MOTOROLA SOLUTIONS

APX™ Portable Subscriber

Two-Way Radio

APX N70 Release Notes SR2024.3

MN009853A08

APX N70 Release Notes

Subscriber APX N70 R05.00.00

Updated: January 2025

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

APX N70 Platforms: APX N70

New APX Firmware Version: R05.00.00

Previous APX Firmware Version: R04.31.00

A.1
Important Notes

Abstract: 3rd Party Accessory Support

System Platforms Affected:APX N70

Special Configurations: N/A

Description: Allows the user to connect a third-party accessory to their APX N-Series radio, provided the accessory contains a valid certificate licensed by Motorola.

A.2
New Features

Abstract: Parity-Remote Monitor

System Platforms Affected: APX N70

Special Configurations: Dispatch Console from R05.00.00 onwards, Remote monitor option H43

Description: Remote Monitor provides ability for the dispatcher to remotely key up the radio so that the dispatcher can now listen over the PTT. Also provides ability for the dispatcher to locate stolen/missing radio through Radio Trace functionality(Conventional only).

Abstract: Parity- RF Modem Parity

System Platforms Affected: All radios (Adding support for APX N70)

Special Configurations: APAA

Description: Enable the APX NEXT radio to switch to RF Modem mode when connected to the APX™ Personnel Accountability Application (APAA).

Abstract: Parity- Silent Emergency

System Platforms Affected: All radios (Adding support for APX N70)

Special Configurations: N/A

Description: This feature ensures that there are No audible or visual indication of the emergency transmission on the radio while transmitting an Emergency Alarm.

Abstract: Location Format Enhancement - 6-Figure Grid Reference

System Platforms Affected: All radios (Adding support for APX N70)

Special Configurations: Radios need to support location and QA00782/GA00229- GPS Activation

Description: Configurable field to show UTM Grid Reference display and 100m grid square format together.

Abstract: Parity- ASTRO25 Talkgroup Text Messaging Support

System Platforms Affected: All radios (Adding support for APX N70)

Special Configurations: Require Consoles

Description: Enable the APX N70 radio to receive and display group Text Messaging Service.

> **NOTE:** Mutually exclusive with SmartMessaging.

Abstract: FPP Change Frequency - Enhancement

System Platforms Affected: APX N70

Special Configurations: Q52/GA00243 - FED FPP (No dongle required) (FED FPP And Zone Cloning).
Q53/G53 - Non-FED FPP (password required) (Non-FED FPP And Zone Cloning).

Description: An enhancement to existing implemented FPP behavior for APX NEXT and APX N70.
Providing more flexibility for the user:

- Entering quickly new frequency from scratch
- Edit char from current frequency irrespective of position
- Auto correcting bandwidth

Abstract: Location Format Enhancement - Location Format Switching

System Platforms Affected: All Radios

Special Configurations: Require GPS

Description: Allows users to quickly identify their location in different formats by pressing up and down arrow.

Abstract: Enhanced PSU Alias Display and Alias Update operation through DVR

System Platforms Affected: All APX radios that support DVRS PSU model option

Special Configurations: QA00631 - DVRS PSU Activation

Description: This feature will allow APX Alias Display and Alias Updates through DVR to PSU in all modes of operation. The alias will be displayed on the PSU when the existing codeplug configuration is enabled. Over-The-Air received Group Services Messages(Alias Updates and GroupText Messaging) is forwarded to DVR/PSU. PSU to update Conventional and Trunking Section of Unified Call List (UCL) and synchronize with APPS real-time to update Alias and Text Messages.

Abstract: Allow a 3rd and 4th Power Level

System Platforms Affected: All Radios

Special Configurations: N/A

Description: Allows a user to configure the radio codeplug with two additional power levels and to select the new power levels via the user interface on the radio.

Abstract: Multiple Independent Codeplug Support

System Platforms Affected: All Radios

Special Configurations: Require QA09772/QA09772 - Multi-Codeplug Programming. For APX Standard BN models (not available on 1.5 models) and APX N-family

Description: Allows a user to configure a radio with multiple codeplugs via CPS and to select and/or delete the configured codeplugs via the user interface.

Abstract: Command Central Autologout Enhancement

System Platforms Affected: APX NEXT, APX N70

Special Configurations: User login authentication type - Device Certificate

Description: Device logs itself in during power-up. No need to create specific user emails and accounts. When a user is logged in using Command Central Autologout - there will be no option for the user to logout.

A.3
Updates

Abstract: Internal IPC Error / Can't load Android system. Your data may be corrupt

System Platforms Affected: N/A

Special Configurations: Wifi Enabled

Description: In rare cases at power up the front display will briefly turn on and it displays "Can't load Android system. Your data may be corrupt". The top display shows "IPC Error."

Abstract: Secure Audio from a Talkgroup Translated PSU with different keys than MSU is not heard on the Console

System Platforms Affected: DVRS

Special Configurations: PSU Talkgroup Translation

Description: Starting with SR7.18.5 and prior to this release, Emergency audio from a Talkgroup translated PSU with different secure keys is not heard on the console or other trunking radios during a patch call.