



ACCESSORIES AND BATTERIES

PR1500 and PM1500™

Professional Series Two-Way Radios

PUBLIC SAFETY





***Motorola Original®
Accessories let you make the most
of your PR1500 portable radio's
capabilities.***

You made a sound business decision when you chose your Motorola PR1500 Professional Series Two-way radio. When you choose performance-matched Motorola Original® accessories, you're making another good call.

That's because every Motorola Original® accessory is designed, built and rigorously tested to the same quality standards as Motorola radios. So you can be sure that each will be ready to do its job, time after time — helping to increase your productivity. After all, 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. Discreet earpiece systems to help ensure privacy and aid surveillance. Carry cases for ease when on the move. Headsets for hands-free operation. Premium batteries to extend work time, and more. They're all ready to help you work smarter, harder and with greater confidence.

Portable or mobile, Motorola PR1500 and PM1500 Professional Series radios offer durability, range and audio sophistication in the toughest of conditions.

PR1500 PROFESSIONAL RADIOS

These Professional Series two-way radios stand apart with a wide range of enhancements and design features designed for experienced users. The portable PR1500 offers rich, full audio quality in an ergonomic design with big knobs and controls.

Linking Communities with Project 25 (P25)

The Motorola PR1500 spans the communication needs of the local community on a day-to-day basis as well as the needs of the broader area during times of crisis. With a single software upgrade, the PR1500 becomes P25 interoperable, ready to communicate outside your network during times of crisis. You can easily communicate with other agencies and response teams, share vital information, and coordinate life-saving response efforts. Thanks to this capability, communities purchasing new PR1500 radios can apply for and use Homeland Security funding grants.

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PR1500

audio

Windporting Remote Speaker Microphone

The Windporting feature of this microphone helps lessen background noise from high winds and other severe weather conditions. Audio can pass through the speaker grill even when the microphone port is blocked by water. Now public safety professionals can be more confident than ever of clear, understandable communication when Mother Nature is uncooperative. The Windporting Remote Speaker Microphones allow talking and listening without removing the radio from the belt or case. Both have a coiled cord, Push-to-Talk switch, swivel clip, and quick disconnect latch.

PMMN4038A Remote Speaker Microphone with IP57 Rating

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 RSM

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 delay times for between 8-120 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

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 emergency tilt feature.

NTN7660C* Mandown, Public Safety Tilt Switch

*Intrinsically Safe with FM approved radio.

PMMN4038A
Remote Speaker
Microphone with
IP57 Rating



NMN6193C
Noise-Cancelling Remote Speaker
Microphone



RMN5038A
Remote Speaker
Microphone
with
Emergency
Button



Surveillance Kits:

Surveillance accessories allow users to receive messages through the earpiece and are ideal in environments that require discreet communication.

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 PMLN4455B, unless being used with a speaker microphone.

1 - WIRE SURVEILLANCE KITS

- BDN6664A* Receive-Only Earpiece with Standard Earphone (1-Wire). Beige.
- BDN6665A*† Extra Loud Receive-Only Earpiece with Standard Earphone (1-Wire). Beige.
- BDN6726A* Receive-Only Earpiece with Standard Earphone (1-Wire). Black
- BDN6727A*† Extra Loud Receive-Only Earpiece with Standard Earphone (1-Wire). Black
- BDN6666A* Receive-Only Earpiece with Volume Control and Earloop (1-Wire). Beige.
- BDN6728A* Receive-Only Earpiece with Volume Control and Earloop (1-Wire). Black.

2 - WIRE SURVEILLANCE KITS

- BDN6667A* Earpiece with Microphone and PTT Combined (2-Wire). Beige.
- BDN6669A*† Extra Loud Earpiece with Microphone and PTT Combined (2-Wire). Beige.
- BDN6729A* Earpiece with Microphone and PTT Combined (2-Wire). Black.
- BDN6731A*† Extra Loud Earpiece with Microphone and PTT Combined (2-Wire). Black.
- ZMN6032A*‡ Earpiece with Microphone and PTT Combined (2-Wire). Beige.
- ZMN6038A†‡ Extra Loud Earpiece with Microphone and PTT Combined (2-Wire). Beige.

