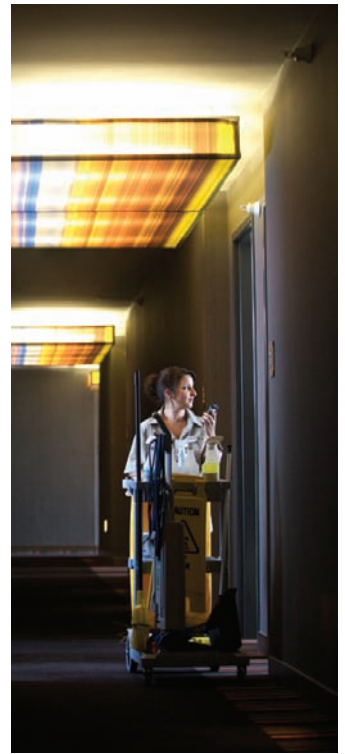


MOTOROLA ACCESSORIES AND BATTERIES



DISCONTINUED PORTABLE AND MOBILE TWO-WAY RADIOS



DISCONTINUED RADIOS : AVAILABLE ACCESSORIES

HT 1000, JT 1000, MTX 8000 AND MTX 9000 PORTABLES
VISAR PORTABLES
MAXTRAC AND MARATRAC MOBILES

THESE DEPENDABLE RADIOS CONTINUE TO PROVIDE A RELIABLE SOLUTION FOR BUSINESS COMMUNICATION.

HT 1000, JT 1000, MTX 8000 AND MTX 9000 PORTABLE RADIOS

With our dedication to continual improvement, we discontinue Motorola portable radio models from time to time—but the durability and ease of use you’ve come to expect stays intact. So with the right Motorola Original accessories, you can help ensure your radio will continue to meet your needs for a long time to come. The accessories for these radios are also compatible with MT 2000 and MTS 2000.

VISAR PORTABLE RADIOS

The discontinued VISAR is still one of the smallest full power, fully featured two-way radios around. It will fit comfortably into the palm of your hand or in your pocket, with the same output power as a radio twice its size. You have the immediate communication of a paging system with the instant response of a two-way radio.

MAXTRAC AND MARATRAC MOBILE RADIOS

The discontinued MAXTRAC is a compact, synthesized mobile radio that continues to fit comfortably in today’s downsized vehicles, and provides up to 32 channel operation and wide-spaced channel separation.

With the small control head of the two-piece MARATRAC mobile radio, you can continue to mount the unit anywhere in a vehicle. Dedicated buttons provide easy control of features like scan, multiple Private Line codes, signalling calls, external alarms and repeater Talkaround.



HT 1000™

JT 1000™

MTX 8000™

MTX 9000™

VISAR

MAXTRAC

MARATRAC



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. You can be sure that each will be ready to do its job, time after time—helping to increase your productivity.

DISCONTINUED RADIOS : AVAILABLE ACCESSORIES

HT 1000, JT 1000, MTX 8000 AND MTX 9000 PORTABLES

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 of 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.



PMMN4038
Remote Speaker
Microphone, IP57



PMMN4051
Remote Speaker
Microphone
with 3.5mm
audio jack



PMMN4045
Noise-Canceling
Remote Speaker
Microphone

MICROPHONES

WINDPORTING REMOTE SPEAKER MICROPHONES

Both have a coiled cord, push-to-talk switch, swivel clip, and quick disconnect latch.

- | | |
|-----------------------|---|
| PMMN4038 ¹ | Remote Speaker Microphone, IP57 |
| PMMN4051 ¹ | Remote Speaker Microphone with 3.5mm audio jack |

NOISE-CANCELING REMOTE SPEAKER MICROPHONE

Includes a 3.5mm earjack, swivel clip and quick disconnect latch. Adapter NNTN4285 required.

- | | |
|-----------------------|---|
| PMMN4045 ¹ | Noise-Canceling Remote Speaker Microphone |
| 0104010J46 | Replacement Coil Cord Assembly for canceled Remote Speaker Microphones NMN6191 and NMN6193. |

EPAULET STRAPS

Black leather epaulet straps secure 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.

- | | |
|---------|--------------------------|
| RLN4294 | Epaulet Strap, Velcro |
| RLN4295 | Epaulet Strap, with Clip |



RLN4294

RLN4295

*Intrinsically Safe with FM approved radio.
Not all features available on all microphones.

DISCONTINUED RADIOS: AVAILABLE ACCESSORIES

HT 1000, JT 1000, MTX 8000 AND MTX 9000 PORTABLES



MICROPHONES, ACCESSORIES AND HEADSETS



NMN6228
Noise-Canceling
Public Safety
Microphone

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.

- NMN6228¹ Noise-Canceling Public Safety Microphone with 30 Inch Straight Cord
- NMN6243¹ Noise-Canceling Public Safety Microphone with 18 Inch Straight Cord
- NMN6244¹ Noise-Canceling Public Safety Microphone with 24 Inch Straight Cord

RSM 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. Features 3.5mm threaded earjack.

- AARLN4885¹ Receive-Only Covered Earbud with Coiled Cord.
- PMLN4620¹ D-Style Earpiece with 3.5mm Plug. Receive only.
- RLN4941¹ Receive-Only Earpiece with Translucent Tube and Rubber Eartip
- WADN4190¹ Receive-Only Flexible Earpiece

MICJACKETS

MicJackets provide speaker microphone users with a way to further protect the "head" of their microphone from dust, dirt, metal particles, sweat, body oils and other on-the-job grime. MicJackets also help make handling and interacting with the speaker microphone more hygienic.

- RLN5004 MicJacket-PSM. Fits NMN6228, NMN6243 and NMN6244.



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 BDN6676.

- RMN4056 Receive-Only, Dual-Muff, Headband Style Headset. For use with 3.5mm threaded jack. Noise reduction = 24dB.
- RMN4057 Receive-Only, Dual-Muff, Hardhat Headset. Mounts easily to hardhats with slots. For use RSMs and PSMs with 3.5mm threaded jack. Noise reduction = 22dB.
- BDN6676¹ 3.5mm Adapter with Quick Disconnect Latch



RMN4056
Receive-Only, Dual-Muff
Headset

Remote and Public Safety Microphones

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



AARLN4885
Receive-Only Covered Earbud



PMLN4620
D-Style Earpiece



RLN4941
Receive-Only
Earpiece



WADN4190
Receive-Only
Flexible
Earpiece

MicJackets

MicJackets provide a way to further protect the "head" of the microphone from dust, dirt, metal/particles, sweat, body oils and other on-the-job grime.

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DISCONTINUED RADIOS : AVAILABLE ACCESSORIES

HT 1000, JT 1000, MTX 8000 AND MTX 9000 PORTABLES

SURVEILLANCE KITS

SURVEILLANCE KITS

Surveillance accessories allow the radio user to privately receive messages with the earpiece and are ideal when environments require discreet communication. These surveillance accessories require the 3.5mm threaded audio adapter PMLN4455 that attaches to the radio, unless being used with a remote speaker microphone.

BDN6726 ¹	RECEIVE-ONLY SURVEILLANCE KITS Receive-Only Earpiece, black.
BDN6727 ^{1,2}	Extra Loud Receive-Only Earpiece with Standard Earphone, black.
BDN6664 ¹	Receive-Only Earpiece, beige.
BDN6665 ^{1,2}	Extra Loud Receive-Only Earpiece, beige.
BDN6666 ^{1,2}	Receive-Only Earpiece with Volume Control and Earloop, beige.
BDN6728 ¹	Receive-Only Earpiece with Volume Control and Earloop, black.
BDN6667 ¹	2 - WIRE SURVEILLANCE KITS Earpiece with Microphone and Push-to-Talk Combined, beige.
BDN6669 ^{1,2}	Extra Loud Earpiece with Microphone and Push-to-Talk Combined, beige.
BDN6729 ¹	Earpiece with Microphone and Push-to-Talk Combined, black.
BDN6731 ²	Extra Loud Earpiece with Microphone and Push-to-Talk Combined, black.

