



APX NEXT ACCESSORIES



PROTECT YOUR **FOCUS** WHEN IT MATTERS MOST

APX NEXT

IN PUBLIC SAFETY, FOCUS IS YOUR GREATEST RESOURCE. MAKE SURE IT'S PROTECTED WITH APX NEXT™.

A MASSIVE ADVANCE IN MISSION-CRITICAL VOICE AND DATA

Your radio is your lifeline. APX NEXT is our next step in advancing it. It's designed to military standards for extreme ruggedness. The touchscreen works with or without gloves—in rain, dirt, and dust. Digital mics and high-power speakers deliver our best audio ever, while SmartConnect keeps you connected even beyond your P25 system. The result is a radio that works when you need it, without pause, distraction or doubt.

EFFORTLESS IS ALWAYS IN REACH

APX NEXT is designed for effortless usability when everything is on the line. Intuitive knobs and buttons are easily distinguished by touch. A mission-critical touchscreen makes it fast and easy to operate your radio. ViQi understands a huge range of natural language voice commands, so you can operate the radio with eyes-up awareness. Every interaction is simple, fast and logical. You stay focused on what matters—your mission and your safety.

BRING NEW INTELLIGENCE TO THE POINT OF ENGAGEMENT

APX NEXT mission-critical apps bring new intelligence to the field. ViQi enables natural language database queries, rapidly giving vital information, and letting dispatchers stay focused on critical situations. And as part of our unique, end-to-end public safety ecosystem, APX NEXT data and operations are secure,, and new capabilities can be seamlessly added as your needs evolve.

UPDATE YOUR FLEET IN MINUTES, NOT MONTHS

APX NEXT gives you back time: a cloud-based provisioning system prepares radios before they arrive. Remote updating keeps radios in the field, with zero touch and zero downtime. MyView Portal provides direct access to subscriptions, warranties and licenses, and a range of services helps you manage your operation. With APX NEXT, your ownership experience is streamlined, so your valuable resources stay focused and ready.



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EXPAND AND CUSTOMIZE YOUR RADIO'S
FUNCTIONALITY WITH BEST-IN-CLASS ACCESSORIES.



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ANTENNAS

DESIGNED FOR
WEARABILITY



ANTENNAS

DESIGNED FOR WEARABILITY

DETAILS

Motorola Solutions' redesigned antennas provide convenience without compromising performance. Shorter and more flexible, these antennas conform to the users' mission critical environments.

- The 7/800 MHz and UHF Stubby Antennas deliver great coverage but will not snag on clothing or equipment.
- The Whip, Single and All-band Antennas are fabricated using a new polymer that delivers 40% better flexibility.

SPECIFICATIONS

	Stubby			Single Band		All-band
Part Number	AN000296A01	AN000369A01	AN000369A02	AN000392A01	AN000393A01	AN000297A01
Frequency Range	760-870 MHz	380-470 MHz	450-527 MHz	762-870 MHz	350-520 MHz	136-174MHz, 380-520MHz, 760-870 MHz
Length	2.6 in (65 mm)	3.5 in (90 mm)	3.5 in (90 mm)	6.3 in (160 mm)	5.5 in (140 mm)	7.9 in (200 mm)
Integrated GPS	No	No	No	No	No	No

ANTENNA ID BANDS

Colored antenna ID bands are available for easy customization and come in packs of 10.

-  32012144001 Gray
-  32012144002 Yellow
-  32012144003 Green
-  32012144004 Blue
-  32012144005 Purple

Will the new antennas in APX NEXT (stubby single-band and flexible all-band) work with other APX family radios such as the APX 8000 and APX 6000?

No. The current APX antennas have an embedded GPS antenna. The APX NEXT antennas do not have an internal GPS element because the hardware is located inside the radio itself. This means that APX NEXT antennas cannot be used with other models of APX radios.



Stubby

Single band

All-band

AUDIO

HEAR AND BE HEARD
LIKE NEVER BEFORE



XVP REMOTE SPEAKER MICROPHONE

MAXIMIZE YOUR MISSION CRITICAL VOICE TECHNOLOGY

DETAILS

The mission critical Xtreme Voice Plus (XVP830 / XVP850) Remote Speaker Microphone delivers the clearest and loudest audio communications in a sleek, compact package. Built to work as a system, the XVP RSM leverages your APX™ or APX NEXT radio audio capabilities to strengthen the most important thread of your lifeline: ultra-clear voice communications. So no matter where you are or how you speak, you can be confident that, for every message, you'll hear and be heard clearly.

