



# *Motorola Project 25 Two-way Radio Portfolio*

Government and Public Safety Solutions





## Legendary quality. Proven innovation. Powerful solutions.

Through four generations of Project 25 (P25) advancements, Motorola remains the industry innovator in Mission Critical two-way communications. Today, as government and public safety agencies look for anywhere, anytime communications, Motorola offers the broadest portfolio of P25 two-way radios and accessories.

Motorola high-performance mobile and portable radios are compatible with the ASTRO® 25 integrated voice and data network, which delivers advanced features and unsurpassed reliability. From single site to state-wide deployments, Motorola is a trusted partner for expanding, enhancing, and integrating voice and data communications that meet current requirements as well as future demands.

### Motorola Innovations

**Voice Communications Leader.** Motorola two-way radios are the most widely used and trusted radios for Mission Critical communications. Motorola knows that when lives are on the line – reliable voice communications are a top priority.

**Advanced Data Features.** Real-time information allows first responders and organizations to focus on the mission, not the technology. Motorola data features help improve individual and team response in daily operations and during emergencies.

**Mission Critical Design.** In mission critical environments, technology must be 'second nature'. Motorola delivers purpose-built technology that is both reliable and easy to use in the most extreme environments.

**Interoperability On Demand.** Using ASTRO 25 interoperable systems, Motorola offers multi-band

subscribers (700/800 MHz, VHF) for seamless communication between agencies and jurisdictions.

**End-to-end Solutions.** Motorola offers complete end-to-end solutions with single-source accountability. Benefit from experience, knowledge and know-how of the world leader in mission critical communication.

**Uncompromising Durability.** With Motorola, two-way radio users get best-in-class ergonomics in a mission critical form factor that meets or exceeds public safety military standard specifications.

**Secured Communication.** Security is essential to safeguard personnel and coordinate operations. Motorola delivers reliable encryption for voice and data while keeping conversations and data messages secure.



Customized solutions. For multiple markets. From one source.



#### **Public Safety**

For day-to-day operations and emergency response, Motorola puts durable, robust, and intuitive equipment into the hands of police, fire and first responders. When lives are at stake, public safety professionals need communication equipment they can rely on.



#### **Federal Government**

Federal agencies must be ready to respond to a range of challenges. Motorola's P25 communications enable military, homeland security and first responders to achieve their missions with greater interoperability and security.



#### **Utilities**

Connect critical infrastructure, customers, and work teams with cost effective and durable two-way radios. Motorola's reliable communications can enhance the safety of personnel and the citizens they serve.



#### **Public Administration**

Whether the population is in the hundreds or millions, Motorola delivers reliable two-way radio solutions allowing state and local agencies to instantly communicate. From the Department of Corrections, Forestry and Park Services to the Transit Authority, Motorola's P25 two-way radios help personnel serve its residents and improve communications.

# Portable Subscriber and Accessory Portfolio

## APX 7000



1. IMPRES™ 3-Wire Surveillance Kit
2. IMPRES Dual Unit Charger
3. IMPRES Remote Speaker Microphone
4. IMPRES Battery
5. Leather carry case
6. Universal Carry Holder

## XTS 5000



1. IMPRES Battery
2. CommPort Integrated Microphone/Receiver
3. Commander™ II Remote Speaker Microphone
4. Bluetooth® Wireless Adapter

## XTS 4000



1. Office and Vehicular Chargers
2. Earbud with In-line PTT
3. Single-Unit Charger and Insert
4. 2-Wire Surveillance Kit

## XTS 2500



1. GPS Remote Speaker Microphone
2. Public Safety Microphone
3. Bluetooth Wireless Adapter
4. Temple Transducer Headset

## XTS 1500



1. Nylon Carry Case
2. Remote Speaker Microphone
3. Bluetooth Wireless Adapter

# Reliable. Robust. Mission Critical.

## Motorola P25 Portable Radios and Accessories.

Motorola P25 portable radios are fully equipped with advanced technology and ergonomics for different users and markets. Only Motorola offers four tiers of Public Safety grade products, including exclusive features such as Tactical Over the Air Rekeying (OTAR), ADP – low cost encryption, customer configurable channel announcement, and IMPRES audio accessories, batteries and chargers.

Every innovation is developed with input from first responders and designed to enhance security and reliability. Each detail meets the highest standards for performance, with award-winning design, to consistently raise the bar on two-way portable communication.

## Portable Comparison Matrix

Select from the most advanced lineup of P25 two-way portable digital radios to create a custom solution that meets performance specifications and budget requirements.



