Rapid-Rate Charger, 230 Volt, UK Plug</td>
<td>230 Volt</td>
<td>UK Plug</td>
</tr>
</tbody>
</table>

Motorola Conditioning Charger (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 in 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.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Voltage</th>
<th>Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>WPLN4090BR</td>
<td>Charger Kit, 110 Volt AC. Includes single-unit base and 7 Volt adapter plate.</td>
<td>110 Volt</td>
<td>WPLN4091BR</td>
</tr>
<tr>
<td>WPLN4091BR</td>
<td>Charger Kit, 220 Volt AC. Includes single-unit base and 7 Volt adapter plate.</td>
<td>220 Volt</td>
<td>WPPN4002BR</td>
</tr>
<tr>
<td>WPPN4002BR</td>
<td>110 Volt AC Single-Unit Base Charger Only</td>
<td>110 Volt</td>
<td>Adapter plates sold separately.</td>
</tr>
<tr>
<td>WPPN4006AR</td>
<td>220 Volt AC Single-Unit Base Charger Only</td>
<td>220 Volt</td>
<td>Adapter plates sold separately.</td>
</tr>
<tr>
<td>WPPN4004AR</td>
<td>7 Volt Adapter Plate</td>
<td>7 Volt</td>
<td>Adapter plates sold separately.</td>
</tr>
<tr>
<td>WPPN4005AR</td>
<td>Multi-Unit Conditioning Charger, 4-Station Base, 110 Volt.</td>
<td>110 Volt</td>
<td>Adapter plates sold separately.</td>
</tr>
</tbody>
</table>

Vehicular Mounting
RLN4814A  Vehicular Mounting Bracket and Hard Wire Cable for Single-Unit Motorola Conditioning Chargers Includes DC Hard Wire Cable 3080384M21.
3080384M21 DC Hard Wire Cable with 3 AH In-line fuse.

Vehicular Power Adapter
3080384G15 DC Vehicular Power Adapter
**IMPRES™ Smart Energy Systems**

Through the use of its advanced charging algorithm 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. Talk-time and cycle life are optimized and the need for manual maintenance programs is eliminated. Its advanced conditioning features allow batteries to be safely left on the charger for extended periods of time without incurring the damaging heat build-up which can decrease battery cycle life. 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 and supports multiple radio platforms including SABER, XTS and HT 1000 Series portables.

**IMPRES™ Single-Unit Chargers**

- WPLN4111AR IMPRES Single-Unit Charger, 110 Volt, US Plug
- WPLN4112AR IMPRES Single-Unit Charger, 220 Volt, Euro Plug
- WPLN4113AR IMPRES Single-Unit Charger, 240 Volt, UK Plug
- 5885254E01 Battery Adapter. Required for NTN4538DR, NTN4593DR, NTN7014BR and NTN8818A batteries.

**IMPRES™ Multi-Unit Chargers**

- WPLN4108BR IMPRES Multi-Unit Charger, 110 Volt, US Plug
- WPLN4109BR IMPRES Multi-Unit Charger, 220 Volt, Euro Plug
- WPLN4110BR IMPRES Multi-Unit Charger, 240 Volt, UK Plug
- 4385922B01 Battery Adapter. Required for NTN4538DR, NTN4593DR, NTN7014BR and NTN8818A batteries.
- NLN7967A Wall Mount for Multi-Unit Chargers

**IMPRES™ Multi-Unit Chargers with Display Modules**

Charger Display Modules provide powerful, “real time,” analyzing information for IMPRES batteries, including current charge status, battery mAh, percent rated capacity and battery voltage. Readout displays battery kit number, serial number and chemistry and the time remaining to complete the charge for NiCd and NiMH batteries. It also forecasts the number of cycles to next reconditioning and more.

- WPLN4130A IMPRES Multi-Unit Charger with Display Modules, 110 Volt, US Plug
- WPLN4131A IMPRES Multi-Unit Charger with Display Modules, 220 Volt, Euro Plug
- WPLN4132A IMPRES Multi-Unit Charger with Display Modules, 240 Volt, UK Plug
- 4385922B01 Battery Adapter. Required for NTN4538DR, NTN4593DR, NTN7014BR and NTN8818A batteries.
- NLN7967A Wall Mount for Multi-Unit Chargers

**IMPRES™ Individual Charger Display Module**

This module is compatible with the standard IMPRES™ Multi-Unit Charger WPLN4108BR, WPLN4109BR and WPLN4111BR. Up to 6 modules can be used per charger, one for each charging pocket. Includes detailed installation instructions.

- RLN5382A Charger Display Module for IMPRES Multi-Unit 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.

**IMPRES™ CD**

This CD provides an interactive guide to the IMPRES Charging System. It outlines the benefits and gives examples of application usage.

0180305J70 IMPRES CD
Battery Maintenance SystemPLUS (BMSPLUS)
Increase the useful life of your batteries. Using interchangeable battery adapters (sold separately), the BMSPLUS is capable of charging and discharging, analyzing, conditioning and cycle testing batteries. It supports NiCd, NiMH and Li-ion battery chemistries (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 BMSPLUS offers a 3-year warranty and includes serial printer* port (RS-232).

WPLN4079BR 6-Station BMSPLUS, 110 Volt AC, 50/60 Hz, US Plug
WPLN4080BR 6-Station BMSPLUS, 230 Volt AC, 50/60 Hz, Euro Plug
WPLN4081BR 6-Station BMSPLUS, 230 Volt AC, 50/60 Hz, UK Plug
WPPN4085AR BMSPLUS Li-ion Field Upgrade Kit.

WPLN4085AR Upgrades WPLN4079BR, WPLN4080BR, WPLN4081AR. Allows units to support Li-ion batteries.

NDN4005B 3-Station BMSPLUS, 110 Volt AC, 50/60 Hz
Does not support Li-ion or 3-cell batteries.

