

# *Intuitive Design with Mission Critical in Mind*

O9 Integrated Control Head for APX™ 7500 Mobile Radios



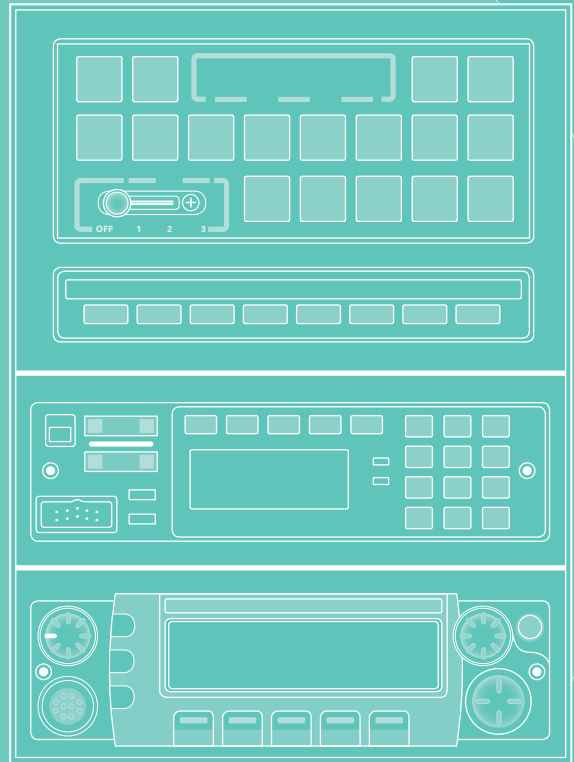
**MOTOROLA**

# APX O9 Integrated Control Head

## Maximize functionality. Optimize safety.



The APX 7500 O9 integrated control head combines the functionality of two mobile radios, a siren public address control and lightbar controller into one powerful mission critical design.



The O9 redefines the role, function, and features of control head technology. With programmable controls, the O9 replaces several communication and warning functions into a single button press – for safer and more efficient operation. Plus, the integrated design reduces the amount of equipment required in the vehicle, providing officers with more cabin space and easier access to all controls. The O9 is not only the next generation; it's a complete revolution.

*Programmability and one-touch buttons enable officers to work more efficiently – with less equipment – to perform a complete range of communication and warning functions. Simplified operations means officers can stay focused on the mission.*

### **Add functionality. Reduce equipment clutter.**

Just as the APX 7500 does the work of two radios – and reduces the amount of equipment in the vehicle – the APX O9 Integrated Control Head also eliminates the need for other vehicle warning and communication system controls.

### **Intuitive controls. Programmable buttons.**

The unique form factor of the O9 provides a complete set of controls in one integrated unit. The well-designed placement of the large full color display, rotary pursuit knob, keypad, and buttons makes the O9 intuitive in all types of operations – from routine traffic stops to mission critical actions. It's a safer and more

reliable system of controls for communication and warning functions compared to interacting with several non-integrated components.

### **One-touch functionality. More efficient missions.**

The O9 makes every action more efficient, enabling users to focus on the mission not the technology. With the same enhanced software functions as Motorola's O5 Control Head, the O9 also includes programmable buttons that can replace a series of actions. One-touch buttons make it easy to select and change modes, channel, and zones and can be used to sequentially operate lights, sirens, status messages, and GPS coordinates.

# Increase functionality. Maximize response.

The APX O9 Integrated Control Head is a smart solution – saving space, saving time, and saving money.



- 1 Dedicated Siren Controls
- 2 Integrated Direct Entry Keypad (DEK) Quick Access Buttons
- 3 Rotary Pursuit Knob
- 4 Take Down and Alley Light Controls
- 5 Dedicated protected emergency button
- 6 12 Button DTMF Style Keypad
- 7 Extra Large Full Color Display
- 8 One Touch Data Applications Access
- 9 Rotary Mode Selector
- 10 Large Programmable One Touch Buttons
- 11 Five Soft-Menu Buttons
- 12 Rotary Volume Control
- 13 One Touch Covert/Stealth Mode
- 14 Night/Day Mode Button
- 15 Display Brightness Adjustor

With the APX 7500 O9 integrated control head, organizations have a complete solution that offers dual-band capability and an expansive set of hardware and software features that meet the challenges of mission critical communications.

### Advanced Feature Support

- Intelligent Lighting for color display and backlit keypad
- Recent Call List
- Unified Call List
- Hidden Gunlock Buttons
- Dynamic Backlighting for Top Controls
- Icon Indication for Lightbar On Status
- Text Messaging

### Universal Lightbar Compatibility

#### Advanced Encryption Support

- Type III encryption (Project 25 and legacy)
- Advanced Digital Privacy (ADP)
- Multi-Key - 64 keys
- Multi Algorithm (5)
- Infrastructure and Tactical Over-The-Air-Rekeying (OTAR)

#### System Support

Analog, P25, TDMA, Legacy Systems

**Intelligent Lighting:** Intelligent lighting uses color to notify the user of the radio mode, potential emergencies, or specific events. The large display of the O9 Integrated Control head optimizes this feature as both the large display screen and keypad buttons are lit up in color to identify important system or radio events to the user at a glance.

Motorola offers a complete control head portfolio with 3 options available for the APX 7500 mobile radio. The O3 Handheld Control Head, O5 Standard Control Head and O9 Integrated Control Head give users the flexibility to choose the control head that best meets organizational needs.

# MOTOA<sup>4</sup>™

## Mission Critical Portfolio

### Motorola APX 7500: 2-In-1 Radio. For one-of-a-kind Interoperability

The APX 7500 is Motorola's most advanced Project 25 mobile radio, with interoperability on demand and a rugged design for reliable mission-critical communication. APX 7500 operates in 700/800 MHz & VHF\* and acts as two-radios-in-one for instant multi-band communication – streamlining the expense of maintaining, installing, and operating multiple mobile radios.

Advanced hardware features include multi-band operation, seamless scan, integrated GPS, and advanced encryption. Software innovations include intelligent lighting, radio profile configurations for specific tasks, text messaging, and unified call list.

*\*Other bands such as UHF available in the future*

### MOTOA4: Technology That's Second Nature™

The APX Mobile 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 public safety personnel to provide better information that enables better decisions for better outcomes. It's Technology That's Second Nature.

### APX P25 Multi-Band Radios

Additional information and resources such as product information, brochures, and white papers are available on the APX product website found at [motorola.com/apx](http://motorola.com/apx).

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



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