



# SAFETY DOESN'T END WITH THE RADIO



**ACCESSORIES FOR MOTOROLA'S APX™  
PROJECT 25 PORTABLES**



## MISSION CRITICAL DEMANDS. SAFETY FOCUSED

In an emergency, your radio is your lifeline, and can mean the difference between survival and tragedy. Accessories and batteries are critical to that lifeline as well. Every Motorola battery, charger, audio accessory, carry case and antenna is best-in-class technology, designed and optimized specifically for your APX portable.



APX 7000



APX 7000XE



APX 6000



# AUDIO ACCESSORIES

## IMPRES DISPLAY REMOTE SPEAKER MICROPHONES (RSM)

IMPRES-enabled RSMs include a display that mirrors the radio's top display to show zone and channel information at-a-glance. Meets rugged\*\* specifications for submersibility and includes a rugged, submersible audio jack.



**HMN4104**  
IMPRES Display Remote Speaker Microphone with audio jack, channel selector, radio volume control, 2 programmable buttons and orange button. Windporting and Rugged\*.



**HMN4103**  
IMPRES Display Remote Speaker Microphone with audio jack, radio volume control, 2 programmable buttons and orange button. Windporting and Rugged\*.



**RLN6424**  
Receive-Only Earpiece with translucent tube and rubber eartip, IP54\*



**RMN5116**  
Receive and Transmit Boomless Temple Transducer\*



**3075336B17**  
Replacement Cord for HMN4104, HMN4103 and HMN4101



**0105954U29**  
Replacement Clear Acoustic Tube with Rubber Eartip for RLN6424



**67009254001**  
Replacement Rubber Eartip for RLN6424 (10 per pack)

## IMPRES REMOTE SPEAKER MICROPHONES

All RSMs include a push-to-talk switch, swivel clip and quick disconnect latch. They also have been designed with a large housing for users operating with gloves or in more rugged environments.

### MISC. AUDIO ADAPTERS

**BDN6783**  
3.5 mm Audio Adapter

**NNTN7869**  
APX Surveillance Keyload Adapter



**HMN4101**  
IMPRES Remote Speaker Microphone with rugged, submersible audio jack, radio volume control, 2 programmable buttons and orange button. Windporting and Rugged\*.



**PMMN4062**  
IMPRES Remote Speaker Microphone with 3.5mm audio jack on the head of the microphone, orange button. Noise-Canceling, IP54\*



**PMMN4065**  
IMPRES Remote Speaker Microphone with volume switch (high/low), orange button and one programmable button, Windporting, Ruggedized\*



**PMMN4069**  
IMPRES Remote Speaker Microphone with Windporting, IP55\*



**RLN6075**  
IMPRES Remote Speaker Microphone replacement coil cord for PMMN4062, PMMN4065 and PMMN4069

## APX SPEAKER MICROPHONES OFFER ENHANCED AUDIO CAPABILITIES.

These APX Remote Speaker Microphones and Public Safety Microphones have been designed to include the same speaker that is in the APX portable radio. These microphones deliver audio that is clearer, more intelligible and up to 50% louder than XTS-series RSMs.

The windporting feature dramatically lessens background noise from 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.

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

\*\* Rugged accessories and batteries exceed industry standards (IPx7) for submersibility and provide a higher level of water protection—MIL-STD-810E, Method 512.3 Immersion. These accessories and batteries meet the incremental requirement of submersion in 1 meter of fresh water that is 27C colder than the product.

# AUDIO ACCESSORIES

## IMPRES PUBLIC SAFETY MICROPHONE (PSM)

This IMPRES-enabled microphone is designed with an antenna to offer confidence in communication and increased coverage to Public Safety officials. All PSMs include 3.5mm audio jack, orange button and radio volume control. Antenna is sold separately.

Public Safety Microphones are available with 700/800 MHz portables only.

### PMMN4061

IMPRES Public Safety Microphone (30 inch cable) Windporting, IP55\*

### PMMN4060

IMPRES Public Safety Microphone (24 inch cable) Windporting, IP55

### PMMN4059

IMPRES Public Safety Microphone (18 inch cable) Windporting, IP55\*



## RSM AND PSM ACCESSORIES

Allow users to receive audio discreetly when wearing an RSM. Any of the above microphones that have a 3.5mm audio jack are compatible with the following:



### AARLN4885

Receive-Only Covered Earbud with coiled cord\*



### RLN4941

Receive-Only Earpiece with translucent tube and rubber eartip\*



### WADN4190

Receive-Only Flexible Earpiece\*

## RECEIVE-ONLY SURVEILLANCE KITS

Simple, cost-effective solution when discreet communications is needed. Privately receive messages with the earpiece.