BDN6668 ¹	3 - WIRE SURVEILLANCE KITS Earpiece with Microphone and Push-to-Talk Separate, beige.
BDN6670 ^{1,2}	Extra Loud Earpiece with Microphone and Push-to-Talk Separate, beige.
BDN6730 ¹	Earpiece with Microphone and Push-to-Talk Separate, black.
BDN6732 ²	Extra Loud Earpiece with Microphone and Push-to-Talk Separate, black.

PMLN4455 ¹	SURVEILLANCE REPLACEMENT ACCESSORIES 3.5mm Threaded Audio Adapter
BDN6676 ¹	3.5mm Audio Adapter with Quick Disconnect Latch
5080370E97	Replacement Standard Rubber Eartips, Clear. Pack of 25.

SURVEILLANCE KITS—WITH EXTENDED-WEAR COMFORT EARPIECE

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

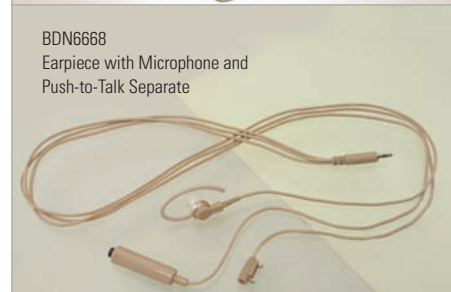
RLN5314	Receive-Only Comfort Earpiece, beige.
RLN5313	Receive-Only Comfort Earpiece, black.
RLN5311	Earpiece with Microphone and Push-to-Talk Combined, beige.
RLN5312	Earpiece with Microphone and Push-to-Talk Combined, black.



BDN6664
Receive-Only
Earpiece



BDN6667
Earpiece with
Microphone and
Push-to-Talk Combined



BDN6668
Earpiece with Microphone and
Push-to-Talk Separate



BDN6676
3.5mm Audio Adapter with Quick
Disconnect Latch



RLN5313
Receive-Only Comfort Earpiece



RLN5311
Earpiece with Microphone and
Push-to-Talk Combined



RLN5312
Earpiece with Microphone
and Push-to-Talk Combined

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²Extra Loud Earphone (exceeds OSHA limits).

DISCONTINUED RADIOS: AVAILABLE ACCESSORIES

HT 1000, JT 1000, MTX 8000 AND MTX 9000 PORTABLES



NOISE KITS AND AUDIO ACCESSORIES

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 ²	Extra Loud Earphone, beige.
5080370E91 ²	Extra Loud Earphone, black.

REPLACEMENT ACCESSORIES

RLN6242	Quick Disconnect Acoustic Tube Replacement
5080384F72	Replacement Foam Plugs. For RLN6230 and RLN6231. Noise reduction = 24dB. Pack of 50.
5080370E97	Replacement Standard Clear Rubber Eartips. Pack of 25. For RLN6232 and RLN6241.

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 Motorola Noise and Surveillance Kits.

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

PELLET-STYLE EARPIECES

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

BDN6780 ¹	Single Earbud with Microphone and Push-to-Talk. Requires BDN6676.
BDN6781 ¹	Earbud, receive-only. Requires BDN6676 unless used with a RSM.
BDN6676 ¹	3.5mm Audio Adapter with Quick Disconnect Latch
7580372E70	Replacement Foam Ear Cushion for Pellet Earpieces

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.

BDN6719	Flexible Ear Receiver
7580372E11	Replacement Foam Ear Cushion

Quick Disconnect Noise Kits

The Quick Disconnect Adapter allows users, especially those in multiple shift operations, to easily remove or alternate acoustic tubes.



RLN6230



RLN6241



Clear Comfortable Earpieces

BDN6780



BDN6719



DISCONTINUED RADIOS : AVAILABLE ACCESSORIES

HT 1000, JT 1000, MTX 8000 AND MTX 9000 PORTABLES

AUDIO ACCESSORIES AND EAR MICROPHONE SYSTEM

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 standard 2 or 3-Wire Motorola Surveillance Kits.

RLN4922	Completely Discreet Earpiece Kit
RLN4919	Replacement Earguards. 5 per pack.
RNN4005	Replacement 1.4 Volt Batteries. 6 per pack.

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, those 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.

INTERFACE MODULES

BDN6708 ¹	Push-to-Talk Only Interface Module
BDN6671 ¹	Push-to-Talk or Voice-Activated Interface Module VOX operational only on conventional channel.

EAR MICROPHONES

BDN6677 ¹	Ear Microphone, black. For standard noise levels (up to 95dB).
BDN6678 ¹	Ear Microphone, beige. For standard noise levels (up to 95dB).

OPTIONAL ACCESSORIES FOR EMS

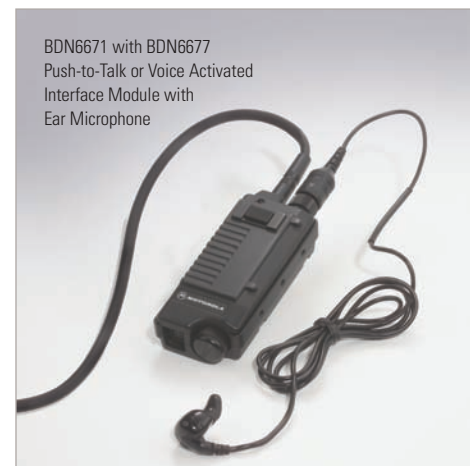
0180358B38 ¹	Remote Push-to-Talk Ring Switch
0180300E83 ¹	Remote Push-to-Talk Body Switch
0180300E25	Earguard with Adjustable Loop
0180358B32	Earholder, black, small. Secures Microphone in ear.
0180358B33	Earholder, black, medium. Secures Microphone in ear.
0180358B34	Earholder, black, large. Secures Microphone in ear.
0180358B35	Earholder, Clear, small. Secures Microphone in ear.
0180358B36	Earholder, Clear, medium. Secures Microphone in ear.
0180358B37	Earholder, Clear, large. Secures 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.

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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!



DISCONTINUED RADIOS: AVAILABLE ACCESSORIES

HT 1000, JT 1000, MTX 8000 AND MTX 9000 PORTABLES



TEMPLE TRANSDUCER AND COMMPORT

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.

- RMN4048¹ Temple Transducer
- RMN5048¹ 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. 3.5mm adapter BDN6676 included.

- NTN1625¹ Integrated Ear Microphone/Receiver System with Push-to-Talk on Radio Adapter
- NTN1624¹ Integrated Ear Microphone/Receiver System with Palm Push-to-Talk
- NTN1663¹ Integrated Ear Microphone/Receiver System with Ring Push-to-Talk
- NTN1736¹ Integrated Ear Microphone/Receiver System with Snap-On-Side Push-to-Talk
- NNTN4186¹ Integrated Ear Microphone/Receiver System with Body Push-to-Talk

COMMPORT REPLACEMENT PARTS

- NKN6508 Cable for NTN1722
- NKN6510 Palm Push-to-Talk Cable for NTN1625
- NKN6512 Ring Push-to-Talk Cable for NTN1624
- NKN6525 Snap-on-Side Push-to-Talk Cable for NTN1736
- NNTN4188 Body Push-to-Talk Cable for NNTN4186
- 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.
- 4285838B01 Replacement Collar Clip
- 4202006A01 Replacement Back Cover Clip
- BDN6676¹ 3.5mm Adapter with Quick Disconnect Latch

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



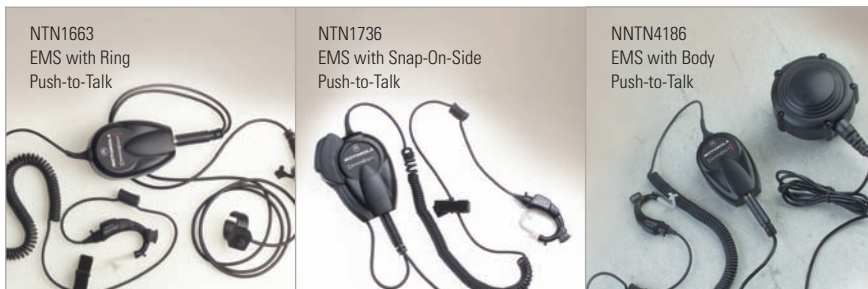
RMN4048
Temple Transducer



RMN5048
Rugged Temple
Transducer



NTN1625
Integrated Ear
Microphone/Receiver
System with
Push-to-Talk



NTN1663
EMS with Ring
Push-to-Talk

NTN1736
EMS with Snap-On-Side
Push-to-Talk

NNTN4186
EMS with Body
Push-to-Talk

DISCONTINUED RADIOS : AVAILABLE ACCESSORIES

HT 1000, JT 1000, MTX 8000 AND MTX 9000 PORTABLES

HEADSETS

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. Requires adapter BDN6676.