In dynamic, high-stakes conditions, nothing outperforms the immediacy of voice communications. To be most effective, experience optimal audio performance with the XVP RSM when compared to standard single or dual mic RSM designs.

KEY FEATURES

- Loudest, clearest speaker
- **Multi-mic capability:** four high dynamic range microphones
- Advanced windporting
- Adaptive noise suppression
- Intrinsically safe, Div 1 certified
- Enhanced ergonomic design

EASY ACCESS TO RADIO CONTROLS

State of Emergency

Activate or deactivate emergency mode from your XVP RSM.

Full Scale Volume Control

Hold the Up/Down lever in the (+) increment or (-) increment position and your APX NEXT radio will ramp the XVP RSM speaker loudness to the highest or lowest available volume setting.

Radio Function Buttons

Configure the one-dot, two-dot and three-dot buttons to access key radio functionality from your XVP RSM.



EASY ACCESS TO ViQi

ViQi IS YOUR VIRTUAL ASSISTANT, DESIGNED FOR PUBLIC SAFETY. THE THREE-DOT DEDICATED ViQi BUTTON ON YOUR XVP RSM ALLOWS YOU TO OPERATE ViQi FROM YOUR SHOULDER.

It's ViQi's job to quickly provide the information you need to stay safe and effective. Checking a driver's license? Just ask her. Need to run a plate? She's on it. She'll even discreetly warn you to move out of earshot if she has important information to share.

She understands natural language voice commands, from changing zone, channel and volume, to getting status checks. All while keeping your hands free and your focus on your surroundings.

Click [here](#) to learn more about ViQi.



XVP RSM BUTTON CONFIGURATION

Programmable Button

Windporting Grill

Protected Push-to-Talk

Shoulder Clip with D-ring

Accessible and Protected Programmable Buttons

Field Replaceable Cable

Channel Knob

Emergency Button

Volume Up/Down

Windporting Grill

4 Digital Microphones Fuel
New Adaptive
Noise Suppression Algorithm

47 mm Speaker

IPx8 3.5 mm Earpiece Jack

Protect your earpiece jack with a built-in dust seal that may be rotated and parked out of the way.

* Actual size may not be represented based on viewing media.

XVP RSM SPECIFICATIONS

GENERAL

XVP850 Part Number with Channel Knob	PMMN4135
XVP830 Part Number without Channel Knob	PMMN4136
Dimensions (RSM Head only)	3.66 x 2.27 x 1.21 in (93 x 58 x 31 mm)
Weight (Total Kit)	PMMN4135: 10.05 oz. (285 g) PMMN4136: 10.23 (290 g)
Clip	360° Rotating Clip with D-Ring
Color	Black
Power Source	Radio Battery
Secondary Accessory Interfaces	3.5 mm Non-threaded
Intrinsically Safe	Div 1 Class I (Groups C, D), Class II (Groups E, F, G), Class III Div 2 Class I (Groups A, B, C, D), Class II (Groups F, G) Class III
Power Source	Radio Battery

MICROPHONE

Type	Beam Forming
Sensitivity	-42dBV Typical
Distortion (THD)	<5% wideband
IMPRES™	Yes
Noise Cancellation	4 Microphone Adaptive Noise Suppression Algorithm
Windporting Microphone	Yes
Adaptive Audio Engine	Enabled through radio*

SPEAKER

Diameter	1.9in (47 mm)
Speech Loudness @12 in (300mm)	105 Phon**
Distortion (THD)	<15%

CONTROLS

Top	Orange Emergency, Volume up/down, channel control (PMMN4135A only)
Side	PTT, 2 Programmable (1-dot, 2-dot)
Front	1 Programmable (3-dot ViQi)

CABLE

Length	11 in (280 mm) Coiled Length
Flex Life	100k Cycles Minimum
Pull Strength	40 lbs (18.14 kg) Minimum
Cable Jacket	Thermoplastic Elastomer (TPE)

ENVIRONMENTAL

Operating Temperature	-30°C to +60°C (-22°F to +140°F)
Storage Temperature	-55°C to +85°C (-67°F to +185°F)
Mil Specs	MIL810H Method 506.4 (Rain), MIL810H Method 509.4 Procedure 1 (Salt Fog), MIL810H Method 510.4 Procedure 1 (Dust), MIL810H Method 514.5 Procedure 1 Category 24 (Vibration), MIL810H Method 516.5 Procedure 1 (Vibration)
ESD	IEC / EN 61000-4-2
IP Rating	IP68 (2 meters, 4 hours)
Impact Grill	1.25 in (31.75 mm) Diameter Steel Ball Drop
Work-When-Wet	Yes