### RLN5878

Receive-Only Earpiece, black\*

### RLN5879

Receive-Only Earpiece, beige\*

## IMPRES 2-WIRE AND 3-WIRE SURVEILLANCE KITS

Allow the user to both transmit and receive discreet communications.

All kits include one programmable-button for quick and easy access to critical radio features.

2-Wire kits include one wire for receiving and one wire for the microphone.

3-Wire kits include one wire for receiving, one wire for the microphone and one wire for the push-to-talk.



### RLN5880

IMPRES 2-Wire Surveillance Kit, black\*

### RLN5881

IMPRES 2-Wire Surveillance Kit, beige\*



### RLN5882

IMPRES 2-Wire Surveillance Kit with translucent tube, black\*

### RLN5883

IMPRES 2-Wire Surveillance Kit with translucent tube, beige\*



### PMLN5111

IMPRES 3-Wire Surveillance Kit with translucent tube, black\*

### PMLN5112

IMPRES 3-Wire Surveillance Kit with translucent tube, beige\*

## NOISE KITS

Provide extra comfort and noise protection for users wearing surveillance accessories. Lightweight, translucent tube attaches to the surveillance accessory to provide flexibility and comfort, while clothing clip prevents accessory from being pulled from the ear. For optimal performance, extra loud earphones are recommended for noise kits.



### RLN5886

Low Noise Kit, includes 1 clear rubber eartip. For low-noise environments (does not provide hearing protection)\*



### RLN5887

Extreme Noise Kit, includes 2 foam earplugs. For high-noise environments (Noise Reduction = 24dB)\*

## IMPRES TEMPLE TRANSDUCER

This headset allows the user to receive audio without covering the ear, allowing users to have their ears open to all external sounds such as warning and fire alarms, machinery and outside traffic.



### PMLN5101

IMPRES Temple Transducer with boom microphone and in-line push-to-talk button\*

# AUDIO ACCESSORIES

## HEAVY DUTY HEADSET

Designed for rugged use in noisy environments where hearing protection is required. This dual-muff headset includes flexible noise-canceling boom microphone with a push-to-talk switch located on the earcup. This can be worn with or without a helmet.



**PMLN5275**  
Heavy Duty Headset,  
Noise Reduction = 24dB\*

## LIGHTWEIGHT HEADSET

Provides high-clarity, hands-free discreet two-way communication, while maintaining the comfort necessary for extended wear in moderate noise environments. This single-muff adjustable headset comes with rotating boom microphone for left or right positioning. Includes an in-line push-to-talk button.



**RMN5058**  
Lightweight Headset, over-the-head,  
single-muff with in-line push-to-talk\*

## MISSION CRITICAL WIRELESS EARPIECE

This earpiece is designed specifically for first responders. Seamless, streamlined and encrypted with strong 128 bit keys. This lightweight earpiece can be worn comfortably for long shifts common in public safety and performs well in loud environments.



**NTN2573**  
Mission Critical Wireless Earpiece with  
short cord (190 mm)



**NTN2570**  
Mission Critical Wireless Earpiece with  
long cord (280 mm)



**NTN2572**  
Replacement Wireless Earpiece, long cord



**NTN2575**  
Replacement Wireless Earpiece, short cord



**NTN2574**  
Replacement Push-to-Talk Pod

## IMPRES EAR MICROPHONE SYSTEM

Lightweight earpiece that picks up sound through bone vibration. A built-in bone conduction microphone and receiver eliminate the need for a boom microphone.



**PMLN5463**  
IMPRES Ear Microphone System with  
large, protected ring push-to-talk button  
and one programmable button

## ADVANCED IMPRES AUDIO ACCESSORIES

Whether it's a whisper during a covert operation in a dark alley or commanding a noisy fire scene, Motorola's exclusive IMPRES audio accessories are designed to optimize its output based on the accessory worn. A covert officer whispering into his IMPRES 3-wire surveillance microphone is heard clearly by his commanding officer. A police officer directing traffic in a windy rainstorm is heard by the dispatcher even though his microphone port has been exposed to water.