NDN4006B 3-Station BMSPLUS, 230 Volt AC, 50/60 Hz
Does not support Li-ion or 3-cell batteries.

*B compatible with the STAR Micronics SP200 series printers and other printers with STAR printer emulation. STAR Micronics printers are available through STAR Micronics distributors.

Battery Optimizing SystemII (BOS II)
No other battery analyzer matches the speed, accuracy, versatility and ease-of-use of the BOS II in providing powerful analyzing capabilities. 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. New enhancements include new navigation keys and an improved, more intuitive menu system. Regular use of the BOS II can optimize battery performance and help extend battery life, helping reduce battery replacement costs.

WPLN4124AR BOS II, 4-Station, 90-264 Volt AC, US Plug. Adapter Plates Required.
WPLN4125AR BOS II, 4-Station, 90-264 Volt AC, Euro/UK Plug. Adapter Plates Required.
RL72403 BOS II Battery Adapter.

• Quicktest™ diagnostic feature measures a battery’s state of health in approximately 2 to 5 minutes
• Supports NiCd, NiMH, Li-ion and SLA batteries
• Increased power programmable from 100 mAh to 4 Amps per station
• Programmable adapters allow customization of maintenance routines
• Proprietary reduction cycle restores NiCd and NiMH batteries
• Printer output for reports and labels with computer interface (Includes both 9-pin serial and 25-pin parallel ports)
• 100-Watt Universal Power Supply (110-240 VAC) provides up to 4 amps of power per station
• Interchangeable adapter plates accommodate nearly all Motorola two-way batteries and other major brands.
Those on the road love the convenience of a Vehicular Travel Charger. And no wonder, it helps assure that your radios are always good to go when you are—and there’s no need to hunt for an extra battery when you need to hit the road.

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.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>RLN4884B</td>
<td>Vehicular Travel Charger</td>
<td>Universal Mounting Bracket for RLN4884B. Includes screws and nylon strap cord.</td>
</tr>
<tr>
<td>RLN5914A</td>
<td>Universal Mounting Bracket</td>
<td></td>
</tr>
</tbody>
</table>

TRAVEL CHARGER TRANSFORMERS

- 2580500E05 Transformer, US, 120 Volt
- 2580500E06 Transformer, European, 230 Volt
- 2580500E07 Transformer, UK, 230 Volt
- 2580500E08 Transformer, Argentina, 220 Volt

Vehicular Charger
This 12 Volt DC charger is ideal for mobile use. It charges portable radio NiCd batteries in rapid-rate charge mode (less than 3 hours) until full charge is obtained and then switches to trickle charge mode. A micro-processor controls the charge rate. This durable unit comes with a metal mounting bracket and is PAC_RT compatible.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TDN9816A</td>
<td>Vehicular Charger</td>
</tr>
</tbody>
</table>
Flexible Whip
Flexible whip antennas have a one-piece finish and steel core for optimal radiation characteristics. They provide more comfort when the radio is worn on a belt.

- 8505241U05 6 Inch Flexible Whip Antenna, 403-520 MHz
- 8505241U03 7 Inch Flexible Whip Antenna, 806-889 MHz
- 8505241U04 7 Inch Flexible Whip Antenna, 764-870 MHz

Helical
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. The connector is made of plated brass material for long life.

- 8505644V01 6 Inch Helical Antenna, 136-151 MHz
- 8505644V02 6 Inch Helical Antenna, 151-162 MHz
- 8505644V03 6 Inch Helical Antenna, 162-174 MHz
- 8505644V04 3 Inch Helical Antenna, 403-435 MHz
- 8505644V05 3 Inch Helical Antenna, 435-470 MHz
- 8505644V06 3 Inch Helical Antenna, 470-520 MHz

Dipole
Dipole-molded Antennas are injection molded in lasting polyurethane. The wide skirt at the bottom of the connector protects against damaging environmental elements. The Dipole Antenna is ideal when strong and solid signal clarity is demanded.

- NAF4008B 8 Inch Dipole, 806-889 MHz
- 8505884R02 8 Inch Dipole, 896-941 MHz

Wideband
Wideband antennas are ideal when radios are used in different frequencies since one antenna will cover all ranges.

- 850518B01 8 Inch Wideband Antenna, 136-174 MHz

Stubby
This quarterwave stubby antenna is ideal when the radio is worn on a belt because the short antenna is non-obtrusive. This is a broad band antenna that can be used for both 800 MHz and 900 MHz applications.

- RADA194A 3.55 Inch Stubby Antenna, 150-162 MHz
- 8505241U06 4 Inch Stubby Antenna, 806-941 MHz
Police
Whether in hot pursuit or investigating a cold case, communication can be made much easier with a CommPort™ Integrated Microphone/Receiver System.

Fire
It takes two hands for climbing ladders and controlling hoses, and solutions like our Chest Pack provide both welcome freedom and valued protection in the heat of the action.

Emergency Response
First responders deserve first-class tools for communicating their position and conditions, and our Lightweight Headsets help everyone quickly and clearly get the message.

Security
From crowd control to answering an alarm signaling illegal entry, a Remote Speaker Microphone lets professionals respond instantly without the need to reach for the radio controls.
LTS 2000 analog radios blend simple operation and key operating features into a compact, lightweight design. Powerful yet easy to use, LTS 2000™ radios offer dual-mode operation that allows for communication on both conventional channels and private trunked channels — 90 modes in all. And the full APCO 16 feature set is included.

“This is Officer Swanson...

I need a tow truck at 1475 West Elm for abandoned vehicle towing.”
HMN9030A
Remote Speaker
Microphone is the dependable choice when you must be heard the first time.

In the case.
Out of the case.
In. Out.
It’s more efficient to leave a radio in place and wear a microphone on a uniform jacket or shirt collar — and Motorola Original® audio accessories make it possible.
essential communication...

