



# **APX<sup>™</sup> Portable Subscriber**

**Two-Way Radio**

## **APX N70 Release Notes**

### **SR2023.2**

**AUGUST 2023**



## Appendix A

# APX N70 Release Notes

### Subscriber APX R01.60.00

Updated: August 2023

This Feature Release is intended for customers requiring the latest release feature content.

**APX N70 Platforms: APX N70**

**New APX Firmware Version: R01.60.00**

**Previous APX Firmware Version: R01.41.00**

#### A.1

### Important Notes

N/A

#### A.2

### New/Replacement Products

#### Abstract: APX N70 + Div 1 Battery Support

**System Platforms Affected:** APX N70 700/800 MHz

**Special Configurations:** Must select "TIA-4950 (UL)" in CPQ field "Hazardous Location"

**Description:**

- Support for UL DIV 1 Certification of APX N70 7/800 Radio
- Support for the DIV 1 Battery - 3650 mAh (PMNN4818)
  - UL: DIV 1, Class I (C,D), Class II (E,F,G), Class III Hazardous Locations, Class I, Division 2, Groups A, B, C, D
- Support new Hybrid Holster for DIV 1 battery solution



**NOTE:** Available in October

#### Abstract: APX N70 7/800 Stubby Antenna

**System Platforms Affected:** APX N70 700/800 MHz, APX N50 700/800 MHz, APX N30 700/800 MHz

**Special Configurations:** Must select "Stubby" in CPQ Field "Antenna Type"

**Description:** New 10 cm shorter antenna (AN000418A01) for the 7/800 MHz APX N70/50/30 models



**NOTE:** Available in September

### A.3

## New Features

### **Abstract: Pre-Configured Mode Select for Home in Codeplug**

**System Platforms Affected:** All portable APX radios

**Special Configurations:** N/A

**Description:**

- Allow Preset Channels to be pre-provisioned in the codeplug and provide the option to Enable/Disable Preset Channel programming by the user in the radio. (All Portables)
- Provides the ability to configure the APX radios with the "Home Channel" function adding the option to remove or disable the Home Channel touch-screen. (All Portables)
- User will be able to use the voice command "change to Preset X" or "switch to Preset X" for presets that have been configured in the codeplug or by the user. (APX NEXT/N70 Only)

### **Abstract: VA Interrupt via Button Press and High-Power Indication on Emergency Mode**

**System Platforms Affected:** All APX

**Special Configurations:** N/A

**Description:**

- VA Interrupt via User-Initiated Button Press: The customer should be able to stop the Voice Announcement through a user-initiated button press. The VA will continue to be replayed if it is interrupted by an autonomous response.
- Display High-power indication when entering on Emergency mode: The customer requested the High/Low power icon to match the actual transmit power level while operating in Emergency.

### **Abstract: SIM Invalid or Removed Trigger (SIRT) to Action Consolidation**

**System Platforms Affected:** APX N70

**Special Configurations:** LTE service w/physical SIM card, Remote Inhibit requires Tech Console

**Description:** This new feature is intended to solve misuse cases of large customers who have conventional RF systems. SIRT or SIM Invalid or Removed Trigger uses the Codeplug to configure a looping action consolidation to help Radio Admins find these misused radios and mitigate that risk remotely. The feature has an on-device alerting system which notifies the user to re-insert the proper SIM card. There is another more covert feature that silently sends a status message every 60 seconds to the Radio Admin through the Tech Console. This status message repeats until the feature is deactivated.

### **Abstract: Wi-Fi per Channel/TG**

**System Platforms Affected:** All Wi-Fi capable radios

**Special Configurations** QA09001/GA09001 Wi-Fi Capability

**Description:** Provide the ability to allow or block Wi-Fi per channel.

### **Abstract: Editable Recent Call List**

**System Platforms Affected:** All APX radios

**Special Configurations:** N/A

**Description:** This feature provides more manageable RCL queue using filters and delete options:

- Provides the ability to delete calls from the Recent Calls list.
- Provides the ability to filter based on call types in the Recent menu.
- Add Remote Emergencies filter in the Recent menu.

### **Abstract: Short/Long Button Keypress for Features**

**System Platforms Affected:** All APX portable radios

**Special Configurations:** Applicable to Radio and RSM.

**Description:** Provides the ability to adjust the short/long keypress durations for individual buttons instead of global settings.

### **Abstract: Digital Conventional PTT Tone**

**System Platforms Affected:** Only supported on Motorola Digital Conventional Duplex repeaters

**Special Configurations:** N/A

**Description:** This feature enables the radio to sound a standard P25 talk permit tone or talk prohibit tone when PTT is triggered in the Digital Conventional channel.

### **Abstract: SmartConnect and DMT On New Sierra Wireless XR Series Modem**

**System Platforms Affected:** All APX that support SmartConnect and Data Modem Tethering

**Special Configurations:**

- DMT-GA09011 or DMT over WiFi- GA01545, GA09011
- SmartConnect- Portables QA07682, Mobiles GA01630
- For SmartConnect: Application Service number SSV01S01663A. For additional requirements on your radio or infrastructure, contact your sales representative.

**Description:** Providing SmartConnect and Data modem Tethering functionalities with the new XR series modems to make it compatible with the complete solution MSI is offering today.

#### **A.4**

## **Updates**

**N/A**



**NOTE:** Please see the `APX_CPS_Readme` file and the `CPS HELP` for additional information.