SAFETY DOESN’T END WITH THE RADIO
ACCESSORIES FOR MOTOROLA’S APX™ PROJECT 25 PORTABLES
MISSION CRITICAL DEMANDS.
SAFETY FOCUSED

The APX P25 mission critical two-way radio series redefines safety in portable communication. From the fire line to the factory line, APX puts the right device into the hands of the right user. Every feature and function is designed with its users in mind – from the rugged, easy to operate design to the loudest, clearest audio. The result is the ability to keep your people and community safer than ever before.

Extend the power and reliability of your radio with the only complete line of accessories designed, tested and certified for optimal performance with APX portables. This flexible portfolio offers solutions that meet your customers’ specific needs. This includes a robust and complete portfolio of remote speaker microphones including the XE Remote Speaker Microphone which has been designed specifically for harsh conditions on the fireground. And the APX Mission Critical Wireless portfolio delivers best-in-class Bluetooth® wireless designed specifically for first responders. While our IMPRES smart battery and charger solutions ensure your responders have a battery that is ready to go at the moment they need it.

Every Motorola battery, charger, audio accessory, carry case and antenna is best-in-class technology, designed and optimized specifically for your APX portable.
AUDIO ACCESSORIES

IMPRES XE REMOTE SPEAKER MICROPHONE (RSM)
Features dual microphones that help suppress interfering background noise in high-noise environments. This high-visibility, high-impact green XE RSM features a large push-to-talk button, emergency button and toggle volume switch that are both easy to locate, but shielded so they’re not set off accidentally when running, crawling or climbing. A strobe light activates when the emergency button is pressed, projecting light up to 10 feet in thick smoke. A large metal D-ring and sturdy clamping clip secure the RSM to your turnout gear. This microphone is not compatible with the APX 4000.

IMPRES DISPLAY REMOTE SPEAKER MICROPHONES
IMPRES-enabled RSMs include an easy-to-read 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.

RECEIVE AND TRANSMIT BOOMLESS TEMPLE TRANSDUCER
Communicate effectively in extreme noise environments. This headset uses bone conduction to both transmit and receive communications, eliminating the need for a boom microphone. You can also wear much needed ear protection and still communicate on your radio.

RSM REPLACEMENT PARTS

AUDIOMATIC ADAPTERS

* 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 27°C colder than the product.
**AUDIO ACCESSORIES**

**REMOTE SPEAKER MICROPHONE INTERFACE CABLES**
These cables provide a standard connection point from the remote speaker microphone to third party accessory products. These cables are compatible with HMN4104, HMN4103 and HMN4101.

- **PMKN4107** 5 Pin Nexus Male Plug
- **PMKN4112** 4 Pin Nexus Female Receptacle
- **PMKN4113** 12 Pin Hirose Male Connector

**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.

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

**IMPRES PUBLIC SAFETY MICROPHONE (PSM)**
This IMPRES-enabled microphone is designed with an antenna to provide better coverage when you’re wearing a radio under a jacket or coat. 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. PSMs are not compatible with the APX 4000.

- **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

**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*

**REMOTE SPEAKER MICROPHONES OFFER ENHANCED AUDIO CAPABILITIES.**
Our robust portfolio of Remote Speaker Microphones (RSMs) and Public Safety Microphones (PSMs) are innovatively engineered to give you greater capabilities and clearer communications than ever before. The APX Remote Speaker Microphones and Public Safety Microphones deliver audio that is clearer, more easy to understand and up to 50% louder than XTS-series RSMs.

The Windporting feature on select RSMs/PSMs is specifically designed for windy outdoor environments and dramatically reduces the noise caused by howling winds and harsh weather.

The noise-canceling acoustics on select RSMs negates background noise so your voice comes through loud and clear when you speak into the microphone.

Whatever your work condition, there’s a microphone made for you.

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**AUDIO ACCESSORIES**

**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*
- **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)*

**RECEIVE-ONLY SURVEILLANCE KITS**
Simple, cost-effective solution when discreet communications is needed. Privately receive messages with the earpiece.

**HIROSE CONNECTOR ENABLED SURVEILLANCE KITS**
These surveillance kits require NNTN7869 Hirose Surveillance Keyload adapter. These kits enable customers to easily connect and disconnect the surveillance kit when they need to do keyloading.

- **ZMN6039** 3-Wire Surveillance Kit with extra loud earpiece, beige. Microphone and PTT are separate. Requires NNTN7869 Hirose adapter.
- **ZMN6038** 2-Wire Surveillance Kit with extra loud earpiece, beige. Microphone and PTT combined. Requires NNTN7869 Hirose adapter.
- **ZMN6031** 3-Wire Surveillance Kit, beige. Microphone and PTT are separate. Requires NNTN7869 Hirose adapter.
- **ZMN6032** 2-Wire Surveillance Kit, beige. Microphone and PTT combined. Requires NNTN7869 Hirose adapter.
**AUDIO ACCESSORIES**

**MISSION CRITICAL WIRELESS EARPIECE**
This earpiece is designed specifically for first responders. Features secure, touch pairing to ensure you are able connect quickly and securely and a fast push-to-talk ensures there is no delay in voice communication.