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

# CARRY DEVICES

## UNIVERSAL CARRY HOLDER

Sturdy hard-plastic case with a belt clip designed to support APX dual-display portables. The large display remains protected by facing in on the belt. Each case supports all available APX batteries.

**PMLN5331**  
APX 7000 Universal Carry Holder for Top Display and Dual Display

**PMLN5709**  
APX 6000 Universal Carry Holder for Models I, II, III



**NTN9179**  
Leather Swivel Belt Loop and D-clip (converts Universal Carry Holder to a Swivel Carry Holder)

## LEATHER CARRY CASES

Constructed of top-grain leather designed to withstand the harsh conditions of public safety use. Choose a fixed or swivel belt loop solution. Swivel belt loop cases include a metal D-ring to help the case stay secure in high activity applications while allowing the radio to swing freely with body movements.

### APX 7000 LEATHER CARRY CASES



**PMLN5323**  
APX 7000 Leather Carry Case with 3" fixed belt loop for NNTN7038, PMNN4403, NNTN8092 batteries



**PMLN5326**  
APX 7000 Leather Carry Case with 3" fixed belt loop for NNTN7033 and NNTN7034 batteries



**PMLN5329**  
APX 7000 Leather Carry Case with 3" fixed belt loop, for NNTN7035, NNTN7036, NNTN7037 and NNTN7573 batteries



**PMLN5324**  
APX 7000 Leather Carry Case with 2.75" swivel belt loop, D-rings for NNTN7038, PMNN4403, NNTN8092 batteries



**PMLN5327**  
APX 7000 Leather Carry Case with 2.75" swivel belt loop for NNTN7033 and NNTN7034 batteries



**PMLN5330**  
APX 7000 Leather Carry Case with 2.75" swivel belt loop, for NNTN7035, NNTN7036, NNTN7037 and NNTN7573 batteries

### APX 7000XE LEATHER CARRY CASES



**NNTN8112**  
APX 7000XE Leather Carry case with 3" fixed belt loop for NNTN7038, PMNN4403, NNTN8092 batteries



**NNTN8114**  
APX 7000XE Leather Carry case with 3" fixed belt loop for NNTN7033 and NNTN7034 batteries



**NNTN8116**  
APX 7000XE Leather Carry case with 3" fixed belt loop for NNTN7035, NNTN7036, NNTN7037 and NNTN7573 batteries



**NNTN8111**  
APX 7000XE Leather Carry Case with 2.75" swivel belt loop for NNTN7038, PMNN4403, NNTN8092 batteries

### APX 6000 LEATHER CARRY CASES



**NNTN8113**  
APX 7000XE Leather Carry Case with 2.75" swivel belt loop for NNTN7033 and NNTN7034 Batteries



**NNTN8115**  
APX 7000XE Leather Carry Case with 2.75" swivel belt loop for NNTN7035, NNTN7036, NNTN7037 and NNTN7573 batteries



**PMLN5658**  
APX 6000 Leather Carry case with 3" fixed belt loop for NNTN7038, PMNN4403, NNTN8092 batteries



**PMLN5660**  
APX 6000 Leather Carry case with 3" fixed belt loop for NNTN7033 and NNTN7034 Batteries

# CARRY DEVICES



**PMLN5657**  
APX 6000 Leather Carry Case with 2.75" swivel belt loop for NNTN7038, PMNN4403, NNTN8092 batteries



**PMLN5659**  
APX 6000 Leather Carry Case with 2.75" swivel belt loop for NNTN7033 and NNTN7034 Batteries

## LEATHER FLIP CARRY CASE

This new innovative carry case is designed to allow users to flip down the carry case to view the radio display and operate the radio keys without having to remove the radio from the belt. Users access key information while on the go and the radio remains protected in its case. This case is constructed of top-grain leather designed to withstand the harsh conditions of public safety use.