3 - WIRE SURVEILLANCE KITS

- BDN6668A* Earpiece with Microphone and Push-to-Talk Separate (3-Wire). Beige.
- BDN6670A*† Extra Loud Earpiece with Microphone and Push-to-Talk Separate (3-Wire). Beige.
- BDN6730A* Earpiece with Microphone and Push-to-Talk Separate (3-Wire). Black
- BDN6732A* Extra Loud Earpiece with Microphone and Push-to-Talk Separate (3-Wire). Black.
- ZMN6031A* Earpiece with Microphone and PTT Separate (3-Wire). Beige.
- ZMN6039A*†‡ Extra Loud Earpiece with Microphone and PTT Separate (3-Wire). Beige.

ADAPTERS AND RECOMMENDED ACCESSORIES

- 5080369E39† Extra Loud Earphone. Beige.
- 5080370E91† Extra Loud Earphone. Black.
- NTN8613B Adapter with Keyload Capability. For use with ZMN6038A and ZMN6039A.

Surveillance Kits - With Extended-Wear Comfort Earpiece

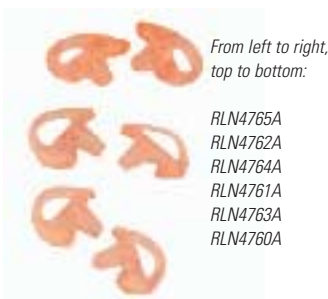
These kits include an extended-wear comfort earpiece with rubber eartip and clear, comfortable acoustic tube. Users hear transmissions clearly, while the clear tube provides a discreet appearance.

- RLN5314A Comfort Earpiece, Receive-Only. Beige.
- RLN5313A Comfort Earpiece, Receive-Only. Black.
- RLN5311A Earpiece with Microphone and PTT Combined (2-Wire). Beige.
- RLN5312A Earpiece with Microphone and PTT Combined (2-Wire). Black.

Clear Comfortable Earpieces

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



*Intrinsically Safe with FM approved radio.
 †Extra loud earphone (exceeds OSHA limits).
 ‡Requires adapter NTN8613B with keyload capabilities.

ZMN6032A
Earpiece with Microphone and PTT Combined



ZMN6031A
Earpiece with Microphone and PTT Separate



RLN5311A
Earpiece with Microphone and PTT Combined



RLN5313A
Comfort Earpiece, Receive-Only





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audio

Completely Discreet Earpiece

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

- RLN4922A Completely Discreet Earpiece Kit
- RLN4919A Replacement Earguards. 5 per pack.
- RNN4055A 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.

- BDN6719A Flexible Ear Receiver
- 7580372E11 Replacement Foam Ear Cushion

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 BDN6676D included.

- NTN1625A* Integrated Ear Microphone/Receiver System with PTT on Radio Adapter.
- NTN1624A* Integrated Ear Microphone/Receiver System with Palm PTT.
- NTN1663A* Integrated Ear Microphone/Receiver System with Ring PTT.
- NTN1736A* Integrated Ear Microphone/Receiver System with Snap-On-Side PTT.
- NNTN4186A* Integrated Ear Microphone/Receiver System with Body PTT.

*Intrinsically Safe.

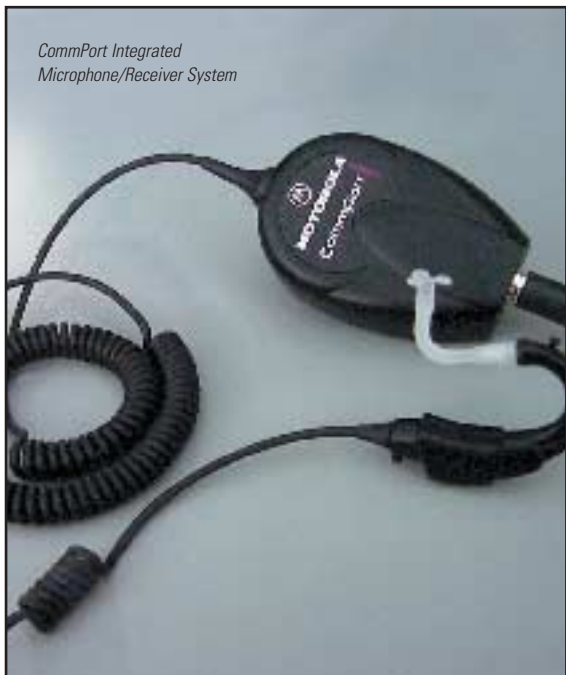


RLN4922A
Completely
Discreet
Earpiece
Kit

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!