This lightweight earpiece can be worn comfortably for long shifts and performs well in loud environments. A wireless push-to-talk is also available to allow you to seamlessly and wirelessly connect with the Mission Critical Wireless earpiece.

**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.

**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.

**IMPRES EAR MICROPHONE SYSTEM**
Lightweight earpiece uses bone conduction to pick up the user’s voice from bone vibrations in the inner ear and eliminates the need for a boom microphone. No matter how loud the environment is, it will not transmit external noise—only the speaker’s voice. When receiving audio, the accessory acts like a normal earpiece, yet still allows you to hear the message loud and clear.

**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 compatible with its radio.

**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. This means a covert officer whispering into his IMPRES 3-wire surveillance microphone is heard clearly by his commanding officer or a fireman shouting over the pumper panel is still understood clearly by the chief.
CARRY DEVICES

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.

Note: The APX 6000XE and APX 6000 do not have leather carry cases available for the NNTN7035, NNTN7036, NNTN7037 and NNTN7573 batteries.

APX 7000 LEATHER CARRY CASES

- PMLN5323: APX 7000 Leather Carry Case with 3” fixed belt loop for NNTN7038, PMNN4403 and NNTN8092 batteries
- PMLN5324: APX 7000 Leather Carry Case with 2.75” swivel belt loop, D-rings for NNTN7038, PMNN4403, NNTN8092 batteries
- PMLN5326: APX 7000 Leather Carry Case with 3” fixed belt loop for NNTN7033 and NNTN7034 batteries
- PMLN5327: APX 7000 Leather Carry Case with 2.75” swivel 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
- 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 and NNTN8092 batteries
- NNTN8114: APX 7000XE Leather Carry Case with 3” fixed 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

APX 6000 LEATHER CARRY CASES

- PMLN5658: APX 6000 Leather Carry Case with 3” fixed belt loop for NNTN7038, PMNN4403 and NNTN8092 batteries
- PMLN5657: APX 6000 Leather Carry Case with 2.75” swivel belt loop for NNTN7038, PMNN4403, NNTN8092 batteries
- PMLN5660: APX 6000 Leather Carry Case with 3” fixed belt loop for NNTN7033 and NNTN7034 batteries
- PMLN5659: APX 6000 Leather Carry Case with 2.75” swivel belt loop for NNTN7033 and NNTN7034 Batteries

APX 6000XE LEATHER CARRY CASES

- PMLN5876: APX 6000XE Leather Carry Case with 3” fixed belt loop for NNTN7038, PMNN4403 and NNTN8092 batteries
- PMLN5875: APX 6000XE Leather Carry Case with 2.75” swivel belt loop for NNTN7038, PMNN4403 and NNTN8092 batteries
- PMLN5879: APX 6000XE Leather Carry Case with 3” fixed belt loop for NNTN7033 and NNTN7034 batteries

APX 4000 LEATHER CARRY CASE

- PMLN6085: APX 4000 Leather Carry Case with 2.5” swivel belt loop, compatible with all APX 4000 batteries
CARRY DEVICES

APX 7000 LEATHER FLIP CARRY CASE
This 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.

APX 7000 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.

APX 7000, APX 7000XE, APX 6000, APX 6000XE BELT CLIPS

NTN9266
2.25” Hard Plastic Belt Clip, not compatible with any APX UHF radios
HLN6975
3” Plastic Belt Clip

APX 4000 BELT CLIPS

PMLN4651
2” Hard Plastic Belt Clip
PMLN7008
2.5” Hard Plastic Belt Clip

BELT LOOPS AND CLIPS

PMLN5407
2.5” 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)
NTN9212
Replacement D-clip Button
NTN9213
Replacement Leather 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.

NAR6593
VHF Antenna (136-174 MHz)
NAR6595
700/800 MHz Antenna (764-870 MHz) (also compatible with APX 7000)
FAF5259A
UHF Range 1 Antenna (380-470 MHz)
FAF5260
UHF Range 2 Antenna (470-520 MHz)

APX 6000, APX 6000XE, APX 4000 SINGLE-BAND STUBBY ANTENNAS
These antennas also provide built-in GPS capability.

NAR6595
700/800 MHz Antenna (764-870 MHz) (also compatible with APX 7000)
NAR6596
VHF (136-174 MHz) and 700/800 MHz (764-870 MHz) Antenna
PMAE4065
UHF Whip Antenna (380-520 MHz)

DUAL-BAND ANTENNAS
Maximize interoperability with a dual band antenna. These whip antennas have one-piece finish, steel core and spiral wound conductor for optimal radiation characteristics. Also provides built-in GPS capability. These antennas are compatible with APX 7000 and APX 7000XE.

NAR6594
VHF (136-174 MHz) and 700/800 MHz (764-870 MHz) Antenna
PMA54000
UHF (380-520 MHz) and 700/800 MHz (764-870 MHz) Antenna
PMA4001
VHF (136-174 MHz) and UHF (380-520 MHz) Antenna

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ANTENNAS

GPS ANTENNA
This antenna is used when a Public Safety Microphone is attached to the radio and the radio still requires GPS capability. This antenna attaches to the APX radio directly and is only used when the radio is operating in a single band.