Remote Speaker Microphone (RSM)
This compact, water-resistant unit allows radio users to talk and listen without removing the radio from the belt or case. Attaches securely onto shirt or collar with a swivel clip on the back of the unit. Includes 6-foot coiled cord and Push-to-Talk switch. Ideal for public safety personnel, or anyone who wears work gloves or uniforms. Intrinsically Safe (FM).

HMN9303A* Remote Speaker Microphone
HKN5094A* Replacement Coiled Cord for HMN9303A

Epaulet Strap
Black leather Epaulet Strap secures Remote Speaker Microphone to epaulet on shirt or jacket and accommodates back clip in leather cut-outs. Snap closure secures cord to allow reliable communications in hostile environments.

RLN4294A Epaulet Strap, Velcro
RLN4295A Epaulet Strap, with Clip

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 KIT
HMN9727B* Receive-Only Earpiece with Standard Earphone (1-Wire). Beige.
RLN4894A Receive-Only Earpiece with Standard Earphone (1-Wire). Black.

2-WIRE SURVEILLANCE KITS

Surveillance Kits - With Extended-Wear Comfort Earpiece
These kits include an extended-wear comfort earpiece with rubber ear tip and clear, comfortable acoustic tube. Users hear transmissions clearly, while the clear tube provides a discreet appearance.

RLN5317A Earpiece with Microphone and Push-to-Talk Combined (2-Wire). Beige
RLN5318A Earpiece with Microphone and Push-to-Talk Combined (2-Wire). Black

*Intrinsically Safe (FM)
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. Clothing clip prevents accessory from being pulled from the ear due to body movement or head rotation. For optimal performance, Extra Loud Earphones and Clear Comfortable Earpieces, both sold separately, are recommended for Noise Kits.

NTN8370A Extreme Noise Kit. Includes 2 foam earplugs. For high-noise environments. Noise reduction = 24dB.
NTN8371A Low Noise Kit - Clear Acoustic Tube Assembly. Includes 1 rubber eartip. For low noise environments, does not provide hearing protection.
5080369E39† Extra Loud Earphone. Beige.
5080370E91† Extra Loud Earphone. Black.

SURVEILLANCE REPLACEMENT ACCESSORIES
5080384F72 Replacement Foam Plugs. Pack of 50. For use with NTN8370A. Noise reduction rating = 24dB.
5080371E73 Replacement Foam Plugs. Pack of 25. For use with NTN8371A.
5080372E97 Replacement Standard Black Rubber Eartips. Pack of 25. For use with NTN8371A.

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 NTN8371A and all Surveillance Kits.

RLN4760A Small Custom Earpiece - Right Ear
RLN4761A Medium Custom Earpiece - Right Ear
RLN4762A Large Custom Earpiece - Right Ear
RLN4763A Small Custom Earpiece - Left Ear
RLN4764A Medium Custom Earpiece - Left Ear
RLN4765A Large Custom Earpiece - Left Ear

Flexible Ear Receiver
This black, receive-only earpiece contains a flexible earloop and speaker which rests external to the ear.
BDN6720A Flexible Ear Receiver
798872511 Replacement Foam Ear Cushion

Lightweight Headset
Lightweight headsets provide high-clarity, discreet two-way communication, while maintaining the comfort necessary for extended-wear in moderate noise environments. Adjusts for left or right ear operation. No adapter required.
RMN4016A* Single-Muff, Adjustable, Lightweight Headset with Boom Microphone and In-line PTT
REX4648A Replacement Foam Earpad and Windscreen for RMN4016A

*Intrinsically Safe
†Extra Loud Earphone (exceeds OSHA limits)
discreet communication...

Complete Discreet Wireless Earpiece Kit
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.

RLN4922A Completely Discreet Earpiece Kit
RLN4919A Replacement Earguards. 5 per pack.
RNN4005A Replacement 1.4 Volt Batteries. 6 per pack.

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

BDN6646C* EMS with PTT Interface. For standard noise levels (up to 95dB).
BDN6706B* EMS with Voice-Activated and PTT Interface

OPTIONAL ACCESSORIES FOR THE EMS
0180300E25 Earguard with Adjustable Loop
0180358B38* Remote Push-to-Talk Ring Switch
0180300E83* Remote Push-to-Talk Body Switch
0180358B34 Earholder. Black, size large. Secures Ear Microphone in ear.
4280369E44 Replacement Belt Clip with Screws
0180305J46 Training CD-ROM

*Intrinsically Safe
Leather and Nylon Carrying Cases

A variety of carrying accessories are available for comfort and convenience. The carrying cases are available in sizes designed to fit radios with a battery and permit audio to be heard clearly. Motorola carry cases were developed to meet the demands of public safety and other users who operate in the most rigorous of environments.

Leather cases are constructed of top grain, 8 ounce leather and all stainless steel hardware. High-activity cases have a swivel D-ring button and belt loop. To remove case from belt loop, rotate case 180 degrees and slide case upward, out of the holder. Case stays on belt more securely in high-activity applications while allowing the radio to swing freely with body movements.

STANDARD BELT LOOP CASES

- HLN8428A Leather DTMF Case with Belt Loop and D-rings
  For use with standard capacity battery.
- HLN8429A Leather DTMF Case with Belt Loop and D-rings
  For use with FM approved 1100 mAh battery.
- HLN8431A Leather DTMF Case with Belt Loop and D-rings
  For use with FM approved 600 mah slim battery.

HIGH-ACTIVITY SWIVEL CASES

- HLN8421A Leather DTMF Case with High-Activity Swivel Belt Loop
  For use with standard battery.
- HLN8426A Leather DTMF Case with High-Activity Swivel Belt Loop
  For use with FM approved 1100 mAh battery.
- HLN8427A Leather DTMF Case with High-Activity Swivel Belt Loop
  For use with FM approved 600 mah battery.