NMN6245 ¹	Single-Muff, Lightweight Headset with In-line Push-to-Talk Switch
NMN6246 ¹	Ultra-Lightweight Headset with Boom Microphone, In-line Push-to-Talk Switch Earbud style receiver.
NMN1020 ¹	Lightweight Headset with Boom Microphone. Can be worn with helmet or safety glasses. Includes adapter cable NKN6498. BDN6676 sold separately.
NKN6498 ¹	Headset Adapter Cable. For NMN1020.
BDN6676 ¹	3.5mm Adapter with Quick Disconnect Latch
5080574E02	Foam Earpads. For NMN6245. Pack of 10.

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.

NMN6258 ¹	Medium Weight, Dual-Muff, Over-the-Head Style Headset with In-line Push-to-Talk. Noise reduction = 24dB.
NMN6259 ¹	Medium Weight, Dual-Muff, Behind-the-Head Style Headset Can be worn with hardhat. Noise reduction = 24dB.
RMN4051	Two-way, Hardhat Mount Headset with Noise-Canceling Boom Microphone Noise reduction = 22dB.
BDN6673	In-line Push-to-Talk Adapter Cable for RMN4051B



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DISCONTINUED RADIOS: AVAILABLE ACCESSORIES

HT 1000, JT 1000, MTX 8000 AND MTX 9000 PORTABLES



HEADSETS

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 BDN6673 required.

- RMN4052 Tactical Headband Style Headset. Gray, Noise Reduction = 24dB.
- RMN4053 Tactical Hardhat Mount Headset. Gray, Noise Reduction = 22dB. Hardhat not included.
- RKN4095 Adapter Cable with In-line Push-to-Talk For use with RMN4051, RMN4052, and RMN4053.

HEAVY-DUTY HEADSETS

Heavy-duty headsets include noise-canceling 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. Heavy-duty headsets require radio adapter cable BDN6673, sold separately.

- PMLN5278 Heavy-Duty Headset with Noise-Canceling Boom Microphone
- BDN6635¹ Voice-Activated (VOX) Headset with Boom Microphone Requires adapter cable BDN6673. Noise reduction = 24dB.
- BDN6636¹ Voice-Activated (VOX) Headset with Throat Microphone Requires adapter cable BDN6673. Noise reduction = 24dB.



RMN4052
Tactical Headband
Style Headset



RMN4053
Tactical Hardhat
Mount Headset
Hardhat not
included.



PMLN5278
Heavy-Duty Headset
with Noise-Canceling
Boom Microphone

DISCONTINUED RADIOS : AVAILABLE ACCESSORIES

HT 1000, JT 1000, MTX 8000 AND MTX 9000 PORTABLES

CARRYING CASES

CARRYING CASES

Cases are available in sizes to fit radios with a battery and permit audio to be heard clearly.

STANDARD BELT LOOP CASES

- NTN7238 Leather Case with Belt Loop, D-rings and T-strap
For use with high-capacity battery.
- NTN7239 Leather Case with Belt Loop, D-rings and T-strap
For use with ultra-high capacity battery.
- NDN4018 Leather Full Keypad Case with Belt Loop, D-rings and Antenna Strap
For use with high and ultra-high capacity batteries.
- NTN7247 Nylon Case with Belt Loop and Strap
For use with high and ultra-high capacity batteries.

HIGH-ACTIVITY SWIVEL CASES

- NTN8035 Leather Case with 2.5 Inch High-Activity Swivel Belt Loop, D-rings and T-strap.
- NTN8037 Leather Case with 3 Inch High-Activity Swivel Belt Loop, D-rings and T-strap.
- NTN8036 Leather Case with 2.5 Inch High-Activity Swivel Belt Loop, D-rings and T-strap.
- NTN8038 Leather Case with 3 Inch High-Activity Swivel Belt Loop, D-rings and T-strap.
- NDN4017 Leather Full Keypad Case with 3 Inch High-Activity Swivel Belt Loop, D-rings and T-strap.



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.

DISCONTINUED RADIOS: AVAILABLE ACCESSORIES

HT 1000, JT 1000, MTX 8000 AND MTX 9000 PORTABLES



CARRYING ACCESSORIES AND PACKS

- BELT LOOPS, BELT CLIPS & STRAP**
- NTN7782 T-Strap for Leather Carry Cases
 - NTN5243 Adjustable Black Nylon Shoulder Strap. Attaches to D-ring on case.
 - 4205638V09 2.5 Inch Contoured Spring Action Belt Clip
 - 4205638V07 3 Inch Contoured Spring Action Belt Clip
 - 4200865599 1.75 Inch Wide Black Belt

- HIGH-ACTIVITY BELT LOOPS & BUTTONS**
- NTN8039 2.5 Inch High-Activity Swivel Belt Loop
 - NTN8040 3 Inch High-Activity Swivel Belt Loop
 - NTN1534 High-Activity D-Button with 2.5 Inch High-Activity Swivel Belt Loop. For use with NTN8039.
 - NTN1535 High-Activity D-Button with 3 Inch High-Activity Swivel Belt Loop. For use with NTN8040.
 - NTN8063 High-Activity D-Button

- MISCELLANEOUS**
- 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.
 - HLN9985 Waterproof Bag. Includes large carrying strap.

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.



RadioPAK

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

DISCONTINUED RADIOS : AVAILABLE ACCESSORIES

HT 1000, JT 1000, MTX 8000 AND MTX 9000 PORTABLES

BATTERIES

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.

	IMPRES NICKEL CADMIUM – NiCd
HNN9028AR	1550 mAh, 7.5V
HNN9029AR ¹	1550 mAh, 7.5V, Intrinsically Safe

MOTOROLA ORIGINAL BATTERIES

	PREMIUM NICKEL CADMIUM – NiCd
NTN7143DR	1200 mAh, 7.5V
NTN7150AR ¹	1200 mAh, 7.5V, Intrinsically Safe (MSHA)
NTN7372BR ¹	1200 mAh, 7.5V, Intrinsically Safe
NTN7149BR ¹	1300 mAh, 7.5V, Intrinsically Safe (CSA)
NTN7144CR	1400 mAh, 7.5V

	PREMIUM NICKEL METAL HYDRIDE – NiMH
WPNN4013	2000 mAh, 7.5V
WPNN4037	1900 mAh, 7.5V, Intrinsically Safe



Don't get caught without a spare.

Don't get caught without a charged, spare battery. It's amazing how much time is lost when you aren't fully prepared.



Motorola Batteries

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

OPTION BOARD

OPTION BOARD

NTN8313	Analog Voice Scrambler Advantage Board For use with HT 1000 only. NOT APPROVED for installation in FM approved models.
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DISCONTINUED RADIOS: AVAILABLE ACCESSORIES

HT 1000, JT 1000, MTX 8000 AND MTX 9000 PORTABLES



VEHICULAR CHARGERS

VEHICULAR TRAVEL CHARGER

A great traveling companion for 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.

- RLN4884 Vehicular Travel Charger
Includes mounting bracket.
- RLN5914 Travel Charger Mounting Bracket Kit
Includes screws and nylon cord.

- 2580600E05 TRANSFORMER
Transformer, 110V-US



Vehicular Travel Chargers

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

- RLN4884
Vehicular
Travel Charger

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.

- TDN9816 Vehicular Charger



DISCONTINUED RADIOS : AVAILABLE ACCESSORIES

HT 1000, JT 1000, MTX 8000 AND MTX 9000 PORTABLES

IMPRES CHARGERS AND ACCESSORIES

IMPRES CHARGERS

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. 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 and supports multiple radio platforms.