Completely Discreet
Earpiece Receiver



CommPort Integrated
Microphone/Receiver System

Temple Transducer:

Representing a significant achievement in headset design and functionality, it allows the user to receive audio without covering the ear.

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. PTT or Voice-Activated (VOX) Interface Module required, 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).
0180305J46	Training CD-ROM For Ems and Temple Transducer.
BDN6708B*	Push-to-Talk Only Interface Module
BDN6671B*	Push-to-Talk or Voice-Activated Interface Module. VOX operational only on conventional channel.

OPTIONAL ACCESSORIES FOR EMS

0180358B38*	Remote Push-to-Talk Ring Switch
0180300E83*	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.

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. Sound vibration is transmitted through the surrounding tissue and bone directly into the inner ear. It features an In-line PTT and noise-cancelling boom microphone. The Temple Transducer can help enhance 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.

RMN4049A*	Temple Transducer
RMN5049A*	Rugged Temple Transducer
0180305J46	Training CD-ROM. For EMS and Temple Transducer.

*Intrinsically Safe.





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audio

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 used with a RSM.
- BDN6676D* 3.5mm Audio Adapter with Quick Disconnect Latch
- 7580372E70 Replacement Foam Cushion for Pellet Earpieces

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 Boom Microphone and In-Line PTT Switch. Requires audio adapter BDN6676D.
- NMN6246B* Ultra-Lightweight Headset with Boom Microphone, In-Line PTT Switch. Earbud style receiver. Requires audio adapter BDN6676D.
- BDN6676D 3.5mm Audio Adapter with Quick Disconnect Latch

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.

- NMN6258A* Medium Weight, Dual-Muff, Over-the-Head Style Headset with In-line PTT. Noise reduction = 24dB.
- NMN6259A* Medium Weight, Dual-Muff, Behind-the-Head Style Headset. Can be worn with hardhat. Noise reduction = 24dB.
- RMN4051B Two-way, Hardhat Mount Headset with Noise-Cancelling Boom Microphone
- RKN4095A In-Line PTT Adapter Cable for RMN4051B

Noise-Cancelling Headsets With Boom Microphone

Ideal for two-way communication in extremely noise environments. 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 RKN4095A required.

- RMN4052B Tactical Headband Style Headset. Grey, Noise Reduction = 24dB.
- RMN4053B Tactical Hardhat Mount Headset. Grey, Noise Reduction = 22dB.
- RKN4095A Adapter Cable with In-Line Push-to-Talk. For use with RMN4052B, and RMN4053B.

NMN6245A
Single-Muff, Lightweight
Headset with
Boom Microphone and
In-Line
PTT Switch*



*NMN6258A
Medium Weight,
Dual-Muff
Headset with
In-line PTT*



*RMN4052B
Tactical Headband
Style Headset*



*Intrinsically Safe when used with FM approved radio.

Racing Headset:

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



Racing Headset

This heavy-duty headset can be worn with most hardhats. It's ideal for high-noise environments, racing teams like CART® use it in the pits for dependable communication. Adapter required.

RMN5015A Racing Headset
RKN4093B Adapter Cable for RMN5015A

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. Heavy-duty headsets require radio adapter cable BDN6640A, sold separately.

BDN6645A* Push-to-Talk Headset with Boom Microphone
 Requires adapter cable BDN6640A.
 Noise reduction rating = 24dB.

BDN6635B* Voice-Activated (VOX) Headset with Boom Microphone
 Requires adapter cable BDN6640A.
 Noise reduction rating = 24dB.

BDN6636B* Voice-Activated (VOX) Headset with Throat Microphone
 Requires adapter cable BDN6640A.
 Noise reduction rating = 24dB.