	APX 7000	XTS 5000	XTS 4000	XTS 2500	XTS 1500
<b>Trunking Support</b>	Type II A/D, ASTRO25	Type II A/D, ASTRO25	Digital Type II, ASTRO25	Type II A/D, ASTRO25	Type II A/D, ASTRO25
<b>Operation Mode</b>	TDMA, FDMA 3600/9600	FDMA 3600/9600	FDMA 3600/9600	FDMA 3600/9600	FDMA 3600 or 9600
<b>System Personalities</b>	100	50	50	50	50
<b>Multi-Band Operation</b>	X				
<b>GPS Operation</b>	Internal	RSM		RSM	
<b>Intelligent Lighting</b>	X				
<b>Radio Profiles</b>	X				
<b>Text Messaging</b>	X	X	X	X	
<b>POP25</b>	X	X	X	X	X
<b>OTAR</b>	OTAR	OTAR	OTAR	Tactical	
<b>Encryption</b>	Multi-Algorithm	Multi-Algorithm	Multi-Algorithm	Single-Algorithm	ADP
<b>IMPRES Technology</b>	X	X		X	
<b>Rugged</b>	Submersible IP67 Standard 2m 2 hrs	Submersible 2m 2 hrs	IP54 – Blowing Rain	IP67 – 1m 30 minutes	IP54 – Blowing Rain

# Mobile Subscriber and Accessory Portfolio

## APX 7500



1. Keypad Microphone
2. IMPRES Visor Microphone
3. GPS Antenna
4. Auxiliary Speaker
5. Desktop Microphone and Tray

## XTL 5000



1. Keypad Microphone
2. Palm Microphone
3. GPS Antenna
4. Auxiliary Speaker
5. Emergency Foot Switch

## XTL 2500



1. Keypad Microphone
2. Palm Microphone
3. GPS Antenna
4. PTT Foot Switch
5. Auxiliary Speaker

## XTL 1500



1. Keypad Microphone
2. Palm Microphone
3. GPS Antenna
4. PTT Foot Switch
5. Auxiliary Speaker

# Deployable. Dependable. Interoperable communications.

## Motorola P25 Mobile Radios and Accessories

Motorola mobile radios set the standard for advanced technology and real-world reliability, enabling personnel to communicate in any environment. Only Motorola offers innovative features coupled with intuitive design across four tiers of Public Safety grade products. These features include ease of installation, rugged temperature resistant displays, programmable buttons and the only mobile with integrated GPS.

## Mobile Comparison Matrix

Mobile users demand rugged and flexible P25 two-way radios that can stand up to emergency and day-to-day operations. Select from easy-to-use and reliable solutions that put control and confidence in the hands of users.



	APX 7500	XTL 5000	XTL 2500	XTL 1500
<b>Control Heads</b>	O3, O5	O3, O5		
<b>Trunking Support</b>	Type II A/D, ASTRO25	Type II A/D, ASTRO25	Type II A/D, ASTRO25	Type II A/D, ASTRO25
<b>Operation Mode</b>	TDMA, FDMA 3600/9600	FDMA 3600/9600	FDMA 3600/9600	FDMA 3600 or 9600
<b>System Personalities</b>	100	50	50	50
<b>Multi-Band Operation</b>	Internal	Multi-radio (W3)		
<b>GPS Operation</b>	Internal	External	External	External
<b>Intelligent Lighting</b>	X			
<b>Radio Profiles</b>	X			
<b>Text Messaging</b>	X	X	X	
<b>POP25</b>	X	X	X	X
<b>Encryption</b>	X	X	1 Algorithm	
<b>OTAR</b>	X	X	Tactical	
<b>Mounting</b>	Dash, Remote, Motorcycle	Dash, Remote, Motorcycle	Dash & Remote	Dash only
<b>High Power Models</b>	X	X	X	
<b>Multi Control Head</b>	Up to 4	Up to 4	Up to 2	

# **MOTOA<sup>4</sup>**™

**Mission Critical Portfolio**

## **Technology That's Second Nature™**

Motorola P25 Two-Way Radios are part of the MOTOA4 Mission Critical Portfolio of products that offer seamless connectivity between first responders. Motorola puts real-time information in the hands of mission critical users to provide better information that enables better decisions for better outcomes. It's Technology That's Second Nature™.

For more information on Motorola P25 Two-Way Radios, please visit our website at [www.motorola.com/publicsafety/radios](http://www.motorola.com/publicsafety/radios) or contact your local Motorola representative.

**> [motorola.com/publicsafety/radios](http://motorola.com/publicsafety/radios)**



**MOTOROLA**

Motorola, Inc.  
1301 East Algonquin Road  
Schaumburg, IL 60196 U.S.A.  
800-367-2346  
[www.motorola.com/publicsafety/radios](http://www.motorola.com/publicsafety/radios)

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