WPLN4111AR **IMPRES SINGLE-UNIT CHARGER**
IMPRES Single-Unit Charger, 110V-US

WPLN4108BR **IMPRES MULTI-UNIT CHARGER**
IMPRES Multi-Unit Charger, 110V-US
NLN7967 Wall Mount for Multi-Unit Chargers

IMPRES MULTI-UNIT CHARGERS WITH DISPLAY MODULES

These modules 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.

WPLN4130 IMPRES Multi-Unit Charger with Display Modules, 110V-US
NLN7967 Wall Mount for Multi-Unit Charger

IMPRES INDIVIDUAL CHARGER DISPLAY MODULE

Compatible with the standard IMPRES Multi-Unit Chargers WPLN4108BR, WPLN4109BR and WPLN4110BR. 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
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.



WPLN4130
IMPRES
Multi-Unit Charger

IMPRES™ Smart Energy System

The IMPRES Smart Energy System automatically reconditions IMPRES batteries based on actual usage.



WPLN4111AR
IMPRES
Single-Unit Charger



RLN5382

IMPRES Chargers

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

DISCONTINUED RADIOS: AVAILABLE ACCESSORIES

HT 1000, JT 1000, MTX 8000 AND MTX 9000 PORTABLES



IMPRES CHARGERS AND ACCESSORIES



NNTN7392
IMPRES Battery Reader
Computer not included.

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 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

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.

WPLN4208 IMPRES Compatible Vehicular Charger

Note: This IMPRES compatible vehicular charger will not recondition IMPRES batteries while in the vehicle, but will provide an indication when reconditioning is required.



IMPRES Compatible Vehicular Charger

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

DISCONTINUED RADIOS : AVAILABLE ACCESSORIES

HT 1000, JT 1000, MTX 8000 AND MTX 9000 PORTABLES

CHARGERS AND ACCESSORIES

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. It also utilizes an enhanced charging algorithm that will help maximize the life of your batteries. It will rapid rate charge both NiCd and NiMH batteries.

RPX4747 Compact, Rapid-Rate Charger, 120V–US

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.

WPLN4090BR Charger Kit, 120 Volt AC.
Includes single-unit base and 7 Volt Adapter Plate.

WPPN4002BR Base Charger Unit, 110 Volt AC.
Adapter Plate sold separately.

WPPN4065BR Multi-Unit Conditioning Charger,
4-Station Base, 110 Volt AC. Adapter Plates sold separately.

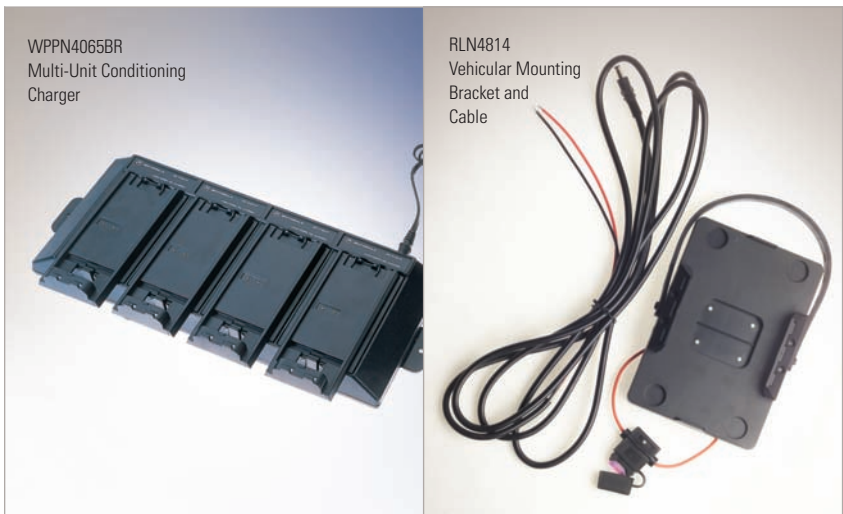
WPPN4004BR 7 Volt Adapter Plate

VEHICULAR MOUNTING

3080384G15 Vehicular Power Adapter

RLN4814 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 3A in-line fuse.



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.

DISCONTINUED RADIOS: AVAILABLE ACCESSORIES

HT 1000, JT 1000, MTX 8000 AND MTX 9000 PORTABLES



BATTERY MAINTENANCE AND OPTIMIZING SYSTEMS

BATTERY MAINTENANCE SYSTEM^{PLUS}—BMS^{PLUS}

Increase the useful life of your batteries. Using interchangeable battery adapters (sold separately), the BMS^{PLUS} 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^{PLUS} has a 3-year warranty and includes serial printer* port (RS-232).

WPLN4079BR	6-Station BMS ^{PLUS} , 110V, AC, 50/60 Hz—US Plug
WPPN4085AR	BMS ^{PLUS} Li-ion Field Upgrade Kit. Upgrades WPLN4079AR, WPLN4080AR, WPLN4081AR. Allows units to support Li-ion batteries.
NDN4005B	3-Station BMS ^{PLUS} , 110V, AC, 50/60 Hz. Does not support Li-ion or 3-cell batteries.

BMS^{PLUS} ADAPTERS

TDN9435C	Adapter. For NiCd batteries only.
CDN6364A	Adapter. For NiCd, and NiMH batteries.

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

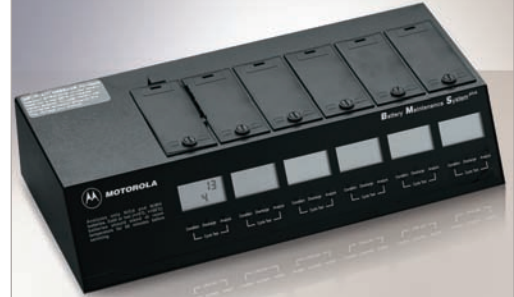
BATTERY OPTIMIZING SYSTEM II—BOS II

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.

- 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 User 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

WPLN4128AR	BOS II, 4-Station, 90-264V, AC—US Plug Adapter Plates Required.
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WPLN4079BR
Battery Maintenance System^{PLUS}



NDN4005B
Battery Maintenance System^{PLUS}



WPLN4128AR
Battery Optimizing System II



DISCONTINUED RADIOS : AVAILABLE ACCESSORIES

HT 1000, JT 1000, MTX 8000 AND MTX 9000 PORTABLES

ANTENNAS

FLEXIBLE WHIP ANTENNAS

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

8505241U05 ¹	Flexible Whip, 1/4 Wave, 380-520 MHz, 6 inch
8505241U03 ¹	Flexible Whip, 1/2 Wave, 806-869 MHz, 7 inch
8505241U04 ¹	Flexible Whip, 1/2 Wave, 896-941 MHz, 7 inch

HELICAL ANTENNAS

Helical antennas are sturdy and dependable. The skirt at the base of the connector helps seal out damaging elements. The connector is made of plated brass material for long life.

8505644V01 ¹	Helical, 136-151 MHz, 7.5 inch
8505644V02 ¹	Helical, 151-162 MHz, 6.5 inch
8505644V03 ¹	Helical, 162-174 MHz, 6.5 inch
8505644V04 ¹	Helical, 403-435 MHz, 3.5 inch
8505644V05 ¹	Helical, 435-470 MHz, 3 inch
8505644V06 ¹	Helical, 470-512 MHz, 3 inch

STUBBY ANTENNAS

Stubby antennas are ideal when radio is worn on the belt because the short antenna is non-obtrusive.

8505241U06 ¹	Stubby, 1/4 Wave, 806-941 MHz, 4 inch
RAD4194 ¹	Stubby, 150-162 MHz, 3.55 inch

DIPOLE ANTENNAS

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.

NAF5039 ¹	Dipole, 806-869 MHz, 8 inch
8505884R02 ¹	Dipole, 896-941 MHz, 8 inch

WIDEBAND ANTENNA

This wideband antenna is ideal when the radio is used in different frequencies since one antenna will cover all ranges.

8505518V01 ¹	Wideband, 136-174 MHz, 8 inch
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VISAR PORTABLE TWO-WAY RADIO.

The discontinued VISAR is still one of the smallest full power, fully featured two-way radios around. It will fit comfortably into the palm of your hand or in your pocket, with the same output power as a radio twice its size. You have the immediate communication of a paging system with the instant response of a two-way radio.



