

FACT SHEET

APX™ MOBILE RADIO SIREN AND LIGHTS INTERFACE MODULE



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FLEXIBLE INTEGRATION OF IN-VEHICLE CONTROLS



Clear the clutter from the cockpit, easily integrate systems and improve occupant safety with Motorola APX control heads and the APX Mobile Radio Siren and Lights Interface Module (Interface Module).

Driver distraction is everywhere and in-vehicle systems continue to become more complex. With safety paramount, the Interface Module along with your APX mobile radio is your platform for the connected, next generation vehicle. Some of today's patrol vehicles can be ordered with steering wheel controls as an option. Connecting the Interface Module to these controls allows drivers to keep their eyes on the road and alert to their surroundings at all times. The Interface Module enables control of radio functions from steering wheel buttons (if equipped). Radio functions include volume change, scan toggle and channel change. Steering wheel buttons, door triggers and a multitude of lights and siren are controlled with built in General Purpose Input/Outputs (GPIO).

Keep what you have in your fleet. Lights and siren systems represent a significant fleet investment and the Interface Module complements it, allowing you to take advantage of the more advanced functions in your APX mobile radio. Developed as an expansion module, this solution enables the APX series of control heads (03, 07 and 09) to control the most popular lightbar and siren systems from Code 3®, Federal Signal and Whelen Engineering® without requiring you to replace your existing compatible lights and siren system.

Installation and configuration is quick and simple. Average installation time is under an hour and the programming utility can be quickly downloaded online. Ordering is just as easy. The Interface Module ships with plug-n-play cables unique to each supported siren brand. Just select your appropriate cable kit with the proper adapters. Typical installations have one connection to the APX mobile radio and two connections to the existing light/siren amplifier.

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APX COMPATIBLE CONTROL HEAD PORTFOLIO



03 HANDHELD CONTROL HEAD

- Large color display with intelligent lighting
- 2 lines of text 15 characters max/1 line of icons/1 line of menus
- Integrated full size DTMF KEYPAD
- Hand-held control head with intuitive user interface
- Two quick-access side buttons
- Display contrast selector



07 ENHANCED CONTROL HEAD

- Large color display with intelligent lighting
- 3 lines of text 15 characters max/1 line of icons/1 line of menus
- Available with Lighting and Siren Controls or DTMF Keypad
- Multiple control head configuration (up to 4)
- Configuration available
- Multifunction volume/channel knob
- Night/day mode button



09 INTEGRATED CONTROL HEAD

- Extra-large full color display with intelligent lighting
- 2 lines of text 14 characters max/1 line of icons/1 line of menus
- Integrated full size DTMF keypad
- Large programmable one-touch buttons
- Dedicated siren controls
- Integrated Response Selector
- Night/day mode button

COMPATIBLE WITH APX MOBILE RADIOS

APX 7500



APX 6500



COMPATIBLE THIRD PARTY OEMS FOR LIGHTS AND SIREN

• CODE 3® • FEDERAL SIGNAL • WHELEN® ENGINEERING

FEATURES AND BENEFITS

QUICK INSTALLATION

- Connects to APX with one cable
- Connects to OEM sirens with one or two cables

QUICK SETUP

- USB programming utility available

CONSOLIDATES PA AUDIO

- Supports single microphone for two-way audio and PA audio

GENERAL PURPOSE INPUTS/OUTPUTS

- 4 dedicated inputs for auxiliary functions
- Allows specific radio functions to operate from steering wheel control (if equipped)
- Allows specific radio functions to operate from vehicle OEM sensors
- 4 dedicated outputs for auxiliary functions
- Expands APX VIP options

GENERAL SPECIFICATIONS

Input Voltage	13.8 VDC +/- 20%
Main Input Fuse	2 Amps
Stand-by Current	200 mA
Operating Temperature	-30° C to +70° C
Storage Temperature	-40° C to +85° C
Reverse Polarity	Protected

DIMENSIONS

Height	7.94"
Width	7.94"
Depth	3.31"

GPIO

Max Input Sink Current	100 mA
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Motorola Solutions, Inc. 1301 E. Algonquin Road, Schaumburg, Illinois 60196 U.S.A. motorolasolutions.com/apx

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