Carrying Accessories

HIGH-ACTIVITY BELT LOOPS

- NTN8039B 2.5 Inch High-Activity Swivel Belt Loop
- NTN8041B 3 Inch High-Activity Swivel Belt Loop

BELT CLIPS

- HLN8324A 2.5 Inch Belt Clip
- HLN8355B 3 Inch Spring Action Belt Clip

CARRYING STRAP

- NTN8243A Adjustable, Black Nylon Shoulder Strap
  Attaches to D-ring on case.

SWIVELLER

- TDN1002A Swiveller includes holster belt and strap.

MOLED CARRY HOLDERS

- HLN9076B Molded Carry Holder. For high capacity battery.
- HLN8044A Molded Carry Holder Strap. Snap closure.

You’d be surprised how much time can be saved in emergencies when each user’s radio is always in the same place — made easy by this versatile case selection of Motorola Original® carry accessories.
Universal Chest Pack
HLN6602A
has adjustable shoulder and waist straps.

Unlike rigid holders, the universal-fit RadioPAk is lightweight and comfortable. An ideal companion for two-way radios, as well as iDEN® portables and cellular phones.

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 virtually any radio.

- HLN6602A Universal Chest Pack with Radio Holder, Pen Holder and Velcro Secured Pouch
- 1505096202 Replacement Strap for HLN6602A/RLN4570A

Break-A-Way Chest Pack
All the features of the original Universal Chest Pack (HLN6602A) plus break-a-way tabs that allow the entire pack to be pulled off with approximately 10 lbs. of pressure.

- 1505096202 Replacement Strap for HLN6602A/RLN4570A

Universal RadioPAk™
The RadioPAk is lightweight and comfortable. Worn around the waist, it keeps radios/phones at hand. It features a separate 6 x 8 inch zippered pouch for other on-the-job necessities. Adjustable woven nylon belt fits both men and women.

- RLN4815A RadioPAk Radio/Utility Case
- 428336489 RadioPAk Extension Belt For waists larger than 40 inches.

Waterproof Bag
HLN9985B Waterproof Bag with Large Strap

Portable Radio Hangers
Portable Radio Hangers slide over and hang from the vehicle door panel, allowing convenient, easy mounting. Radio belt clip required.

- TDN9327A Portable Radio Hanger for door panels up to 2.75 inches
- TDN9373A Portable Radio Hanger for door panels 2.75 to 3.25 inches
Batteries and chargers

Battery Characteristics

NiCd batteries provide the maximum number of charge/discharge cycles and are best suited for temperature extremes.

NiMH batteries provide more talk-time per shift and are less prone to memory effect.

Li-ion batteries offer the best power-to-weight ratio of all chemistries, with no memory effect.

Batteries

Motorola Original® Batteries are ruggedly designed for lasting durability and system tested with Motorola two-way radios to ensure optimum performance.

<table>
<thead>
<tr>
<th>Battery Code</th>
<th>Capacity</th>
<th>Voltage</th>
<th>Charging Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>HNN9808B</td>
<td>600 mAh</td>
<td>7.5 Volt</td>
<td>Intrinsically Safe, Slim</td>
</tr>
<tr>
<td>HNN9628B</td>
<td>1200 mAh</td>
<td>7.5 Volt</td>
<td>Intrinsically Safe</td>
</tr>
<tr>
<td>HNN9701A</td>
<td>1100 mAh</td>
<td>7.5 Volt</td>
<td>Intrinsically Safe</td>
</tr>
</tbody>
</table>

Single-Unit, Rapid-Rate Chargers

The Single-Unit Intellicharger utilizes an enhanced charging algorithm that helps maximize the life of batteries. It can rapid-rate charge both NiCd and NiMH batteries in approximately one hour.

<table>
<thead>
<tr>
<th>Charger Code</th>
<th>Voltage</th>
<th>Plug Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>HTN9042A</td>
<td>120 Volt</td>
<td>US Plug</td>
</tr>
<tr>
<td>HTN9043A</td>
<td>220 Volt</td>
<td>Euro Plug</td>
</tr>
<tr>
<td>HTN9044A</td>
<td>240 Volt</td>
<td>UK Plug</td>
</tr>
</tbody>
</table>

Single-Unit Chargers

Single-unit standard chargers can charge NiCd batteries in approximately 16 hours.

<table>
<thead>
<tr>
<th>Charger Code</th>
<th>Voltage</th>
<th>Plug Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>HTN9702A</td>
<td>110 Volt</td>
<td>US Plug</td>
</tr>
<tr>
<td>HTN9804A</td>
<td>220 Volt</td>
<td>Euro Plug</td>
</tr>
<tr>
<td>HTN9805A</td>
<td>240 Volt</td>
<td>UK Plug</td>
</tr>
</tbody>
</table>

Multi-Unit Chargers (MUC)

Multiple unit chargers can be wall or rack mounted and are ideal for multiple shift operations. They can charge up to 6 batteries simultaneously and are available in a variety of voltages for domestic and international applications.

<table>
<thead>
<tr>
<th>Charger Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HTN9060A</td>
<td>6-Pocket, 1-Hour Rapid-Rate Charger 110 Volt - NiCd and NiMH batteries.</td>
</tr>
<tr>
<td>HTN9061A</td>
<td>6-Pocket, 90-Minute Rapid-Rate Charger 220 Volt - NiCd and NiMH batteries.</td>
</tr>
<tr>
<td>HTN9062A</td>
<td>6-Pocket, 90-Minute Rapid-Rate Charger 240 Volt - NiCd and NiMH batteries.</td>
</tr>
</tbody>
</table>

WALL MOUNT BRACKETS

<table>
<thead>
<tr>
<th>Bracket Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLN9203A</td>
<td>Wall Mount Bracket for 90-Minute Multi-Unit Chargers</td>
</tr>
<tr>
<td>HLN944A</td>
<td>Wall Mount Bracket for Multi-Unit Chargers</td>
</tr>
</tbody>
</table>
Motorola Conditioning Charger (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. Its patent-ed, 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.