BDN6640A* Radio Adapter Cable

*RMN5015A
Racing Headset*



*BDN6645A
Push-to-Talk
Headset
with Boom
Microphone*



*Intrinsically Safe when used with FM approved radio.



PR1500

carry packs

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 virtually any radio.

- HLN6602A Universal Chest Pack with Radio Holder, Pen Holder and Velcro Secured Pouch
- 1505596Z02 Replacement Strap for HLN6602A

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 Break-a-Way Chest Pack with Radio Holder, Pen Holder and Velcro Secured Pouch.
- 1505596Z02 Replacement Strap for RLN4570A

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
- 4280384F89 RadioPAK Extension Belt For waists larger than 40 inches.



*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.*

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 case selection of Motorola Original® carry accessories.

carry accessories

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.

NNTN4115A	Leather Case with High-Activity Swivel Features 3 inch swivel belt loop, D-rings and T-strap.
NNTN4116A	Leather Case with High-Activity Swivel Features 2.5 inch swivel belt loop, D-rings and T-strap.
NNTN4117A	Leather Case with Belt Loop Features 3 inch belt loop, D-rings and T-strap.
NTN7247A	Nylon Case with Snap Belt Loop and T-strap

CARRY ACCESSORIES

TDN9675B	Wrist Strap. Attaches to the radio allowing it to be worn around the wrist.
4200865599	1.75 Inch Wide Black Leather Belt For all models.
NTN5243A	Adjustable Black Nylon Carrying Strap Attaches to "D" ring on case.
NTN8383A	Leather T-strap, Plain Action Snap
NTN8384A	Leather T-strap, Hard Action Snap

BELT CLIPS

HLN6853A	2.25 Inch Spring Action Belt Clip
HLN9844A	2 Inch Removable Belt Clip Attachment

HIGH-ACTIVITY BELT LOOPS

NTN8039B	Leather Swivel Belt Loop. 2.5 Inches.
NTN8040B	Leather Swivel Belt Loop. 3 Inches.

WATERPROOF BAG

HLN9985B	Waterproof Bag Includes large carrying strap.
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PR1500

chargers

Rapid-Rate, Universal Charger

This tri-chemistry charger support Nickel Cadmium, Nickel Metal Hydride and Lithium-ion batteries. It can rapid charge most batteries to 90% capacity in one to two hours and employ trickle and maintenance modes that ensure batteries are safely charged to full-capacity.

NTN1667A Universal Charger, 120 Volt, US Plug



NTN1667A
Rapid-Rate,
Universal Charger

IMPRES™ Chargers

Through the use of advanced charging algorithms and automatic reconditioning features, the IMPRES™ Smart Energy System ensures maximum talk-time and optimized battery cycle life. This smart energy system automatically reconditions IMPRES™ batteries based on actual usage, keeping them in peak condition. 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.

WPLN4111AR IMPRES™ Single-Unit Charger, 120 Volt
WPLN4108BR IMPRES™ Multi-Unit Charger, 120 Volt
NLN7967A Wall Mount for Multi-Unit Chargers

WPLN4111AR
IMPRES™ Single-Unit
Charger



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, and voltage. Readout displays battery kit number, serial number and chemistry and the time remaining to complete the charge for NiCd and NiMH batteries. 120 Volt.

WPLN4130A IMPRES™ Multi-Unit Charger with Display Modules



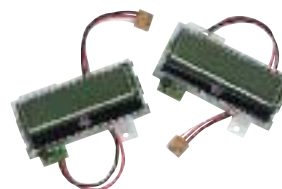
WPLN4130A
IMPRES™
Multi-Unit Charger
with Display
Modules

IMPRES™ Individual Charger Display Module

Compatible with the standard IMPRES™ Multi-Unit Charger WPLN4108BR. 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.



RLN5382A
Charger Display
Module

Battery Optimizing System II:

Regular use of the BOS II can optimize battery performance and help extend battery life, helping reduce battery replacement costs.