MICROPHONES AND ACCESSORIES

REMOTE SPEAKER MICROPHONE

The Remote Speaker Microphone is a water-resistant compact unit that allows talking and listening without removing the radio from the belt or case. It has a coiled cord, and push-to-talk switch. Clothing clip on microphone back clips securely onto shirt or collar.

NMN6196¹ Remote Speaker Microphone

EPAULET STRAPS

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

RLN4294 Epaulet Strap, Velcro
RLN4295 Epaulet Strap, with Clip

MICJACKETS

MicJackets provide speaker microphone users with a way to further protect the "head" of their microphone from dust, dirt, metal particles, sweat, body oils and other on-the-job grime. MicJackets also help make handling and interacting with the speaker microphone more hygienic.

RLN4903 MicJacket-RSM. Fits NMN6196.



NMN6196
Remote Speaker
Microphone



RLN4294

RLN4295

MicJackets

MicJackets provide a way to further protect the "head" of the microphone from dust, dirt, metal/particles, sweat, body oils and other on-the-job grime.

AUDIO ACCESSORIES

SURVEILLANCE KITS

Surveillance accessories allow the radio user to privately receive messages with the earpiece and are ideal when environments require discreet communication. These surveillance accessories require the 3.5mm threaded audio adapter PMLN4455, unless being used with a speaker microphone.

- | | |
|------------------------|--|
| | 1 - WIRE SURVEILLANCE KITS |
| BDN6664 ¹ | Receive-Only Earpiece with Standard Earphone (1-Wire), beige. |
| BDN6665 ^{1,2} | Extra Loud Receive-Only Earpiece with Standard Earphone (1-Wire), beige. |
| BDN6726 ¹ | Receive-Only Earpiece with Standard Earphone (1-Wire), black. |
| BDN6727 ^{1,2} | Extra Loud Receive-Only Earpiece with Standard Earphone (1-Wire), black. |
| BDN6666 ¹ | Receive-Only Earpiece with Volume Control and Earloop (1-Wire), beige. |
| BDN6728 ¹ | Receive-Only Earpiece with Volume Control and Earloop (1-Wire), black. |
| | 2 - WIRE SURVEILLANCE KITS |
| BDN6667 ¹ | Earpiece with Microphone and Push-to-Talk Combined (2-Wire), beige. |
| BDN6669 ^{1,2} | Extra Loud Earpiece with Microphone and Push-to-Talk Combined (2-Wire), beige. |
| BDN6729 ¹ | Earpiece with Microphone and Push-to-Talk Combined (2-Wire), black. |
| BDN6731 ^{1,2} | Extra Loud Earpiece with Microphone and Push-to-Talk Combined (2-Wire), black. |
| | 3 - WIRE SURVEILLANCE KITS |
| BDN6668 ¹ | Earpiece with Microphone and Push-to-Talk Separate (3-Wire), beige. |
| BDN6670 ^{1,2} | Extra Loud Earpiece with Microphone and Push-to-Talk Separate (3-Wire), beige. |
| BDN6730 ¹ | Earpiece with Microphone and Push-to-Talk Separate (3-Wire), black. |
| BDN6732 ^{1,2} | Extra Loud Earpiece with Microphone and Push-to-Talk Separate (3-Wire), black. |



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²Extra loud earphone (exceeds OSHA limits).



SURVEILLANCE KITS AND ACCESSORIES

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.
- 5080369E39² Extra Loud Earphone, beige.
- 5080370E91² Extra Loud Earphone, black.

REPLACEMENT ACCESSORIES

- RLN6242 Quick Disconnect Acoustic Tube Replacement
- 5080384F72 Replacement Foam Plugs. Pack of 50. Noise reduction = 24dB.
For RLN6230 and RLN6231.
- 5080370E97 Replacement Standard Clear Rubber Eartips. Pack of 25.
For RLN6232 and RLN6241.

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 Motorola Noise and Surveillance Kits.

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



RLN6230
Extreme
Noise Kit



RLN6241
Low Noise Kit



Clear
Comfortable
Earpieces

AUDIO ACCESSORIES

COMPLETELY DISCREET EARPIECE

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.

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.

BDN6719	Flexible Ear Receiver Requires Audio Adapter PMLN4455.
PMLN4455B	3.5mm Audio Adapter
7580372E11	Replacement Foam Ear Cushion



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!



RLN4922A
Completely Discreet Earpiece Kit



BDN6719
Flexible Ear Receiver



EAR MICROPHONE SYSTEM

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.

INTERFACE MODULE
 BDN6779¹ Push-to-Talk or Voice-Activated Interface Module.
 VOX operational only on conventional channel.

EAR MICROPHONES
 BDN6768¹ Ear Microphone, black.
 For standard noise levels (up to 95dB).

BDN6769¹ Ear Microphone, beige.
 For standard noise levels (up to 95dB).

BDN6770¹ Ear Microphone with Push-to-Talk Interface, gray.
 For high-noise levels (up to 105dB).

- OPTIONAL ACCESSORIES FOR EMS**
- 0180358B38¹ Remote Push-to-Talk Ring Switch
 - 0180300E83¹ Remote Push-to-Talk Body Switch
 - 0180300E25 Earguard with Adjustable Loop
 - 0180358B32 Earholder, black, small. Secures Microphone in ear.
 - 0180358B33 Earholder, black, medium. Secures Microphone in ear.
 - 0180358B34 Earholder, black, large. Secures Microphone in ear.
 - 0180358B35 Earholder. Clear, small. Secures Microphone in ear.
 - 0180358B36 Earholder. Clear, medium. Secures Microphone in ear.
 - 0180358B37 Earholder. Clear, large. Secures 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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DISCONTINUED RADIOS : AVAILABLE ACCESSORIES

VISAR PORTABLE

EARPIECES AND HEADSETS

PELLET-STYLE EARPIECES

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

BDN6780 ¹	Earbud with Microphone and Push-to-Talk
BDN6781 ¹	Receive-Only Earbud
7580372E70	Replacement Foam Cushion for Pellet Earpieces

LIGHTWEIGHT HEADSETS

These headsets provide high-clarity, hands free, discreet communication while maintaining the comfort necessary for extended-wear in moderate noise environments. No adapter required.

NMN6245 ¹	Single-Speaker Lightweight Headset with Boom Microphone and In-line Push-to-Talk Switch.
NMN6246 ¹	Ultra-Lightweight Headset with Boom Microphone, In-line Push-to-Talk Switch. Earbud style receiver.
REX4648	Replacement Foam Earpad and Windscreen Kit for NMN6245

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 3.5mm adapter BDN6676.

RMN4056	Receive-Only, Dual-Muff, Headband Style Headset For use with 3.5mm threaded jack. Can be plugged directly into radio with BDN6676. Noise reduction = 24dB.
RMN4057	Receive-Only, Dual-Muff, Hardhat Headset. Mounts easily to hardhats with slots. For use with RSMs and PSMs with 3.5mm threaded jack. Can be plugged directly into radio with BDN6676.
BDN6676 ¹	3.5mm Adapter with Quick Disconnect Latch

HEAVY-DUTY HEADSETS

Heavy-duty headsets include noise-canceling 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. Radio adapter cable BDN6772 required.

PMLN5278 ¹	Heavy-duty Headset with Noise-Canceling Boom Microphone
BDN6635 ¹	Voice-Activated (VOX) Headset with Boom Microphone Requires adapter cable BDN6772. Noise reduction = 24dB.
BDN6636 ¹	Voice-Activated (VOX) Headset with Throat Microphone Requires adapter cable BDN6772. Noise reduction = 24dB.
BDN6772 ¹	Radio Adapter Cable

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BDN6780
Earbud with Microphone
and Push-to-Talk



NMN6245
Lightweight Headset with
In-line Push-to-Talk
Switch



NMN6246
Ultra-Light Headset with
Boom Microphone



PMLN5278
Heavy Duty Headset
with Noise-Canceling
Boom Microphone

¹Intrinsically Safe.



BATTERIES

MOTOROLA ORIGINAL BATTERIES

	PREMIUM NICKEL METAL HYDRIDE – NiMH
NTN7394CR	NiMH, 1300 mAh
NTN7396BR	NiMH, 600 mAh
NTN7397CR ¹	NiMH, 1300 mAh, Intrinsically Safe

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



ANTENNAS

STUBBY ANTENNA

This stubby antennas is ideal when the radio is worn on the belt because it is short and non-obtrusive. This rugged, helical antenna features a capless sheath that allows for maximum flexibility.

