



QUOTE-3545992  
 STARCOM21 Mobile & Portable  
 Upgrade - AES Encryption and  
 TDMA

Billing Address:  
 KNOXVILLE, CITY OF  
 33 PUBLIC SQUARE  
 KNOXVILLE, IL 61448  
 US

Quote Date:03/31/2026  
 Expiration Date:05/30/2026  
 Quote Created By:  
 Dave Lander  
 Account Executive  
 davelander@callmc.com  
 309-682-0831

End Customer:  
 KNOXVILLE, CITY OF  
 Ron Poyner  
 309-343-9151

Contract: 37987 - STARCOM 21, IL  
 CMT2028589

Payment Terms:30 NET

**Summary:**

Any sales transaction resulting from Motorola's quote is based on and subject to the applicable Motorola Standard Terms and Conditions, notwithstanding terms and conditions on purchase orders or other Customer ordering documents. Motorola Standard Terms and Conditions are found at [www.motorolasolutions.com/product-terms](http://www.motorolasolutions.com/product-terms).

Line #	Item Number	Description	Qty	Term	Sale Price	Ext. Sale Price
	APX™ 1500 Enhanced					
1	M36URS9PW1BN	MOBILE RADIO APX1500 ENHANCED 7/800 MHZ	5		\$5,141.64	\$25,708.20
1a	GA01574AA	SOFTWARE LICENSE ENH: AES 256 SW ENCRYPTION	5			
1b	GA09008AA	ADD: GROUP SERVICES	5			
1c	QA01648AA	ADD: HW KEY SUPPLEMENTAL DATA	5			
1d	HA00692AA	ADD: 7Y ESSENTIAL SERVICE LTM	5			
1e	GA00235AA	ADD: NO GPS ANTENNA NEEDED APX	5			
1f	G66BF	ADD: DASH MOUNT O2 APXM	5			
1g	GA00580AA	ADD: TDMA OPERATION	5			
1h	G142AD	ADD: NO SPEAKER APX	5			
1i	QA02756AD	ADD: 3600 OR 9600 TRUNKING BAUD SINGLE SYSTEM	5			



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 Motorola Solutions, Inc.: 500 West Monroe, United States - 60661 - #: 36-1115800



Line #	Item Number	Description	Qty	Term	Sale Price	Ext. Sale Price
1j	GA00804AA	ADD: APX O2 CH (GREY)	5			
1k	GA01770AA	SOFTWARE LICENSE ENH: ENHANCEMENT LEVEL 1	5			
1l	W969BQ	ADD: MULTIKEY OPERATION	5			
1m	G89AC	ADD: NO RF ANTENNA NEEDED	5			
1n	G444AH	ADD: APX CONTROL HEAD SOFTWARE	5			
1o	W22BA	ADD: STD PALM MICROPHONE APX	5			
1p	QA09113AB	ADD: BASELINE RELEASE SW	5			
	APX™ N50	APX N50				
2	H25UCF9PW6AN	PORTABLE RADIO APX N50 7/800 MODEL 2	4		\$5,543.20	\$22,172.80
2a	QA02756AB	SOFTWARE LICENSE ENH: 3600 OR 9600 TRUNKING BAUD SINGLE SYSTEM	4			
2b	QA09001AM	ADD: WIFI CAPABILITY	4			
2c	QA09007AD	ADD: OUT OF THE BOX WIFI PROVISIONING	4			
2d	QA00580BA	ADD: TDMA OPERATION	4			
2e	H869DB	SOFTWARE LICENSE ENH: MULTIKEY	4			
2f	Q629BD	SOFTWARE LICENSE ENH: AES ENCRYPTION AND ADP	4			
2g	QA01770AH	ENH: ENHANCEMENT LEVEL 1	4			
2h	QA09008AG	ADD: GROUP SERVICES	4			
2i	QA01648AA	ADD: HW KEY SUPPLEMENTAL DATA	4			
2j	QA09113AA	ADD: BASELINE RELEASE SW	4			
2k	QA08853AA	ADD: CPS ENABLEMENT	4			
3	LSV01503084A	APX N50/30 DMS ESSENTIAL	4	7 YEARS	\$332.64	\$1,330.56
4	PSV01503059A	APX NEXT PROVISIONING WITH CPS	1		\$0.00	\$0.00
5	PMMN4140B	PORTABLE RSM RM760, IP68, 3.5MM JACK, LARGE, UL	4		\$102.20	\$408.80
6	PMPN4820A	CHARGER, DESKTOP SINGLE UNIT IMPRES 2 RAPID, US	4		\$66.95	\$267.80



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Line #	Item Number	Description	Qty	Term	Sale Price	Ext. Sale Price
Product Services						
7	LSV00Q00202A	DEVICE PROGRAMMING	1		\$2,378.57	\$2,378.57
8	LSV00Q00203A	DEVICE INSTALLATION	1		\$2,114.29	\$2,114.29
<b>Grand Total</b>					<b>\$54,381.02(USD)</b>	

**Notes:**

- The Pricing Summary is a breakdown of costs and does not reflect the frequency at which you will be invoiced.