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 customizable User Programs
- 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

WPLN4124AR	BOS II, 4-Station, 90-264V, AC, US Plug. Adapter Plates Required.
WPLN4125AR	BOS II, 4-Station, 90-264V, AC, Euro/UK Plug. Adapter Plates Required.
	BOS ADAPTER
RL-76341	Standard Adapter for BOS II

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} , 120V, AC, 50/60 Hz, US Plug
WPLN4080BR	6-Station BMS ^{PLUS} , 230V, AC, 50/60 Hz, Euro Plug
WPPN4085AR	BMS ^{PLUS} Li-ion Field Upgrade Kit. Upgrades WPLN4079AR, and WPLN4080AR. Allows units to support Li-ion batteries.
NDN4005B	3-Station BMS ^{PLUS} , 120V, AC, 50/60 Hz. Does not support Li-ion or 3-cell batteries.
NDN4006B	3-Station BMS ^{PLUS} , 230V, AC, 50/60 Hz. Does not support Li-ion or 3-cell batteries.

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

BMS^{PLUS} ADAPTERS

WPPN4097AR	NiCd and NiMH Adapter, 7.5V
WPPN4080AR	NiCd, NiMH and Li-ion Adapter. Requires Li-ion capable BMS ^{PLUS} .



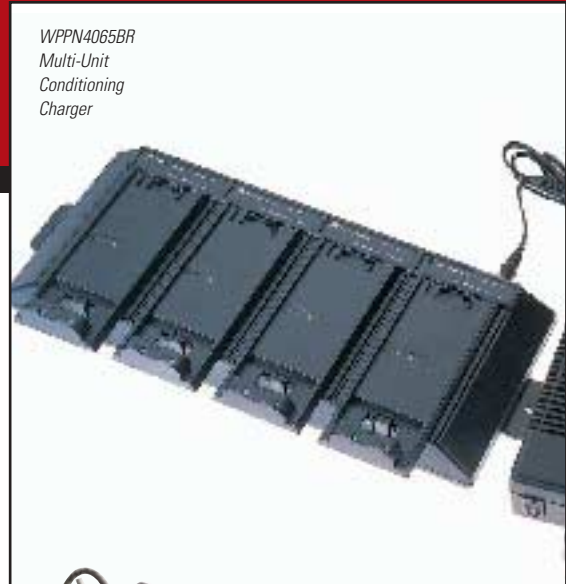


PR1500

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.



WPPN4065BR
Multi-Unit
Conditioning
Charger

- WPLN4107BR Charger Kit, 120 Volt AC.
Includes both Base Charger Unit and 7 Volt Adapter Plate.
- WPLN4106BR Charger Kit, 220 Volt AC.
Includes both Base Charger Unit and 7 Volt Adapter Plate.
- WPPN4065BR Multi-Unit Conditioning Charger,
4-Station Base, 120 Volt.
Adapter Plate sold separately.
- WPPN4082BR 7 Volt Adapter Plate
- 3080384G15 Vehicular Power Adapter
- 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.
For vehicular installation.



RLN4814A
Vehicular Mounting
Bracket and
Hard Wire
Cable

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.

- RLN4884B Vehicular Travel Charger
Includes Mounting Bracket
0780384K84.
 - RLN5914A Travel Charger Mounting Bracket Kit
Includes screws and nylon cord.
- TRANSFORMERS FOR CHARGER**
- 2580600E05 Transformer, 120V (US)
 - 2580600E06 Transformer, 230V (Euro)
 - 2580600E07 Transformer, 230V (UK)
 - 2580600E08 Transformer, 220V (Argentina)



RLN4884B
Vehicular
Travel Charger

Motorola Original® Batteries:

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

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 METAL HYDRIDE - NiMH
NTN9858C	NiMH, 2100 mAh 7.5 Volt
NTN9857C	NiMH, 2000 mAh 7.5 Volt. Intrinsicly Safe.
NNTN6263A	NiMH, 2000 mAh 7.5 Volt. Intrinsicly Safe, Ruggedized.

Motorola Original® Batteries

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

	PREMIUM NICKEL CADMIUM - NiCd
NTN9815B	NiCd, 1525 mAh 7.5 Volt
NTN9816B	NiCd, 1525 mAh 7.5 Volt. Intrinsicly Safe.



antennas

Flexible Whip

Antenna has a one-piece finish and steel core for optimal strength and better radiation characteristics. Provides more comfort when radio is worn on the belt.