8505241U06 ¹	Stubby, 1/4 Wave Broadband, 806-941 MHz Operates in the 800/900 MHz band.
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FLEXIBLE WHIP ANTENNAS

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

8505241U05 ¹	1/4 Wave Flexible Whip, 380-520 MHz, 6 inch
8505241U03 ¹	1/2 Wave Flexible Whip, 806-869 MHz, 7 inch

HELICAL ANTENNAS

Helical antennas are sturdy and dependable. 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.

8505834W01 ¹	Helical, 136-151 MHz, 6 inch
8505834W02 ¹	Helical, 151-162 MHz, 5 inch
8505834W03 ¹	Helical, 162-174 MHz, 5 inch
8505644V04 ¹	Helical, 403-435 MHz, 3.5 inch
8505644V05 ¹	Helical, 435-470 MHz, 3 inch
8505644V06 ¹	Helical, 470-512 MHz, 3 inch



DISCONTINUED RADIOS : AVAILABLE ACCESSORIES

VISAR PORTABLE

CARRYING CASES AND ACCESSORIES

CARRYING CASES

Full coverage carrying cases provide a convenient way to carry your radio while protecting it from the environment. These cases are designed to fit all VISAR radios and battery configurations permitting audio to be heard clearly. Choose from nylon or leather construction and a variety of other carry accessories.

- NDN4010 MEDIUM CAPACITY BATTERIES
Hard Leather Full Keypad Case with 2.5 Inch Swivel Belt Loop
- NDN4011 Hard Leather Case with 2.5 Inch Swivel Belt Loop
- TDN9659 Soft Leather Case with Belt Loop and Wrist Strap
- TDN9657 Nylon Case with Belt Loop

- NDN4012 HIGH & ULTRA HIGH CAPACITY BATTERIES
Hard Leather Full Keypad Case with 2.5 Inch Swivel Belt Loop
- NDN4013 Hard Leather Case with 2.5 Inch Swivel Belt Loop

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.



- NTN7632 CARRY ACCESSORIES
Plastic Carry Holster with 1.5 Inch Belt Clip
- NTN7633 Plastic Carry Holster with 2.5 Inch Belt Clip
- TDN9675 Soft Leather Wrist Strap
- 4200865599 1.75 Inch Wide Black Leather Belt. For all models.
- NTN5243 Adjustable, Black Nylon, Carrying Strap. Attaches to "D" ring on case.

- HLN9985 WATERPROOF BAG
Waterproof Bag

- TDN9327 MISCELLANEOUS
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.





CARRYING ACCESSORIES AND PACKS

- BELT LOOPS, BELT CLIPS, STRAP**
- NTN7782 T-Strap for Leather Carry Cases
 - NTN5243 Adjustable, Black Nylon Shoulder Strap
Attaches to D-ring on case.
 - 4205638V09 2.5 Inch Contoured Spring Action Belt Clip
 - 4205638V07 3 Inch Contoured Spring Action Belt Clip
 - 4200865599 1.75 Inch Wide Black Belt
- HIGH-ACTIVITY BELT LOOPS & BUTTONS**
- NTN8039 2.5 Inch High-Activity Swivel Belt Loop
 - NTN8040 3 Inch High-Activity Swivel Belt Loop
 - NTN1534 High-Activity D-Button with 2.5 Inch High-Activity Swivel Belt Loop. For use with NTN8039.
 - NTN1535 High-Activity D-Button with 3 Inch High-Activity Swivel Belt Loop. For use with NTN8040.
 - NTN8063 High-Activity D-Button

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.



RadioPAK

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

DISCONTINUED RADIOS : AVAILABLE ACCESSORIES

VISAR PORTABLE

CHARGERS AND ACCESSORIES

VISAR SINGLE UNIT, DESKTOP CHARGER

This charger has the power supply built into the line cord giving the user a smaller base unit for easier storage. It also utilizes an enhanced charging algorithm that will help maximize the life of your batteries. It will rapid-rate charge both NiCd and NiMH batteries.

- HKTN4004 VISAR/KVL Charger Kit, 120V–US
Includes adapter PMLN5122 and Single-Unit Charger WPLN4111AR.
- PMLN5122 VISAR Adapter for Single-Unit 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.

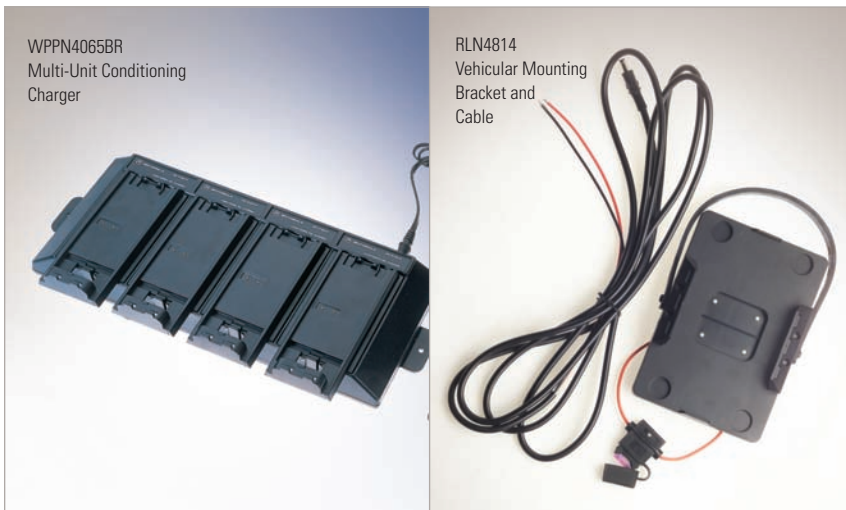
- WPLN4100CR Charger Kit, 110V, AC.
Includes both Single Unit Base and 7V Adapter Plate.
- WPPN4002BR Base Unit Conditioning Charger, 110V. Adapter plate sold separately.
- WPPN4065BR 4-Station Multi-Unit Conditioning Charger, 120V
Adapter Plate sold separately.
- WPPN4003CR 7V Adapter Plate

MCC ACCESSORIES

- 3080384G15 Vehicular Power Adapter
- RLN4814 Vehicular Mounting Bracket and Hard Wire Cable
For Single-Unit Motorola Conditioning Chargers.
Includes DC Hard Wire Cable 3080384M21.
- 3080384M21 DC Hard Wire Cable. For vehicular installation.



HKTN4004
VISAR/KVL Charger Kit



WPPN4065BR
Multi-Unit Conditioning
Charger

RLN4814
Vehicular Mounting
Bracket and
Cable

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.



BATTERY MAINTENANCE AND OPTIMIZING SYSTEMS

BATTERY MAINTENANCE SYSTEM^{PLUS}—BMS^{PLUS}

Increase the useful life of your batteries. Using interchangeable battery adapters (sold separately), the BMS^{PLUS} 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^{PLUS} has a 3-year warranty and includes serial printer* port (RS-232).

- WPLN4079BR 6-Station BMS^{PLUS}, 110V, AC, 50/60 Hz—US Plug
- WPPN4085BR BMS^{PLUS} Li-ion Field Upgrade Kit. Upgrades WPLN4079AR, WPLN4080AR, WPLN4081AR. Allows units to support Li-ion batteries.
- NDN4005 3-Station BMS^{PLUS}, 110V, AC, 50/60 Hz. Does not support Li-ion or 3-cell batteries.

BMS^{PLUS} ADAPTERS

- TDN9717 Adapter. For NiCd batteries only.
- CDN6141 Adapter. For NiCd, and NiMH batteries.

*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

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.

- 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 User Programs and allows customizable programming
- Proprietary Recondition Cycle restores NiCd and NiMH batteries
- Increased processing power and testing resolution—including a Three-minute QuicktestTM that measures the batteries' State of Health (SoH) Printer Output for reports and labels
- Three-year Warranty

- WPLN4124BR BOS II, 4-Station, 90-264V, AC—US Plug. Adapter Plates Required.

BOS ADAPTERS

- RL-73183 Standard Adapter—VISAR



MAXTRAC MOBILE RADIO.