SECOND AUDIO ACCESSORY

Kit Number	Description
PMLN8120	3.5mm Xtra Loud Receive Only Earpiece with Translucent Tube

REPLACEMENT PART

Kit Number	Description
PMLN8312	Low profile swivel clip with D-ring
PMLN8313	Channel Knob
PMLN4260	Coil Cord

COMPATIBLE RADIOS

APX 6000, APX 6000XE, APX 8000, APX 8000XE, APX 8000H, APX 8000HXE, SRX 2200, APX NEXT, APX NEXT XE

COMPATIBLE RADIO FIRMWARE

APX Radios : R24.00.00 and beyond APX NEXT Radios: R03.20.00 and beyond
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* For more information on APX accessories, please visit: www.motorolasolutions.com/apx

** RSM loudness with legacy APX 6000 (AN) and SRX 2200 (AN) model is 101 Phon.

AUDIO

HEAR AND BE HEARD LIKE NEVER BEFORE

SURVEILLANCE KITS



IMPRES™
Two-Wire Surveillance Kit, Beige

PMLN6130



IMPRES Over-the-Ear
Two-Wire Surveillance Kit, Black

PMLN6127



IMPRES
Two-Wire Surveillance Kit, Black

PMLN6129



Two-Wire Surveillance Kit
With Translucent Tube, Black

RLN5312 (Requires BDN6783)



APX™ 3.5mm Threaded Audio
Accessory Adapter

BDN6783

EARPIECES



3.5 mm Rx Only Earpiece with
Translucent Tube

PMLN8120

Will APX accessories work with APX NEXT?

APX NEXT has the same audio accessory port as other APX radios. Some APX accessories, including surveillance kits, are certified and others are not. Batteries and single-unit chargers will be different. APX NEXT utilizes Bluetooth® 5.0 and the NFC Bluetooth standard. Therefore, MPP Bluetooth accessories will not be compatible. Please check with your technical sales representative for more details.

Can you use Voice Control or Virtual Partner from an accessory?

The XVP RSM is the only accessory with which Voice Control and Virtual Partner are accessible.



A close-up photograph of a Motorola APX Next radio and its antenna mounted on a person's tactical vest. The radio is black with a prominent orange PTT (Push-to-Talk) button on top. The antenna is also black and mounted vertically. The vest is olive green with visible stitching and a pocket. The background is dark and out of focus.

CARRY

SECURE, EASY ACCESS

HYBRID LEATHER CARRY CASE

SECURE, EASY ACCESS

DETAILS

The professional elegance of formed leather complemented with a durable, impact resistant plastic unite to provide a never before seen carry solution for APX NEXT. Our hybrid leather carry case simplifies one handed device access without compromising device security so your hands are free and information is within reach. A quick connect belt loop swivel also allows you to easily disconnect and quickly retrieve your radio. A security strap inspired by gun holsters prevents the device from dislodging during operations, improving user confidence.

KEY FEATURES

- Secure retention allows simple one hand device access
- Built-in audio ports enable you to leave your radio in the case for audio applications without degrading device transmit and receive performance
- Accommodates connection of the XVP RSM



HYBRID LEATHER CARRY CASE



D bracket attached as sold



Removed D bracket allows Belt clips



NTN8266
2.5" belt clip attached



PMLN7965
3" belt clip attached

Standard clip slot present under D bracket



HYBRID LEATHER CARRY CASE - BACK VIEW
(Swivel Belt Loop sold separately)

PART NUMBER SPECIFICATIONS

	Part Number	Use with Batteries	Attachments (sold separately)	
Standard Capacity	PMLN7948	NNTN9216 NNTN9217	Swivel Belt Loop	
			2.5" - PMLN5407	Belt Clip
High Capacity	PMLN7964	NNTN9089 NNTN9090	2.75" - PMLN5408	2.5" - NTN8266
			3" - PMLN5409	3" - PMLN7965

CLASSIC HOLSTER

SECURE, EASY ACCESS

DETAILS

Lock down your APX NEXT radio with our classic holster. The innovative radio retention mechanism ensures your radio stays in place even in high pursuit, improving officer safety and securing your LMR investment.