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The Parties hereby enter into this Agreement as of the Effective Date.

Motorola Solutions, Inc.

Customer

By: \_\_\_\_\_

By: \_\_\_\_\_

Name: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

- Unless otherwise noted, this quote excludes sales tax or other applicable taxes (such as Goods and Services Tax, sales tax, Value Added Tax and other taxes of a similar nature). Any tax the customer is subject to will be added to invoices.



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## APX N50 Portable Radio Solution Description

### OVERVIEW

The APX N50 offers affordable, next generation communications for without compromising P25 interoperability or voice and data quality. It offers a durable design with "pick-up-and-go" functionality, optimizing ease-of-use and focused communications in almost all environments.

### DURABLE AND EASY TO USE

The APX N50 enhances operations with a front display with an upgraded user interface for better readability and loud and clear audio for reliable, everyday use. Additionally, it offers extended battery life, a shorter antenna, and Bluetooth compatibility with audio accessories, promoting efficient communications between first responders.

### Adaptive Audio

For first responders in loud environments, the APX N50 offers adaptive audio that enhances voice quality and minimizes background noise. The APX N50 includes two High Dynamic Range (HDR) microphones with high overload point pickup that reproduces voice with clarity and reduces audio clipping and distortion, even when shouting. The radio has custom speakers that use noise cancellation technology to amplify loud and clear audio, and help make every syllable intelligible.

An enhanced audio engine dynamically adjusts the N50 in any environment by using algorithms to filter out unpredictable background noise and wind while using multiple microphones to track voice from every angle, allowing first responders to speak into the radio without compromising voice quality. Additional environmentally aware audio features receive volume leveling and noise sensing volume control—the radio will automatically adjust for loud or soft talkers and the changing ambient noise levels. These features allow first responders to keep their eyes forward and remain focused on situations as they unfold.

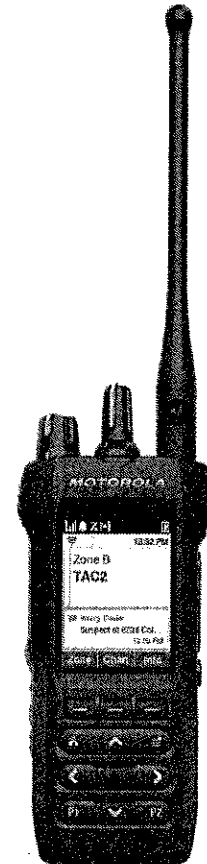
### Essential and Secure P25 Communications

The APX N50 is certified compliant with P25 standards and supports digital and analog trunking, FDMA and TDMA, and Integrated Voice and Data. All P25 communications over the N50 are safe and secure—it offers software and hardware encryption, single- and multi key encryption, and P25 Authentication, protecting communications during daily operations.

### Reliable Connectivity

Using the APX N50 lets first responders stay connected across disparate networks. It is equipped with Wi-Fi®, Bluetooth®, and GPS features, bringing future-ready applications, services, and best-in-class connectivity to everyday use. APX N50 radios support 7/800 MHz frequency bands across radio systems, with minimal intervention by the radio user.

### SmartConnect over Wi-Fi



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SmartConnect is a subscription service that allows first responders to access critical intelligence no matter where the mission takes them. When P25 networks are unavailable, the APX N50 will maintain functionality and voice quality by automatically switching to an available broadband network, enabling connectivity outside of radio system coverage. Voice information and signals between radios and control are encrypted, ensuring that all transmissions are secure.

The APX N50 can use SmartConnect when directly connected to Wi-Fi hotspots, through an in-vehicle LTE modem, or over a satellite connection. Additionally, the radio will indicate to users when SmartConnect is active by displaying a blue bar on-screen.

### **Managing and Provisioning Devices**

APX N50 can be programmed in two ways: one-at-a-time through Customer Programming Service ("CPS") or through a combination of CPS and batch programming over Wi-Fi available with the radio management ("RM") software.

CPS is a proprietary, Windows-based application, used to configure APX subscriber radios in offline situations that include provisioning, networking, and monitoring tools that provide greater awareness and faster radio management. The CPS application offers drag-and-drop, clone-wizard, and basic import/export functions that allow the addition of new software and feature enhancements. APX N radios can be programmed one-at-a-time on a local PC, via secure USB port connection, with TLS-PSK based encryption. Once loaded, subscriber radios are read and edited, and codeplugs and templates can be saved and duplicated to program other fleet radios

Batch Programming is available through the RM software for simultaneous programming and upgrading throughout the radio fleet. With Batch Programming, up to 16 radios can be programmed at once over a Wi-Fi connection. This reduces programming time and ensures that the radio fleet is always up-to-date and ready-to-use in the field.

### **Device Management Services**

Device Management Services ("DMS") packages provide programming, management, and maintenance services to maximize the effectiveness of this APX N50 solution, while reducing maintenance risk, workload, and total cost of ownership. DMS tackles a range of customer needs, whether the solution is self-maintained or managed by Motorola Solutions.