WPPN4002BR Base Charge Unit, 110 Volt AC. Adapter plates sold separately.
WPPN4006AR Base Charge Unit, 220 Volt AC. Adapter plates sold separately.
WPPN4003CR Adapter Plate Only, 7 Volt
WPPN4008CR Charger Kit, 110 Volt AC. Includes Single-Unit base and 7 Volt adapter plate.
WPPN4083CR Charger Kit, 220 Volt AC. Includes Single-Unit base and 7 Volt adapter plate.
WPPN4065BR Multi-Unit Conditioning Charger, 4-Station Base, 110 Volt. Adapter plates sold separately.

Vehicular Mounting
RLN4814A Vehicular Mounting Bracket and DC Hard Wire Cable For Single-Unit Motorola Conditioning Chargers. 3080384M21
DC Hard Wire Cable with 3 Ah In-line fuse.

Vehicular Power Adapter
3080384G15 Vehicular Power Adapter

Vehicular Travel Charger
A great traveling companion that ensures constant communication while on the road. Allows rapid charging of the battery while using the radio. Users can talk immediately once the charger is connected and transmit from a previously “dead” battery in just 5 minutes. Includes voltage regulated adapter, custom charger base, mounting bracket and coil cord. Ideal for public safety, utility and construction markets.
RLN4803A Vehicular Travel Charger
RLN4814A Vehicular Travel Charger Mounting Bracket Kit Includes screws and nylon strap cord.

TRAVEL CHARGER TRANSFORMERS
2580606E05 Transformer, US, 120 Volt
2580606E06 Transformer, European, 230 Volt
2580606E07 Transformer, UK, 230 Volt
2580606E08 Transformer, Argentina, 220 Volt

Vehicular Charger Adapter
The Vehicular Charger Adapter is designed to easily charge batteries in a vehicle by adapting a single-unit, rapid-rate charger to the vehicular power adapter. Ideal for frequent travelers.
HLN9718A Vehicular Charger and Bracket, 12 Volt For use with HTN0042A, HTN0043A, HTN0044A.
Battery Maintenance SystemPLUS (BMSPLUS)

Increase the useful life of your batteries. Using interchangeable battery adapters (sold separately), the BMSPLUS is capable of charging and discharging, analyzing, conditioning and cycle testing batteries. It supports NiCd, NiMH and Li-ion battery chemistries (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 BMSPLUS offers a 3-year warranty and includes serial printer* port (RS-232).

WPLN4079BR 6-Station BMSPLUS, 110 Volt AC, 50/60 Hz, US Plug
WPLN4080BR 6-Station BMSPLUS, 230 Volt AC, 50/60 Hz, Euro Plug
WPLN4081BR 6-Station BMSPLUS, 230 Volt AC, 50/60 Hz, UK Plug
WPLN4085AR BMSPLUS Li-ion Field Upgrade Kit. Upgrades WPLN4079AR, WPLN4080AR, WPLN4081AR.

Battery Maintenance SystemPLUS Adapters

TDN9437A Adapter, for use with HNN9701A batteries
TDN9662A Adapter, for use with HNN9628A
TDN9438A Adapter, for use with HNN9808B

*Compatible with the STAR Micronics SP200 series printers and other printers with STAR printer emulation. STAR Micronics printers are available through STAR Micronics distributors.

NDN4005B 3-Station BMS, 110 Volt AC, 50/60 Hz
Does not support Li-ion or 3-cell batteries.

NDN4006B 3-Station BMS, 230 Volt AC, 50/60 Hz
Does not support Li-ion or 3-cell batteries.
Battery Optimizing System II (BOS II)

No other battery analyzer matches the speed, accuracy, versatility and ease-of-use of the BOS II in providing powerful analyzing capabilities. 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. New enhancements include new navigation keys and an improved, more intuitive menu system. Regular use of the BOS II can optimize battery performance and help extend battery life, helping reduce battery replacement costs.

WPLN4124AR  BOS II, 4-Station, 90-264 Volt AC, US Plug, Adapter Plates Required.
WPLN4125AR  BOS II, 4-Station, 90-264 Volt AC, Euro/UK Plug, Adapter Plates Required.
RL71883  Standard Adapter

- Quicktest™ diagnostic feature measures a battery’s state of health in approximately 2 to 5 minutes
- Supports NiCd, NiMh, Li-ion and SLA batteries
- Increased power-programmable from 100mAh to 4 Amps per station
- Programmable adapters allow customization of maintenance routines
- Proprietary reduction cycle restores NiCd and NiMh batteries
- Printer output for reports and labels with computer interface (Includes both 9-pin serial and 25-pin parallel ports)
- 100-Watt Universal Power Supply (110-240 VAC) provides up to 4 amps of power per station
- Interchangeable adapter plates accommodate nearly all Motorola two-way batteries and other major brands batteries
Antenna Characteristics

Heliflex antennas are engineered for maximum output and coverage.

Stubby antennas are non-obtrusive, ideal for wearing the radio on a belt.

Whip antennas are one-piece with a steel core for optimal radiation.
**Flexible Whip**
Flexible whip antennas have a one-piece finish and steel core for optimal radiation characteristics. They provide more comfort when the radio is worn on a belt.

8505241U03  7 Inch Flexible Whip Antenna, 806-869 MHz

**Stubby**
This quarterwave stubby antenna is ideal when the radio is worn on a belt because the short antenna is non-intrusive. This is a broadband antenna that can be used for both 800 MHz and 900 MHz applications.

8505241U06  4 Inch Stubby Antenna, 806-941 MHz
Public Safety
When professionals need their hands free for important tasks, a Visor Microphone and foot-operated Push-to-Talk switch are the right solution.

Customer Service
One day you’re in the field. The next day has you behind a desk. Control Station Accessories make it easy to convert your radio for inside use.

Private Transportation
Maximizing passenger safety is a number one priority, and an Emergency Switch is a ready solution when an alarm or help message needs to be sent.