KEY FEATURES

- Ships in box with APX NEXT with the option to replace with the Hybrid Leather Carry Case
- Improved device retention compared to APX carry holsters
- Designed to enable device charging in the IMPRES 2 Multi-Unit Charger while secured using the 2.5" or 3.0" belt clip attachment



CLASSIC HOLSTER

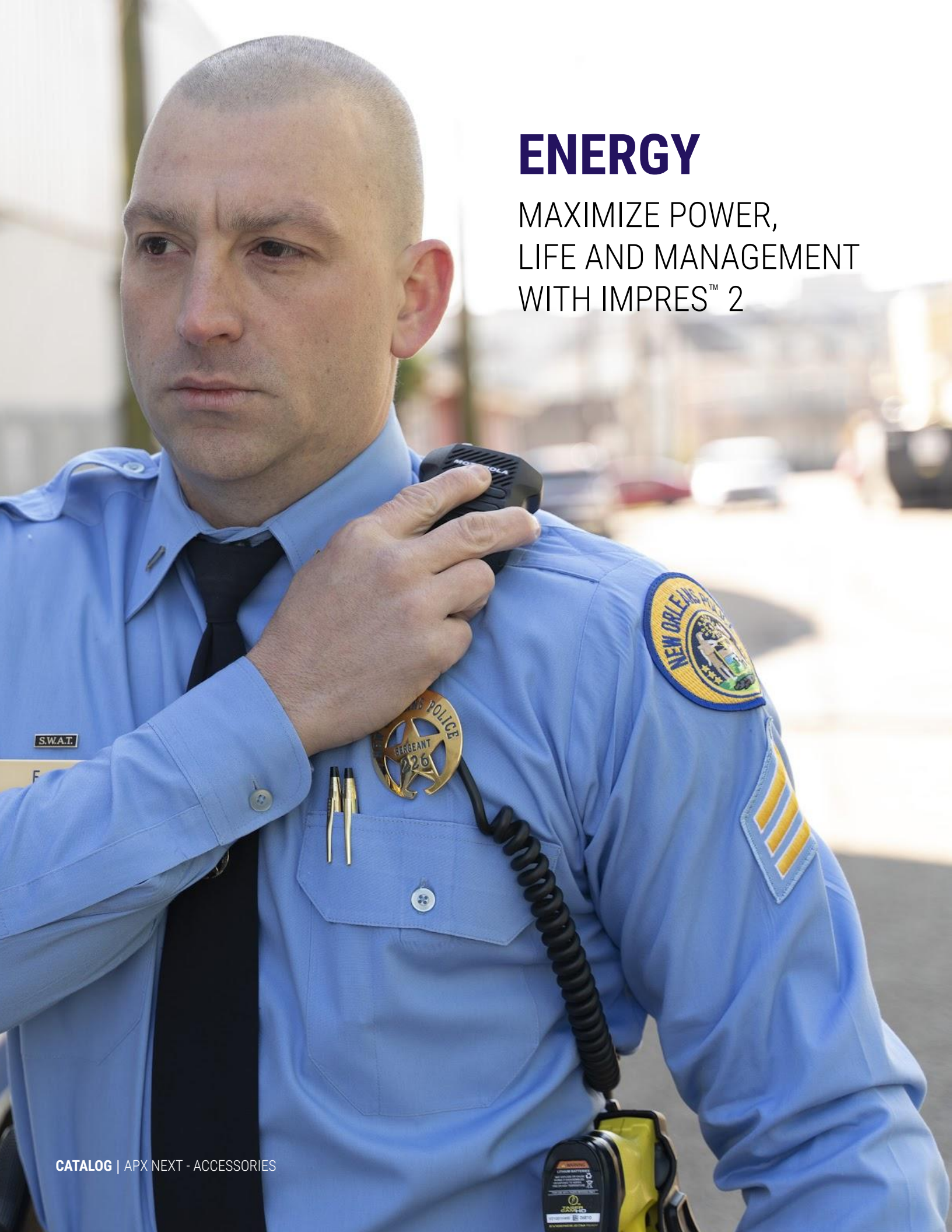


CLASSIC HOLSTER - BACK VIEW
WITH 3" BELT CLIP
(sold separately - see page 12)



PART NUMBER SPECIFICATIONS

Part Number	PMLN7947
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ENERGY

MAXIMIZE POWER,
LIFE AND MANAGEMENT
WITH IMPRES™ 2

IMPRES 2 BATTERIES

LONG LASTING LIFELINE

KEY FEATURES

- Built with highest energy density cells yet
- Backed by a 24-Month Capacity Warranty²
- 48 month workmanship warranty

STANDARD OPTIONS

	Standard	Standard HazLoc ³
Part Number	NNTN9216	NNTN9217
Capacity	4400 mAh	4400 mAh UL Div 2
Operating Temperature	-20°C to +60°C (-4°F to +140°F)	
IP Rating	IP68 ⁴ APX NEXT System Rating	
APX NEXT Operating Time	13.8 hrs ⁵	
Availability	In-Box Order Option or Aftermarket	In-Box Order Option or Aftermarket