**PMLN5560**  
APX 7000 Dual Display Portable Leather Flip Carry Case for NNTN7038, PMNN4403, NNTN8092 batteries

## NYLON CARRY CASES

A cost-effective sturdy solution for users on the go. Nylon cases feature D-rings that allow the case to be attached to a carrying strap



**PMLN5322**  
APX 7000 Nylon Carry Case with 3" fixed belt loop for NNTN7038, PMNN4403, NNTN8092 battery



**PMLN5325**  
APX 7000 Nylon Carry Case with 3" fixed belt loop for NNTN7033 and NNTN7034 batteries



**PMLN5328**  
APX 7000 Nylon Carry Case with 3" fixed belt loop for NNTN7035, NNTN7036, NNTN7037 and NNTN7573 batteries

## BELT CLIPS



**NTN8266**  
2.5" Plastic Belt Clip  
**HLN6875**  
3" Plastic Belt Clip



**PMLN5407**  
2.5" Stainless Steel Swivel Belt Loop (Replacement loop for carry cases with a swivel belt loop)



**PMLN5408**  
2.75" Stainless Steel Swivel Belt Loop (Replacement loop for carry cases with a swivel belt loop)



**PMLN5409**  
3.0" Stainless Steel Swivel Belt Loop (Replacement loop for carry cases with a swivel belt loop)

## BELTS AND STRAPS



**NTN5243**  
Adjustable Carrying Strap



**4200865599**  
1.75" Wide Leather Belt

# ANTENNAS



**SINGLE-BAND ANTENNAS**  
Optimum length designed for higher gain to maximize range. This rugged capless design provides maximum flexibility. Also provides built-in GPS capability.  
**NAF5085**  
700/800 MHz Whip Antenna (764-870 MHz)  
**PMAE4065**  
UHF Whip Antenna (380-520 MHz)

**APX 6000 SINGLE-BAND STUBBY ANTENNAS**  
**NAR6595**  
700/800 MHz Antenna (764-870 MHz)  
**FAF5259A**  
UHF Antenna (380-520 MHz)

**DUAL-BAND ANTENNAS**  
Maximize interoperability with a dual band antenna. These whip antennas that have one-piece finish, steel core and spiral wound conductor for

optimal radiation characteristics. Also provides built-in GPS capability.  
**NAR6591**  
VHF (136-174 MHz) and 700/800 MHz (764-870 MHz) Antenna  
**PMAS4000**  
UHF (380-520 MHz) and 700/800 MHz (764-870 MHz) Antenna  
**PMAT4001**  
VHF (136-174 MHz) and UHF (380-520 MHz) Antenna

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# ANTENNAS

## GPS ANTENNA

This antenna is required when a user has a Public Safety Microphone attached to the radio and still needs GPS capability.

### NAG4000

GPS Stubby Antenna



## PUBLIC SAFETY MICROPHONE ANTENNA

Stubby antenna designed to attach to the Public Safety Microphone.

### PMAF4002

700/800 MHz Stubby Antenna for the Public Safety Microphone



# BATTERIES

## IMPRES BATTERIES

Incorporate a Motorola exclusive battery to IMPRES charger communication technology that maximizes talk-time and optimizes battery cycle life—all automatically.



**NNTN7038**  
Li-ion 2900mAh IP67



**PMNN4403**  
Li-Ion 2150mAh, Slim, IP67



**NNTN8092**  
Li-Ion 2300mAh, Intrinsically Safe\*, Rugged\*\*



**NNTN7034**  
Li-ion 4200mAh IP67



**NNTN7033**  
Li-ion 4100mAh Intrinsically safe\*, IP67



**NNTN7037**  
NiMH 2100mAh IP67



**NNTN7573**  
NiMH 2100mAh Rugged\*\*



**NNTN7036**  
NiMH 2000mAh Intrinsically safe\*, IP67



**NNTN7035**  
NiMH 2000mAh Intrinsically safe\*, Rugged\*\*



**THERE ARE 4 DIFFERENT SIZES OF BATTERIES IN THE APX PORTFOLIO**

## ADVANCED IMPRES BATTERIES AND CHARGERS

We know that when heading into the burning building or staking out a hostage situation, first responders need to be assured their batteries will last. Motorola's exclusive IMPRES smart energy system provides automatic, adaptive reconditioning, end-of-life display that maximize talk-time and optimize battery cycle life—all automatically. Batteries can be safely left on the charger without damaging the battery and batteries are kept fully charged, so you can be assured they are always ready when you head for a call.

\*\* Rugged accessories and batteries exceed industry standards (IPx7) for submersibility and provide a higher level of water protection—MIL-STD-810E, Method 512.3 Immersion. These accessories and batteries meet the incremental requirement of submersion in 1 meter of fresh water that is 27C colder than the product.