This discontinued compact, synthesized mobile radio continues to fit comfortably in today's downsized vehicles, and provides up to 32 channel operation and wide-spaced channel separation.



MOBILE MICROPHONES

MICROPHONES

- HMN1035 Heavy-Duty Palm Microphone with 10.5 Foot Coil Cord.
- HMN1037 Non-Backlit Keypad Microphone with Hang-up Clip
- HMN1056 Compact Palm Microphone with 7 Foot Coil Cord
- HMN4016 Noise-Canceling Microphone
- HMN3013 Non-Backlit Full Size Keypad Microphone

MICROPHONE ACCESSORIES

- HLN9073 Handset with Hang-up Clip
- HLN9559 7 Foot Extended Coil Cord. For HMN1035 and HMN1056.
- HLN9560 10.5 Foot Coil Cord for Microphones. For HMN1035 and HMN1056.

HMN1035
 Heavy-Duty Palm
 Microphone



HMN1037
 Non-Backlit Keypad
 Microphone



HLN9330
 Emergency Alarm
 Footswitch



MOBILE MICROPHONES

EXTERNAL ALARM RELAY ACCESSORIES

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

- HLN9328 External Alarm Relay and Cable
 MAXTRAC 300 (16-pin connector) and 800 MHz display models only.
- HLN9374 External Alarm Relay and Cable
 MAXTRAC 100 (5-pin connector) and 800 MHz non-display and 900 MHz.
- RLN5132 Emergency Alarm with Housing Connector
- HLN9330 Emergency Alarm Footswitch
- HKN4284 Ignition Switch Cable
 5-pin connector.
- HKN9327BR Ignition Switch Cable with Housing Connector
 16-pin connector.



CONTROL STATION, PUBLIC ADDRESS AND MOUNTING

CONTROL STATION

Control Station Kit includes power supply, adapter cable, desk microphone and base tray. These kits convert your mobile into a basic base station.

- HLN3199 High Power Control Station Package. 25-60W models.
- HLN3035 Low Power Control Station Package. 1-25W models.

CONTROL STATION ACCESSORIES

- RMN5068 Desktop Microphone, black.
- HLN5292BR Desktop Tray
- HPN4007 Power Supply, 25-60W. For low power radios. Power cord included.

POWER CABLES, PLUG & ADAPTER

- HKN4139 Power Cable for Low Power Control Station
- HKN9455 10 Foot Power Cable for High Power Control Station
- HLN9457 Accessory Plug and 16 Pins
- HKN9557 Mini-UHF Adapter Cable

SPEAKERS AND PUBLIC ADDRESS KITS

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.

- HLN3145CR Public Address Kit. Includes two cables for mobile connection to public address box and speaker cables. Requires HSN1000B speaker.
- HSN1006 Amplified External Speaker for Public Address Audio 6W. Required for use with HLN3145CR.
- HKN9324AR 15 Foot Public Address/Speaker Cable. One cable per speaker required.
- HKN9325 Cable Extender Kit for Public Address Kit.

EXTERNAL SPEAKERS

- HSN4019 5W External Speaker for Receiver Audio. Requires 5-pin options connector.
- HSN9326 5W External Speaker for Receiver Audio. Requires 16-pin options connector.

MOUNTING BRACKETS

Spare mounting brackets for radio installation in a second vehicle or providing a second mounting location for additional operator convenience.

- HLN9637 Key Lock Mount for Lowband and 800 MHz
- HLN5226 Extra Stability Mount. For HLN5189
- HLN5189 Non-Locking Trunnion. For 800/840 Series only.

REMOTE MOUNTING KITS

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

- H1634 Remote Mount Retrofit Kit. Model I.
- H1635 Remote Mount Retrofit Kit. Models II and III.

REMOTE MOUNT KIT ACCESSORIES

- HKN6111 10 Foot Control Head Cable
- HKN6112 17 Foot Control Head Cable
- HKN6113 22 Foot Control Head Cable
- HKN6118 40 Foot Control Head Cable



HPN4007
Power Supply



HSN4019
5W External Speaker

DISCONTINUED RADIOS : AVAILABLE ACCESSORIES

MAXTRAC MOBILE

ANTENNAS

ANTENNAS

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

	800 MHz ANTENNAS
HAF4002	1/4 Wave Through-hole Mount, 806-900 MHz
RRA4983	Through-hole Mount, 3dB Gain, 806-900 MHz
	900 MHz ANTENNAS
RRA4935	Through-hole Mount with 14 Ft. Cable 3dB Gain, 890-960 MHz
RAF4003ARM	Through-hole Mount with 22 Ft. Cable 3dB Gain, 860-960 MHz
	VHF ANTENNAS
HAD4006	1/4 Wave Through-hole Mount, 136-144 MHz
HAD4007	1/4 Wave Through-hole Mount, 144-152 MHz
HAD4008	1/4 Wave Through-hole Mount, 152-162 MHz
HAD4009	1/4 Wave Through-hole Mount, 162-174 MHz
RAD4010ARB	Through-hole Mount, 3dB Gain, 136-174 MHz
	UHF ANTENNAS
HAE4002	1/4 Wave Through-hole Mount, 403-430 MHz
HAE4003	1/4 Wave Through-hole Mount, 450-470 MHz
HAE4004	1/4 Wave Through-hole Mount, 470-512 MHz
HAE4010	Through-hole Mount, 3.5dB Gain, 403-430 MHz
HAE4011	Through-hole Mount, 3.5dB Gain, 450-470 MHz
HAE4012	Through-hole Mount, 3.5dB Gain, 470-495 MHz
HAE4013	Through-hole Mount, 3.5dB Gain, 494-512 MHz
	LOW BAND ANTENNAS
RAB4002ARB	1/4 Wave Base Loaded, 29.7-36.0 MHz
RAB4003ARB	1/4 Wave Base Loaded, 36-42 MHz
RAB4004ARB	1/4 Wave Base Loaded, 42-50 MHz
	ANTENNA ADAPTERS
5880367B22	Mini-UHF to UHF Antenna Adapter
2880376E84	Mini-UHF Antenna Connector



Antenna Range

Antennas that radiate vertically are ideal for urban environments. Direct signal antennas are designed for locations where signal coverage is sparse and must cover a larger area.





ANTENNAS AND ANTENNA KITS

LOW PROFILE ANTENNA KITS

These complete kits make installation easy for multipoint mobile applications. Perfect for service vehicles, public transportation, law enforcement, mining and construction vehicles, as well as numerous other commercial and industrial applications where mobility is a requirement. All kits include a 3/4 inch brass mount with 17 feet of RG58U/U cable.

- UHF ANTENNA KITS**
- RAE4162ARB White, 410-430 MHz, 3dB Gain Through-Hole Mount Antenna
 - RAE4163ARB Black, 410-430 MHz, 3dB Gain Through-Hole Mount Antenna
 - RAE4164ARB Black, 430-450 MHz, 3dB Gain Through-Hole Mount Antenna
 - RAE4165ARB White, 430-450 MHz, 3dB Gain Through-Hole Mount Antenna
 - RAE4166ARB Black, 470-490 MHz, 3dB Gain Through-Hole Mount Antenna
 - RAE4167ARB White, 450-470 MHz, 3dB Gain Through-Hole Mount Antenna
 - RAE4168ARB Black, 450-470 MHz, 3dB Gain Through-Hole Mount Antenna

- VHF ANTENNA KITS**
- RAD4207ARB White, 150-168 MHz, Unity Gain Through-Hole Mount Antenna
 - RAD4208ARB Black, 150-168 MHz, Unity Gain Through-Hole Mount Antenna
 - RAD4209ARB Black, 142-160 MHz, Unity Gain Through-Hole Mount Antenna
 - RAD4210ARB White, 142-160 MHz, Unity Gain Through-Hole Mount Antenna

- 800 MHz ANTENNA KITS**
- RAF4217ARB White, 821-896 MHz, 3dB Gain Through-Hole Mount Antenna
 - RAF4218ARB Black, 821-896 MHz, 3dB Gain Through-Hole Mount Antenna
 - RAF4219ARB Black, 806-866 MHz, 3dB Gain Through-Hole Mount Antenna
 - RAF4220ARB White, 806-866 MHz, 3dB Gain Through-Hole Mount Antenna