Delivery Fleets
Hear one number wrong, and an important package won’t get where it’s needed on time. An External Speaker can help make everything clear under noisy conditions.
full-featured analog operation with the features users want most...

MCS 2000™ mobile radios can deliver both narrow band and broad band operation in a compact, space-saving footprint. All models are compatible with Motorola MTS 2000 portable radios, so they can serve as the heart of a truly integrated solution.
Microphones and Accessories

**HMN4069E** Standard White Palm Microphone
**HMN4072E** Classic White Palm Microphone
**NMN6210D** 3 x 4 Button Keypad Microphone
  Includes three additional programmable buttons.
**GMN6147B** Noise Cancelling Microphone
  Includes three additional programmable buttons.
**HMN1085B** Handset with Hang Up Cup

Microphone Adapter Cables

Adapter cables allow a second microphone to be added via a mobile accessory connector. This requires adding a second Push-to-Talk microphone HMN4069E or HMN4072E, both sold separately.

**HKN6129A** 17-Foot Adapter Cable
For second microphone.
**HKN6130A** 40-Foot Adapter Cable
For second microphone.

Hands-Free Mobile Accessories

The Gooseneck Push-to-Talk and Foot Switch Push-to-Talk allow mobile users hands-free communication options.

**FMN1611C** Dash Mount Visor Microphone
  Requires GLN7279A or GLN7278B.
**HKN616A** 1-Foot Adapter Cable
**HKN1073A** Remote Mount Visor Microphone
  Requires GLN7279A or GLN7278B.
**GLN7279A** Gooseneck Push-to-Talk
  Attaches to vehicle steering column.
**GLN7278B** Foot Switch Push-to-Talk

Siren and Public Address Speakers

**HSN4038A** 7.5-Watt External Water Resistant Speaker
  Requires adapter cable HKN6127A for dash mount.
**HSN4039A** 13-Watt External Water Resistant Remote Speaker
  Requires adapter cable HKN6127A for dash mount.
**HKN6127A** Speaker Adapter Cable

INSTALLATION ACCESSORIES

**HLN6356B** Installation Hardware Kit
**GKN6263A** Ignition Sense Cable
Control Station accessories make the MCS 2000 a desktop command center. From left to right are Desktop Microphone HMN1038E, Control Station Power Supply HPN4007A, Control Station Tray HLN6405A.

Control Station Accessories
- HMN1038E Desk Microphone, Beige.
- HMN3000B Desk Microphone, Black.
- HLN6404A Desk Tray with Speaker, Low Power. For use with Models II and III.
- HLN6405A Desk Tray without Speaker, Low Power. For use with Model I.
- HPN4008B Power Supply, Low Power.
- HLN6688B Desk Tray with Speaker, Mid Power. For use with Models II & III.
- HLN6581A Desk Tray without Speaker, Low Power. For use with Model I.
- HPN4007A Power Supply, High Power.

Emergency Switches
These switches enable the user to send an emergency message to a console where their unit # can be displayed and an alarm sounded.
- HLN5138B Emergency Foot Switch.

Miscellaneous Accessories
- GLN7262A Alarm Buzzer.
- HLN6424A Alarm Relay and Cable.
- HLN6372A Key Lock Mount.
- HLN6128A Ignition Switch Cable.
- GKN6263B Car Radio Mute Cable.
A communication system is only as good as the mobile antennas used to transmit and receive — so whenever lives are on the line Motorola Original® accessories should be the go-to choice.

**Remote Mount Kits**
Converts a low or mid-power radio from dash to remote mount. Includes 17-foot control head cable, 20-foot power cable, 40-foot power cable, control head back plate and mounting hardware, front plate for the transceiver and an adapter for the speaker.

H1634A Remote Mount Retrofit Kit. For use with Model I.
H1625A Remote Mount Retrofit Kit. For use with Model II and III.

**REMOTE MOUNT KIT ACCESSORIES**
HKN6111B 10-Foot Control Head Cable
HKN6112B 15-Foot Control Head Cable
HKN6113B 22-Foot Control Head Cable
HKN6118B 40-Foot Control Head Cable

**Power Cables**
HKN4191B 10-Foot, Low/Mid Power Cable
HKN4192B 20-Foot, Low/Mid Power Cable

**cables and antennas**
### Low Profile Antennas

<table>
<thead>
<tr>
<th>Antenna Code</th>
<th>Frequency Range</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RAE4162A</td>
<td>410-430 MHz, 3dBi Gain</td>
<td>White</td>
</tr>
<tr>
<td>RAE4163A</td>
<td>430-450 MHz, 3dBi Gain</td>
<td>Black</td>
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<tr>
<td>RAE4164A</td>
<td>430-450 MHz, 3dBi Gain</td>
<td>Black</td>
</tr>
<tr>
<td>RAE4165A</td>
<td>430-450 MHz, 3dBi Gain</td>
<td>White</td>
</tr>
<tr>
<td>RAE4166A</td>
<td>450-470 MHz, 3dBi Gain</td>
<td>Black</td>
</tr>
<tr>
<td>RAE4167A</td>
<td>450-470 MHz, 3dBi Gain</td>
<td>Black</td>
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<tr>
<td>RAE4168A</td>
<td>450-470 MHz, 3dBi Gain</td>
<td>White</td>
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<tr>
<td>RAE4169A</td>
<td>470-490 MHz, 3dBi Gain</td>
<td>White</td>
</tr>
<tr>
<td>RAF4217A</td>
<td>821-896 MHz, 3dBi Gain</td>
<td>Black</td>
</tr>
<tr>
<td>RAF4218A</td>
<td>821-896 MHz, 3dBi Gain</td>
<td>Black</td>
</tr>
<tr>
<td>RAF4219A</td>
<td>806-866 MHz, 3dBi Gain</td>
<td>Black</td>
</tr>
<tr>
<td>RAF4220A</td>
<td>806-866 MHz, 3dBi Gain</td>
<td>White</td>
</tr>
</tbody>
</table>

### Low Profile Antenna Kits

Includes 3/4 Brass Mount and 17-foot RG58U Solid Center Conductor Cable.