# CHARGERS

## IMPRES SINGLE UNIT CHARGER

Ensures maximum talk time and optimized battery cycle life. Automatically reconditions IMPRES batteries based on actual usage, keeping them in peak condition. This is a compact, rapid rate, cost-effective charging solution. All APX radios and batteries are compatible with this charger.



**NNTN7080**  
IMPRES Single-Unit Charger

## IMPRES DUAL UNIT CHARGER

APX IMPRES Dual-Unit Chargers provide public safety personnel the convenience of a spare battery that is charged and ready to be used at all times. This dual pocket design allows simultaneous charging of primary and secondary batteries. This Next Generation IMPRES charger provides advanced features, including the ability to turn on/off reconditioning, reduced reconditioning time and improved energy efficiency. These rapid rate chargers are available with or without a display and are compatible with all APX radios and batteries.



**NNTN7586**  
IMPRES Dual-Unit Charger



**NNTN7593**  
IMPRES Dual-Unit Charger with Display Modules

## IMPRES MULTI-UNIT CHARGER

Ensures maximum talk-time and optimized battery cycle life. Automatically reconditions IMPRES batteries based on actual usage, keeping them in peak condition. These rapid rate 6-unit chargers are available with or without a display. Display modules provide powerful analyzing information, such as current charge status and actual battery capacity in mAh. All APX radios and batteries are compatible with these chargers.



**NNTN7065**  
IMPRES Multi-Unit Charger



**NNTN7073**  
IMPRES Multi-Unit Charger with Display Modules

## APX INSERTS FOR XTS CHARGERS

These inserts allow APX batteries to be charged the existing XTS IMPRES single unit and multi unit chargers.



**NNTN7686**  
Insert for WPLN4108/4130 XTS Multi-Unit Charger



**NNTN7687**  
Insert for NTN1873/WPLN4111 XTS Single-Unit Charger



**RLN5382**  
Individual IMPRES Display Module for NNTN7065

## IMPRES VEHICULAR CHARGER

The APX IMPRES vehicular charger has full IMPRES charger to battery communication capability. This ensures continuity of IMPRES battery charge data logging in a vehicular environment, so the IMPRES battery will receive adaptive, automatic reconditioning and will qualify for the 6-month capacity warranty extension.

NOTE: The IMPRES compatible vehicular charger will not recondition IMPRES batteries while in a vehicle, but it will provide an indication when reconditioning is required in an IMPRES desktop charger.



**NNTN7624**  
IMPRES Vehicular Charger

# CHARGERS

## APX TRAVEL CHARGER

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.



**RLN6434**  
APX Travel Charger

## 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



**NNTN7677**  
Multi-Unit Charger Interface Unit, attaches to an APX, XTS, MOTOTRBO and Professional Series 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.



**NNTN8045**  
Single-Unit Charger Interface Unit, attaches to an APX, MOTOTRBO and Professional Series IMPRES single-unit charger to enable the data transfer to IMPRES Battery Fleet Management. A CIU is required for IMPRES chargers that report data to the IMPRES Battery Fleet Management.

## 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, system software, USB cord and adapter inserts for APX, MOTOTRBO and Professional Series radios.



**NNTN7392**  
IMPRES Battery Reader

# APX ONLINE. COMPLETE SPECS. 360-DEGREE VIEWS.



Go online to [motorola.com/apx](http://motorola.com/apx) for more information about each of the APX Portables.

- Interactive 360-degree views of each model.
- Complete hardware specs, including Performance Characteristics, Physical Characteristics, and Radio Features.
- View complete accessory portfolio
- Downloadable product brochures and specification sheets.
- Downloadable white papers.

## TECHNOLOGY THAT'S SECOND NATURE™

At the heart of every mission is the ability to communicate in an instant to coordinate response and protect lives. Today, Motorola is putting real-time information in the hands of mission critical users to provide better outcomes. Our powerful combination of next generation technologies are transforming public safety operations by strengthening the mission critical core with broadband connections, rich-media applications, collaborative devices and robust services. It's Technology That's Second Nature. To find out more, visit [motorola.com/nextgen](http://motorola.com/nextgen).

[www.motorola.com/apx](http://www.motorola.com/apx)



**MOTOROLA**

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