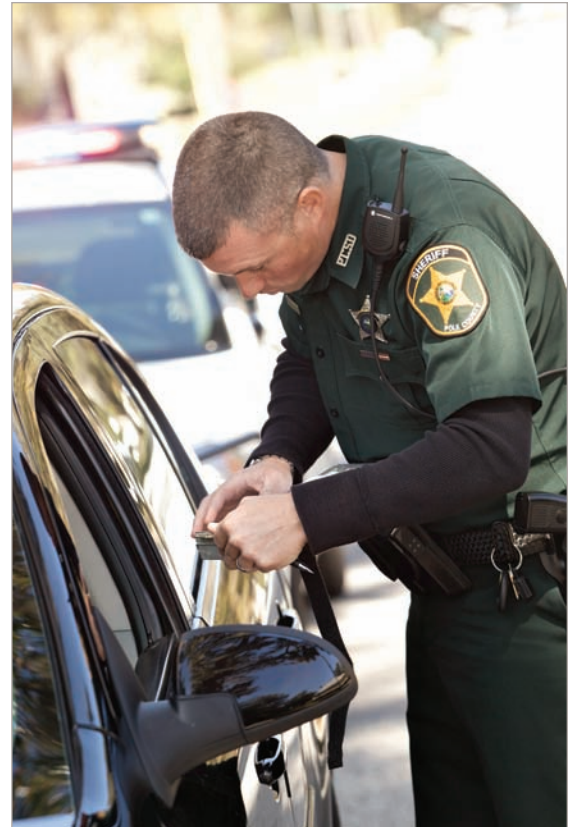
LOW PROFILE ANTENNAS

- 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

- 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

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

MARATRAC MOBILE RADIO.

With the small control head of this discontinued, two-piece, mobile radio, you can continue to mount the unit anywhere in a vehicle. Dedicated buttons provide easy control of features like scan, multiple Private Line codes, signalling calls, external alarms and repeater Talkaround.



MOBILE MICROPHONES AND ACCESSORIES

MICROPHONES

A variety of microphones are available to add flexibility and ease of operation.

- | | |
|---------|---|
| HMN1015 | Standard Palm Microphone
For A2 and A3 models. |
| HMN1061 | Standard Palm Microphone
For A7 model. |
| HMN1032 | Keypad Microphone
For A7 model. |

MICROPHONE ACCESSORIES

- | | |
|---------|--------------------------|
| HLN1220 | Handset with Hang-Up Box |
|---------|--------------------------|



HMN1015
Standard Palm
Microphone

ALARM RELAY

EXTERNAL ALARM RELAY

These accessories enable additional switching power when external accessories are attached. Horn and Lights are not independently selectable on low band models.

- | | |
|---------|---|
| HLN9368 | External Alarm Cable and Relay,
Low Band—For Horn and Lights |
|---------|---|

MARATRAC

MAXTRAC mobile radios can continue to provide dependable communication wherever your vehicle takes you.



PUBLIC ADDRESS AND CONTROL HEADS

EXTERNAL SPEAKERS

These control station accessories enable users to listen to radio communications in high noise environments. The 13W model provides the audio level needed for extreme noise environments.

- HSN4038 Water Resistant Speaker (7.5W rated audio), remote mount for MARATRAC A2 and A3 models
- HSN4032 Non-water Resistant Speaker (13W rated audio), for MARATRAC A5 and A7 models

SIREN HORNS

These external loudspeakers enable users to utilize the radio as a public address system.

- TDN6251 Siren Speaker, round with chrome finish
- TDN6252 Siren Speaker, rectangular with chrome finish
- TDN6253 Siren Speaker, under hood with gray finish
- TDN6254 Siren Speaker, round with gray finish

CONTROL HEADS

Mount your choice of control head anywhere in a vehicle for more convenient installation and maximum ease of use.

BASIC CONTROL HEADS

- HCN1089 VHF, UHF A7 Advanced Control Head
- HCN1090 Lowband A7, 99-channel Advanced Control Head with Adjustable Squelch Control. For use with radios shipped since 10/94.
- HCN1051 Handheld A5 Control Head

FRONT AND REAR CONTROL HEAD KIT

Front and Rear Control Head Kit includes auxiliary handset, hang-up cup, control box and power voice speaker. Requires control cable.

- HLN1398 Front and Rear Control Head Kit
 Requires one of the following control cable sets.

CONTROL CABLES SETS

- YKN4228 17 Foot Front and 40 Foot Rear Control Cable
- YKN4230 17 Foot Front and 80 Foot Rear Control Cable
- YKN4229 25 Foot Front and 40 Foot Rear Control Cable



HSN4038
External Speaker

TDN6254
Siren Speaker

TDN6253
Siren Speaker

DISCONTINUED RADIOS : AVAILABLE ACCESSORIES

MARATRAC MOBILE

ANTENNAS

ANTENNAS

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

	LOW BAND ANTENNAS
RAB4002ARA	1/4 Wave Base Loaded, 29.7-36 MHz
RAB4003ARA	1/4 Wave Base Loaded, 36-42 MHz
RAB4004ARA	1/4 Wave Base Loaded, 42-50 MHz
	VHF ANTENNAS
TAD6112	1/4 Wave Through-Hole Mount, 144-152 MHz
TAD6113	1/4 Wave Through-Hole Mount, 152-162 MHz
TAD6114	1/4 Wave Through-Hole Mount, 162-174 MHz
TAD6290	Unity Gain Through-Hole Mount, 150-174 MHz
RAD4010ARB	3dB Gain Through-Hole Mount, 136-174 MHz
	UHF ANTENNAS
TAE6052	1/4 Wave Through-Hole Mount, 450-470 MHz
TAE6072	3.5dB Gain Through-Hole Mount, 450-470 MHz



Antenna Range

Antennas that radiate vertically are ideal for urban environments. Direct signal antennas are designed for locations where signal coverage is sparse and must cover a larger area.



ANTENNAS AND ANTENNA KITS

LOW PROFILE ANTENNA KITS

These complete kits make installation easy for multipoint mobile applications. Perfect for service vehicles, public transportation, law enforcement, mining and construction vehicles, as well as numerous other commercial and industrial applications where mobility is a requirement. All kits include a 3/4 inch brass mount with 17 feet of RG58U/U cable.

	UHF ANTENNA KITS
RAE4162ARB	White, 410-430 MHz, 3dB Gain Through-Hole Mount Antenna
RAE4163ARB	Black, 410-430 MHz, 3dB Gain Through-Hole Mount Antenna
RAE4164ARB	Black, 430-450 MHz, 3dB Gain Through-Hole Mount Antenna
RAE4165ARB	White, 430-450 MHz, 3dB Gain Through-Hole Mount Antenna
RAE4166ARB	Black, 470-490 MHz, 3dB Gain Through-Hole Mount Antenna
RAE4167ARB	White, 450-470 MHz, 3dB Gain Through-Hole Mount Antenna
RAE4168ARB	Black, 450-470 MHz, 3dB Gain Through-Hole Mount Antenna
RAE4169ARB	White, 470-490 MHz, 3dB Gain Through-Hole Mount Antenna

	VHF ANTENNA KITS
RAD4207ARB	White, 150-168 MHz, Unity Gain Through-Hole Mount Antenna
RAD4208ARB	Black, 150-168 MHz, Unity Gain Through-Hole Mount Antenna
RAD4209ARB	Black, 142-160 MHz, Unity Gain Through-Hole Mount Antenna
RAD4210ARB	White, 142-160 MHz, Unity Gain Through-Hole Mount Antenna

	800 MHz ANTENNA KITS
RAF4217ARB	White, 821-896 MHz, 3dB Gain Through-Hole Mount Antenna
RAF4218ARB	Black, 821-896 MHz, 3dB Gain Through-Hole Mount Antenna
RAF4219ARB	Black, 806-866 MHz, 3dB Gain Through-Hole Mount Antenna
RAF4220ARB	White, 806-866 MHz, 3dB Gain Through-Hole Mount Antenna

LOW PROFILE ANTENNAS

	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

	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

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

Not sure which Motorola Original accessories are right for your business environment?
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