<table>
<thead>
<tr>
<th>Antenna Code</th>
<th>Frequency Range</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>RAE4162ARB</td>
<td>410-430 MHz, 3dBi Gain</td>
<td>Roof Mount</td>
</tr>
<tr>
<td>RAE4163ARB</td>
<td>430-450 MHz, 3dBi Gain</td>
<td>Roof Mount</td>
</tr>
<tr>
<td>RAE4164ARB</td>
<td>430-450 MHz, 3dBi Gain</td>
<td>Roof Mount</td>
</tr>
<tr>
<td>RAE4165ARB</td>
<td>430-450 MHz, 3dBi Gain</td>
<td>Roof Mount</td>
</tr>
<tr>
<td>RAE4166ARB</td>
<td>450-470 MHz, 3dBi Gain</td>
<td>Roof Mount</td>
</tr>
<tr>
<td>RAE4167ARB</td>
<td>450-470 MHz, 3dBi Gain</td>
<td>Roof Mount</td>
</tr>
<tr>
<td>RAE4168ARB</td>
<td>450-470 MHz, 3dBi Gain</td>
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<tr>
<td>RAE4169ARB</td>
<td>470-490 MHz, 3dBi Gain</td>
<td>Roof Mount</td>
</tr>
<tr>
<td>RAF4217ARB</td>
<td>821-896 MHz, 3dBi Gain</td>
<td>Roof Mount</td>
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<tr>
<td>RAF4218ARB</td>
<td>821-896 MHz, 3dBi Gain</td>
<td>Roof Mount</td>
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<tr>
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<td>806-866 MHz, 3dBi Gain</td>
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<tr>
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<td>806-866 MHz, 3dBi Gain</td>
<td>Roof Mount</td>
</tr>
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### Antennas

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<tr>
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<th>Frequency Range</th>
<th>Description</th>
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<tbody>
<tr>
<td>HAF4002A</td>
<td>806-900 MHz, 1/4 Wave</td>
<td>Roof Mount</td>
</tr>
<tr>
<td>RA4983A</td>
<td>806-900 MHz, 3dBi</td>
<td>Roof Mount</td>
</tr>
<tr>
<td>RAF4003A</td>
<td>890-960 MHz, 3dBi</td>
<td>Roof Mount with 14 ft. Cable</td>
</tr>
<tr>
<td>RAF4003A/RM</td>
<td>890-960 MHz, 3dBi</td>
<td>Roof Mount with 22 ft. Low Loss Cable</td>
</tr>
<tr>
<td>HAD4006A</td>
<td>136-144 MHz, 1/4 Wave</td>
<td>Roof Mount</td>
</tr>
<tr>
<td>HAD4007A</td>
<td>144-152 MHz, 1/4 Wave</td>
<td>Roof Mount</td>
</tr>
<tr>
<td>HAD4008A</td>
<td>150-162 MHz, 1/4 Wave</td>
<td>Roof Mount</td>
</tr>
<tr>
<td>HAD4009A</td>
<td>162-174 MHz, 1/4 Wave</td>
<td>Roof Mount</td>
</tr>
<tr>
<td>RAD4010A/R</td>
<td>136-174 MHz, 3dBi</td>
<td>Roof Mount</td>
</tr>
<tr>
<td>HAE4003A</td>
<td>403-430 MHz, 1/4 Wave</td>
<td>Roof Mount</td>
</tr>
<tr>
<td>HAE4003A/A</td>
<td>450-470 MHz, 1/4 Wave</td>
<td>Roof Mount</td>
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<tr>
<td>HAE4004A</td>
<td>470-512 MHz, 1/4 Wave</td>
<td>Roof Mount</td>
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<tr>
<td>HAE4010A</td>
<td>406-420 MHz, 3.5dBi</td>
<td>Roof Mount</td>
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<tr>
<td>HAE4011A</td>
<td>450-470 MHz, 3.5dBi</td>
<td>Roof Mount</td>
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<tr>
<td>HAE4012A</td>
<td>470-496 MHz, 3.5dBi</td>
<td>Roof Mount</td>
</tr>
<tr>
<td>HAE4013A</td>
<td>494-512 MHz, 3.5dBi</td>
<td>Roof Mount</td>
</tr>
<tr>
<td>RAF4220A</td>
<td>806-866 MHz, 3dBi</td>
<td>Roof Mount</td>
</tr>
</tbody>
</table>

### Antenna Mounts

<table>
<thead>
<tr>
<th>Mount Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>3080384M44</td>
<td>Black Magnetic With 12 ft. RG58/U Cable, Mini-UHF Crimp</td>
</tr>
<tr>
<td>3080384M45</td>
<td>Chrome Magnetic With 12 ft. RG58/U Cable, Mini-UHF Crimp</td>
</tr>
<tr>
<td>3080384M46</td>
<td>Chrome Trunk Mount With 17 ft. RG58/U Cable, Mini-UHF Crimp</td>
</tr>
<tr>
<td>3080384M47</td>
<td>Black Trunk Mount With 17 ft. RG58/U Cable, Mini-UHF Crimp</td>
</tr>
<tr>
<td>3080384M48</td>
<td>3/4 Roof Mount With 17 ft. RG58/U Cable, Mini-UHF Crimp</td>
</tr>
</tbody>
</table>
Public Safety
When professionals need to transmit numeric data as well as voice, a Full Size DTMF Microphone is easy to use and comfortable to hold.

Customer Service
One day you’re in the field. The next day has you behind a desk. Control Station Accessories make it easy to convert your radio for inside use.

Private Transportation
Maximizing passenger safety is a number one priority, and an Emergency Switch is a ready solution when an alarm or help message needs to be sent.

Delivery Fleets
Hear one number wrong, and an important package won’t get where it’s needed on time. An External Speaker can help make everything clear under noisy conditions.