HIGH CAPACITY OPTIONS

	High Capacity	High Capacity HazLoc ³
Part Number	NNTN9089	NNTN9090
Capacity	5650 mAh	5650 mAh UL Div 2
Operating Temperature	-30C to +60°C (-22 °F to +140 °F)	
IP Rating	IP68 ⁴ APX NEXT System Rating	
APX NEXT Operating Time	18 hrs ⁵	
Availability	In-Box Order Option or Aftermarket	In-Box Order Option or Aftermarket

For IMPRES 2 battery care tips, please visit
<http://motorolasolutions.com/batterycares>



STANDARD CAPACITY

HIGH CAPACITY

1. APX NEXT battery maintenance require IMPRES 2 charger solutions.
2. 24 month capacity warranty applicable only when battery is maintained with IMPRES 2 chargers
3. HazLoc: listed by UL to non-incendive standards: UL 121201 and CAN/CSA C22.2 No. 213-17 as safe for use in Class I, Division 2, Groups A,B,C,D; Class II, Division 2, Groups F,G; Class III Hazardous (Classified) Locations.
4. IP68: APX NEXT radio with battery attached submerged in 2 meters of water for 4 hours
5. APX NEXT operation life based on land mobile radio 5/5/90 use profile, touchscreen: on 1hr, SmartConnect: 30 mins, LTE: DRX Idle, GPS: Off, Bluetooth: Off, WiFi 80/20, NFC: Off, RSM connected

IMPRES 2 CHARGERS

MAXIMIZE POWER, LIFE AND MANAGEMENT

APX NEXT requires IMPRES 2 charger technology available in single unit (SUC) and multi unit (MUC) charger configurations. Owners of an APX IMPRES 2 multi unit charger (NNTN8844) may convert one or more APX pockets with the field installable APX NEXT pocket.

IMPRES 2 MULTI-UNIT CHARGER

Charge up to six APX NEXT batteries simultaneously for more efficiency.

- IMPRES 2 charging algorithms increase charge cycles up to 60% over non-IMPRES
- Six pocket displays to view enhanced diagnostics¹
- Disable calibration mode² or enable long term storage mode³
- Optional wall mount kit NLN7967 available
- California Energy Commission (CEC) energy efficiency compliant

IMPRES 2 SINGLE-UNIT CHARGER

Charge your battery by itself or while it's attached to the radio.

- Advanced IMPRES 2 charging algorithms
- Ability to disable calibration mode via mode selection switch
- California Energy Commission (CEC) energy efficiency compliant

APX NEXT POCKET for APX MULTI-UNIT CHARGER

- End user field upgradeable
- Create APX NEXT/APX mixed device multi-unit charger

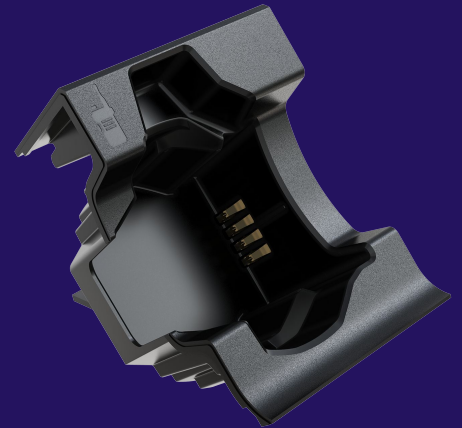
SPECIFICATIONS

Product	Part Number	Dimensions	USB Charging Ports
IMPRES 2 Multi-Unit Charger	NNTN9115	7.8 x 17.5 x 10.3 in (197 x 445 x 262 mm)	6
IMPRES 2 Single-Unit Charger	NNTN9199	2.8 x 3.9 x 4.8 in (70 x 100 x 123 mm)	2
APX NEXT Pocket for (Only for use with NNTN8844)	NNTN9212	N/A	N/A

1. IMPRES 2 MUC display diagnostics: battery day 1 available capacity, current available capacity, rated capacity, part number, serial number, use cycles
2. Motorola recommends a calibration procedure be performed on an IMPRES 2 battery every 28 days to maintain best APX NEXT device fuel gauge accuracy
3. Long term storage mode keeps a battery in a selectable 50% or 70% state of charge.



IMPRES 2 MULTI-UNIT CHARGER



APX NEXT POCKET FOR
IMPRES 2 MULTI-UNIT CHARGER



IMPRES 2 SINGLE-UNIT CHARGER



For more information, please visit
motorolasolutions.com/apxnext



**APX
NEXT**
PROTECT YOUR FOCUS