NAE6549AR	UHF Flexible Whip, 380-520 MHz, 7 Inch
8505241U03	Flexible 1/2 Wave Whip Antenna, 806-869 MHz, 7 Inch
8505241U11	Flexible 1/4 Wave Whip Dual Band, 764-870 MHz, 7 Inch

Stubby

This quarterwave Stubby Antenna is ideal when radio is worn on the 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.

8505241U06	Stubby 1/4 Wave Antenna, 806-941 MHz, 4 Inch
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Helical

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.

8505644V01	Wideband Helical, 136-151 MHz, 7.5 Inch
8505644V02	Wideband Helical, 150.8-162 MHz, 6.5 Inch
8505644V03	Wideband Helical, 162-174 MHz, 6.5 Inch
NAE6546AR	UHF Helical, 403-435 MHz, 3 Inch
NAE6547AR	UHF Helical, 435-470 MHz, 3 Inch
NAE6548AR	UHF Helical, 470-520 MHz, 3 Inch
8505518V01	Wideband Dipole, 136-174 MHz, 8 Inch





PM1500™

Motorola Original® Accessories let you make the most of your PM1500 mobile radio's capabilities.

You likely chose your Motorola PM1500™ 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 antenna, a clumsy handset or an ill-fitting mounting, 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 Public Address Speakers for more crowd control. In-vehicle mounting accessories for ease of use when on the move. A variety of antennas to extend range, and help maximize communication in urban areas. They're all ready to help you work smarter, harder, and with greater confidence.

*For professional communication
on the move, the superb quality
and functionality of the
PM1500 can't be beat.*

PM1500 PROFESSIONAL RADIOS

Motorola has taken all the features you expect in a two-way mobile radio and elevated them to a greater level of performance in the PM1500 radio. Favored by public safety, public works, utility, transportation and construction professionals, the PM1500 radio offers durability, extensive signaling, and a standard external speaker for users who deal with tough, loud conditions and depend on clear communication.

Linking Communities with Project 25 (P25)

With a single software upgrade, the PM1500 becomes P25 interoperable. This vital feature gives you the ability to interact with other networks in times of crisis. Check with your Motorola Authorized Dealer or Representative for more information.





PM1500™

mobile audio

Microphones

Standard Compact Microphone

The Standard Compact Microphone provides basic Push-To-Talk functionality and ships with all PM1500 mobile radios.

HMN1090A Standard Compact Microphone

Enhanced Keypad Microphone

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

HMN4079C Enhanced Keypad Microphone

Water Resistant Microphone

This microphone is ideal for dual control head configuration.

HMN1089A Enhanced Keypad Microphone

Telephone-Style Handset

Telephone-style Handset is ideal for conducting private conversation. Users can transmit and receive messages through this ergonomic handset. Includes hang-up cup.

HLN1457A Handset with Hang-up Cup

Hands Free Accessories

Visor Microphone and PTT Switches

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

HMN4089A Visor Microphone

EXTERNAL PTT ACCESSORIES

HLN5131C Pushbutton with Push-to-Talk
Can be held in the hand, or mounted to the vehicle with touch fasteners.

GLN7278B Foot Switch with Push-to-Talk
Mounts to floor of vehicle

HMN1087A Gooseneck Mount with Push-to-Talk
Attaches to vehicle steering column.

Emergency Foot Switch

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

HLN5113B Emergency Foot Switch
Compatible with HMN4089A.



HMN1090A
Standard Compact
Microphone



HMN4079C
Enhanced Keypad
Microphone

*For conversations
on the road, a
Pushbutton with
Push-to-Talk can be
connected to a Visor
Microphone and
either held in the
hand or mounted
to the vehicle
with touch fasteners.*

Low Profile Antenna Kits:

A complete Low Profile Antenna Kit helps make antenna installation easy for multipoint mobile applications.

mounting and speakers

Mounting Brackets and Cables

Installation and lock options for PM1500 mobile radios.