PUBLIC SAFETY MICROPHONE ANTENNA
Stubby antenna designed to attach to the Public Safety Microphone.

BATTERIES

IMPRES BATTERIES
Get the most out of your battery by maximizing its life. IMPRES automates battery reconditioning adapting the reconditioning intervals to each battery’s usage pattern.

APX 7000, APX 7000XE, APX 6000 AND APX 6000XE IMPRES BATTERIES

APX 4000 IMPRES BATTERIES

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 innovative IMPRES battery charging and reconditioning system streamlines and automates battery maintenance. It draws on our exclusive technology to enable communication between your battery and charger to help lengthen battery life and extend talk time. IMPRES batteries can be left in IMPRES chargers for extended periods without heat damage from the charger, assuring your battery is safely charged to the right capacity and always ready when you head out for a call.

** International Protection (IP) is a global standard for rating dust and water protection. The first digit IPxx or IP6x represents increased levels of dust protection, while the second digit, IPx7 represents withstanding submersion in 1 meter of fresh water for 30 minutes. Rugged batteries exceed industry standards (IPx7) for submersibility and provide a higher level of water protection – MIL-STD-810E, Method 512.3 (Immersion). These batteries meet the incremental requirement of submersion in 1 meter of fresh water that is 27C colder than the product for 2 hours.
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.

- NNTN7080 IMPRES Single-Unit Charger for APX 7000, APX 7000XE, APX 6000 and APX 6000XE
- WPLN4232 IMPRES Single-Unit Charger for APX 4000

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 milli amp hours (mAh). A separate charger is required for APX 4000 radios and batteries.

- NNTN7073 IMPRES Multi-Unit Charger with Displays for APX 7000, APX 7000XE, APX 6000, and APX 6000XE
- NNTN7065 IMPRES Multi-Unit Charger (no displays) for APX 7000, APX 7000XE, APX 6000, and APX 6000XE
- WPLN4219 IMPRES Multi-Unit Charger with Displays for APX 4000
- WPLN4212 IMPRES Multi-Unit Charger (no displays) for APX 4000

NEXT GENERATION IMPRES DUAL UNIT CHARGER
The 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. These chargers are not compatible with the APX 4000.

- NNTN7596 Next Generation IMPRES Dual-Unit Charger
- NNTN7593 Next Generation IMPRES Dual-Unit Charger with Display Modules

APX INSERTS FOR XTS CHARGERS
These inserts allow APX batteries to be charged in existing XTS IMPRES single unit and multi-unit chargers.

- NNTN8169 Insert for NTN1873/WPLN4111 XTS Single-Unit Charger. Requires charger containing software version 3.4 or greater.
- NNTN8170 Insert for WPLN4108/4130 XTS Multi-Unit Charger. Requires charger containing software version 3.4 or greater.

APX 7000, APX 7000XE, APX 6000, APX 6000XE CHARGER INSERTS

- NNTN7686 Insert for WPLN4108/4130 XTS Multi-Unit Charger. Requires charger containing software version 3.4 or greater.
- NNTN7687 Insert for NTN1873/WPLN4111 XTS Single-Unit Charger. Requires charger containing software version 3.4 or greater.

APX 4000 CHARGER INSERTS

- NNTN8169 Insert for NTN1873/WPLN4111 XTS Single-Unit Charger. Requires charger containing software version 3.4 or greater.
- NNTN8170 Insert for WPLN4108/4130 XTS Multi-Unit Charger. Requires charger containing software version 3.4 or greater.

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 timely 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 for APX 7000, APX 7000XE, APX 6000 and APX 6000XE
- NNTN7616 IMPRES Vehicular Charger for APX 4000

- RLN5382 Individual IMPRES Display Module for NNTN7085 and WPLN4212.
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 coiled cord.

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 Series radios.

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.

To assure accurate battery capacity information presented on APX radios with displays and IMPRES multi-unit chargers with displays, use only Motorola Original IMPRES batteries. Use of non-Motorola batteries may fail to provide certain mission critical information or may provide inaccurate information, such as battery capacity, which could put a user at risk.
APX P25 TWO-WAY RADIOS AND ACCESSORIES
SAFETY REDEFINED

WHEN YOU NEED SUPPORT, WE ARE THERE
We have teams of dedicated people ready to serve you, from designing a system to installing and servicing equipment to monitoring your system 24/7. Our System Support Center monitors over 500 systems and 4,000 sites, providing customers with real-time information. When questions come up, we answer them quickly – 85% are closed the same day.

TECHNOLOGY THAT’S SECOND NATURE™
APX P25 two-way radios are part of the Next Generation Public Safety Mission Critical Portfolio of products that offer seamless connectivity between first responders. Motorola puts real-time information in the hands of public safety personnel to provide better information that enables better decisions for better outcomes. It’s Technology That’s Second Nature™.