GTX and LCS 2000 mobiles
simple two-way communication with capabilities that are anything but...

GTX and LCS 2000™ mobile radios are easy to use, yet pack a lot of performance into their compact, space-saving footprint. Offering both local and wide-area coverage, these models deliver advanced functionality that meets a variety of communication needs.
audio and control station

Microphones
- HMN3013A Standard Compact Microphone
- HMN1035C Full Size Palm Microphone
- HMN3013B Non-Backlit, Full Size DTMF Microphone

Mounting Bracket
- GLN7317A Non-Locking Bracket

Cables
- GKN6270A Standard Power Cable
- GKN6271A Ignition Switch Cable

Alarms
- GKN6272AR External Alarm Relay Cable Kit
- GLN7323A Emergency Foot Switch

External Speaker
- Provides audio for high ambient noise environments.
- FSN5510A 7.5 Watt External Speaker
- HKN8510B Installation Hardware Kit
Control Station
Converts the mobile radio for desktop use for dispatch purposes. Includes adapter cable, base tray, black desk microphone and power supply.

HLN3067B Low Power Control Station Package

CONTROL STATION ACCESSORIES
HPN4008B Power Supply, Low Power
HKN6405A Desk Tray without Speaker
HMN3000B Desk Microphone
HKN9088B Adapter Cable

Control Station accessories make the LCS 2000 mobile a desktop command center. Shown here is the Low Power Control Station Package HLN3067B which includes adapter cable, base tray, black desk microphone and power supply.
A communication system is only as good as the mobile antennas used to transmit and receive — so whenever lives are on the line Motorola Original® accessories should be the go-to choice.
### Antenna Mounts

- **Black Magnetic with 12 ft. RG58/U Cable, Mini-UHF Crimp**
- **Chrome Magnetic with 12 ft. RG58/U Cable, Mini-UHF Crimp**
- **Chrome Trunk Mount with 17 ft. RG58/U Cable, Mini-UHF Crimp**
- **3/4 Roof Mount with 17 ft. RG58/U Cable, Mini-UHF Crimp**

### Antenna Adapters

- **Mini UHF to UHF Adapter Cable**
- **Mini UHF Antenna Connector**
- **Mini UHF to BNC Connector**

### Antennas

#### 800 MHz
- **HAF4002A** 806-808 MHz, 1/4 Wave Roof Mount Antenna
- **RAA8914B** 806-808 MHz, 3dB Stainless Steel Roof Mount Antenna
- **RAA8910A** 806-808 MHz, 3dB Black Chrome Roof Mount Antenna
- **RAA883A** 806-808 MHz, 3dB, Roof Mount Antenna, Low Loss.
- **RAA886A** 806-808 MHz, 3dB Black Chrome Roof Mount Antenna, Low Loss

#### 300 MHz
- **RAA895A** 890-896 MHz, 3dB Roof Mount Antenna with 14 ft. Cable
- **RAF4200ARM** 890-896 MHz, 3dB Roof Mount Antenna with 22 ft. Low Loss Cable

### Low Profile Antennas

- **RAE4162A** 410-430 MHz, 3dB Gain Antenna
- **RAE4163A** Black 410-430 MHz, 3dB Gain Antenna
- **RAE4164A** Black 430-450 MHz, 3dB Gain Antenna
- **RAE4165A** White 430-450 MHz, 3dB Gain Antenna
- **RAE4166A** Black 470-490 MHz, 3dB Gain Antenna
- **RAE4171A** White 490-510 MHz, 3dB Gain Antenna
- **RAE4169A** Black 495-510 MHz, 3dB Gain Antenna
- **RAE4168A** White 495-510 MHz, 3dB Gain Antenna

### Low Profile Antennas Kits

Includes 3/4 Brass Mount and 17-foot RG58U Solid Center Conductor Cable.

- **RAE4162ARB** 410-430 MHz, 3dB Gain Roof Mount Antenna
- **RAE4163ARB** Black 410-430 MHz, 3dB Gain Roof Mount Antenna
- **RAE4164ARB** Black 430-450 MHz, 3dB Gain Roof Mount Antenna
- **RAE4165ARB** White 430-450 MHz, 3dB Gain Roof Mount Antenna
- **RAE4166ARB** Black 470-490 MHz, 3dB Gain Roof Mount Antenna
- **RAE4167ARB** White 490-510 MHz, 3dB Gain Roof Mount Antenna
- **RAE4168ARB** Black 495-510 MHz, 3dB Gain Roof Mount Antenna
- **RAE4169ARB** White 495-510 MHz, 3dB Gain Roof Mount Antenna

- **RAF4217ARB** White 811-896 MHz, 3dB Gain Antenna
- **RAF4218ARB** Black 811-896 MHz, 3dB Gain Antenna
- **RAF4219ARB** Black 806-866 MHz, 3dB Gain Antenna
- **RAF4219AB** White 806-866 MHz, 3dB Gain Antenna

### Low Profile Antennas 800 MHz

- **RAF4217A** 811-896 MHz, 3dB Gain Antenna
- **RAF4218A** Black 811-896 MHz, 3dB Gain Antenna
- **RAF4219A** Black 806-866 MHz, 3dB Gain Antenna
- **RAF4219AB** White 806-866 MHz, 3dB Gain Antenna

- **RAF4217ARM** White 821-896 MHz, 3dB Gain Antenna
- **RAF4218RM** Black 821-896 MHz, 3dB Gain Antenna
- **RAF4219RM** Black 806-866 MHz, 3dB Gain Antenna
- **RAF4219AARM** White 806-866 MHz, 3dB Gain Antenna
Call us and order today...

PHONE: 1-800-422-4210
TTY PHONE: 1-866-522-5210
US FEDERAL GOVERNMENT: 1-800-826-1913
FAX: 1-800-622-6210
MOTOROLA ONLINE USERS: http://motorola.com/businessonline