HKN6186A	Remote Mount Trunnion
HLN6910A	High Power Trunnion Requires HLN6909A and 5564610H02.
HLN6909A	Quick Release, High Power Trunnion Requires 5564610H02.
5564610H02	Quick Release Lock Helps provide extra theft protection. Secures radio in the mounting bracket.
5564957H01	Spare Trunnion Key For Quick Release Lock 5564610H02.

CABLES TO BATTERY

HKN4192B	Standard Power Cable, 12V - 20 feet
HKN6188A	Control Head Power Cable Includes ignition sense.

REMOTE MOUNT CABLE

HKN6164A	Remote Mount Cable - 131 feet
HKN6165A	Remote Mount Cable - 115 feet
HKN6166A	Remote Mount Cable - 75 feet
HKN6167A	Remote Mount Cable - 50 feet
HKN6168A	Remote Mount Cable - 30 feet
HKN6169A	Remote Mount Cable - 17 feet
HKN6170A	Remote Mount Cable - 10 feet

External Alarm Relay Accessories

These External Alarm Relay accessories can help provide extra protection from radio theft and tampering.

TLN4533B	External Alarm Relay Cable Kit
HKN4258C	External Alarm Cable
HLN6953A	Alarm Buzzer

Speakers and Public Address Kits

Communicate with many in emergencies, and at public events.

HSN4038A	External 7.5 Watt Speaker
HSN4039A	External Water-Resistant Speaker, 13W Requires cable HKN6127A for dash mount.
HKN6127A	Adapter Cable

antennas

Low Profile Antenna Kits

Complete kit helps make installation easy for multipoint mobile applications. Includes a 3/4 inch brass mount with 17 feet of RG58U/U cable.

RAD4010ARB	Chrome, 136-174 MHz, 3 dB Gain Roof Mount
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Magnetic Mount Antennas

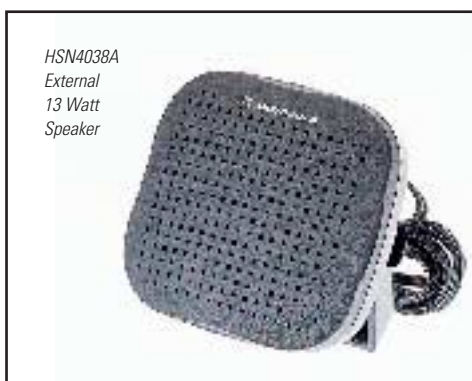
Ideal where signal is sparse and must cover wide areas.

HAE6010A	UHF, 360-433 MHz, 3.5dB Gain Roof Mount
HAE4011A	UHF, 450-470 MHz, 3.5dB Gain Roof Mount
RAE4014ARB	UHF, 450-470 MHz, 5dB Gain Roof Mount
HAE6013A	UHF, 380-470 MHz, Wideband, 2dB Gain

Wave Base Roof Mount Antennas

Ideal for urban areas where buildings might obstruct the signal.

HAD4006A	136-144 MHz, 1/4 Wave Roof Mount
HAD4007A	144-152 MHz, 1/4 Wave Roof Mount
HAD4008A	152-162 MHz, 1/4 Wave Roof Mount
HAE6012A	136-174 MHz, 1/4 Wave Roof Mount
HAD4017A	146-174 MHz, 1/4 Wave Roof Mount
HAD4009A	162-174 MHz, 1/4 Wave Wideband Roof
HAE4003A	450-470 MHz, 1/4 Wave Roof Mount



Call us today to
enhance your portable
or mobile radio capabilities
with high-performance
Motorola Original[®]
accessories.

**STREAMLINED SOLUTIONS FOR
A SINGLE RADIO OR ENTIRE FLEET**

Every Motorola PR1500 and PM1500 Professional Series radio can be customized to suit your current and future communication needs. All Motorola Original[®] accessories are built to the highest standards of quality, and are specially engineered to perfectly complement your radio's performance.

So don't wait any longer to increase your productivity with optimum two-way radio performance. Call now for more information.



Call our experts today for more information.



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Specifications subject to change without notice.

ACCY-MIDTIER4 (06-07)



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