

**APX™ Portable Subscriber**

Two-Way Radio

# APX N70 Release Notes

## SR2025.1

**MARCH 2025**

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**MN009853A09**

## Appendix A

# APX™ N70 Subscriber

From R05.00.00 to R06.03.00

APX N70, our single-band P25 portable two-way smart radio, advances usability and performance in every aspect of the radio and protects the focus that keeps responders safe and effective.

### A.1

## Here's What's New for APX™ N70 for R06.03.00

We've introduced the following features for APX N70 models:

### 1.1 RSM Fallback for Radio PTT and ViQi: Voice Control

Now users may configure the fallback behavior for a radio to a wired accessory in the event that a wireless accessory is not present for either radio PTT and radio ViQi buttons.

If the wireless accessory is not connected but a wired RSM is connected, the radio utilizes the RSM when this feature is configured. Otherwise, if neither of these accessories are connected, the radio utilizes the radio mic.

**Requires** ViQi: Voice Control (QA09028) when using ViQi VC, but this option is not required to make use of the radio PTT or ViQi: Virtual Partner features.

### 1.2 Expanded Voice Announcement and TTS File Capacity

APX Standard devices are now capable of assigning Voice and TTS Announcements on every zone and channel.



**NOTE:** This feature can only be configured using the CPS or RM, and the New RadioCentral programming tools. This feature is not supported by the Current RadioCentral™.

**Requires** a firmware version of R06.03.00 or greater.

### 1.3 SmartIncident Enhancement

This software release provides user experience enhancements to SmartIncident in the Home widget, the Incident Summary, Premise or Hazards, and Multimedia screens.

**Requires** a SmartIncident subscription.

### 1.4 RadioCentral Notified When the Radio is Using Secondary Codeplug

The multiple-independent codeplug feature only supports RadioCentral updates when the radio is operating on the primary codeplug. If the radio is switched to a secondary codeplug, the radio no longer connects with RadioCentral and appears to be offline, as though the radio is switched off.

Now with this latest release, the RadioCentral admin is notified if the radio does not process a job because it is currently operating on a secondary codeplug, so they may alert the radio user to switch back to the primary codeplug.

**Requires** Multi-Codeplug Programming (QA09772).

## 1.5 Application Session Lock Updates

When a device remains idle and reaches the programmed timeout, the device requires the radio user to enter a PIN to unlock the app services selected in the codeplug, that may contain sensitive data.

We have revised the PIN guidelines of this feature to now support two repeating digits (example, 22 or 33) and two sequential digits (example, 23 or 45).

**Requires** enablement of the Application Session Lock feature per app services as selected in the codeplug.

### A.2

## Product and Hardware Support Updates

This section contains product announcements or hardware support updates for this firmware release.

### 2.1 APX N70 XE Portable Radio Launch

With the 2025.1 firmware release, we are introducing support for a new portable radio to the APX N line, the **APX N70 XE** radio (H35UCT9PW8AN).



**NOTE:** Currently, only 7/800 MHz band operation is supported.

### A.3

## Updates

### 3.1 Abstract: Display May Go to Sleep Mode After a Firmware Update.

**System Platforms Affected:** N/A

**Special Configurations:** N/A

**Description:** Starting with SR2023.3 and prior to this release, in rare instances the front display may go into sleep mode after a firmware update resulting in the screen becoming unresponsive. The following power-cycle fully restores normal operation.

### 3.2 Abstract: Radio May Enter Recovery Mode Upon Pairing to an Incompatible COTS Bluetooth Accessory Operating in Low Energy (LE) Mode.

**System Platforms Affected:** N/A

**Special Configurations:** Incompatible COTS BT Accy Operating in LE Mode (BT LE COTS)

**Description:** Starting with SR2024.2, the radio may go into a recovery mode upon pairing to a BT device operating in LE mode. Starting with this release onwards, the COTS BT Accy operating in LE mode is not allowed to pair successfully.

### 3.3 Abstract: Radio May Display “Network Error” on the Radio’s Top Display Upon a Quick Power Cycle

**System Platforms Affected:** N/A

**Special Configurations:** N/A

**Description:** In very rare instances, starting with SR2022.2 and prior to this release, the radio may display a Network Error message on the top display of the radio after a quick power-cycle.

### 3.4 Abstract: Radio May Display “IPC Error” on the Radio’s Top Display Upon Power Up

**System Platforms Affected:** N/A

**Special Configurations:** N/A

**Description:** In very rare instances, starting with SR2022.2 and prior to this release, the radio may display an IPC Error message on the top display of the radio upon powering up.

#### A.4

## Product Compatibility

The following APX N70 radio models are compatible with this latest firmware release.

Supported Platforms
APX N70 7/800
APX N70 XE 7/800
APX N70 UHF
APX N70 VHF