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# Firmware 5.6.0 Release Notes



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## Release notes - KNG Firmware - Version 5.6.0

**\*\* Bug**

- \* [KF-2236] - Radio does not boot when programmed with >255 trunking scan entries
- \* [KF-2237] - Control heads mute audio when receiving during powerup
- \* [KF-2243] - GPS user transmit request cannot be entered through the menu
- \* [KF-2272] - MOB: Toggle states are reported and handled on the mobile
- \* [KF-2301] - TRK: Stuck in registration loop on weak site
- \* [KF-2308] - Conv Sys: Evacuation Tone button sequence fails
- \* [KF-2379] - Conv Sys: Emergency does not appear to send data
- \* [KF-2388] - Bluetooth: upon initialization (new radio) Bluetooth discoverable is on by default
- \* [KF-2398] - Bluetooth enabling on powerup
- \* [KF-2399] - TRK: Receive only (TG or system) locks users out of reading text messages
- \* [KF-2423] - Configuration Menu Cannot Be Accessed in Specific Conditions
- \* [KF-2446] - TRK: Encrypted Audio Garble
- \* [KF-2460] - CNV: Assigning Control Lock to a side button results in that button being locked along with keypad
- \* [KF-2475] - Mobile Synthesizer Lock Failure with latest firmware
- \* [KF-2486] - Bluetooth Mic's on G2's do not reconnect after going out of range
- \* [KF-2515] - Control Head Soft Lock
- \* [KF-2517] - Random Touches on KNG-M150R
- \* [KF-2532] - Hardware freezes in state within system test menu after button test.
- \* [KF-2534] - Radio's without GPS optioned error at bootup
- \* [KF-2535] - Delay/Flicker in UI screen change from System Test Menu
- \* [KF-2540] - Scan List Entries without a scan list seg faults
- \* [KF-2541] - UI Fixes
- \* [KF-2543] - Keypad Prog DTMF error
- \* [KF-2546] - In test event tracing mode, kng continuously sends Backlight Status issues
- \* [KF-2550] - UI KeyEvent Default Function Cleanup
- \* [KF-2556] - Issue when Display Timeout and Soft Power Down Timer are enabled at the same time
- \* [KF-2559] - Audio Converter Within Internal Branches Broken
- \* [KF-2566] - Zone Select issue when using keypad programming
- \* [KF-2570] - Invalid button handling in UIRadioTestManager
- \* [KF-2579] - Add error messages for several soft keys
- \* [KF-2586] - RCH/HHCH devices backlight doesn't come back on with touch screen or channel change
- \* [KF-2593] - Surveillance Mode on Trunking Channels is always Selectable

- \* [KF-2611] - UI: exit button does not work on Destination Clone Mode screen
- \* [KF-2612] - UI: Yes button unlabeled in Delete Channel confirmation screen
- \* [KF-2619] - Tone select display line shows when no tone is selected
- \* [KF-2621] - No navigation items within the Key menu
- \* [KF-2622] - Keypad programming label editor does not allow punctuation characters to be entered
- \* [KF-2625] - RadioTrace reports DSP DEBUG\_ERROR at SPController.cpp:2011
- \* [KF-2626] - Display glitch when running Autotest scripts
- \* [KF-2627] - Configuration Menu Is not accessible during boot error
- \* [KF-2628] - Destination Clone Start Screen displays "Exit" key
- \* [KF-2634] - Conventional Menu and Programmable Softkeys do not match for "Key Picklist" or "User Keys"
- \* [KF-2635] - Keypad Programming Delete Channel/Zone Soft Key bug
- \* [KF-2637] - Keypad Programming Delete Zone Bug
- \* [KF-2638] - RCH Configuration Menu has no softkeys
- \* [KF-2640] - Legacy Cloning - Security settings
- \* [KF-2649] - Trunking - Talk Group Audio Interrupt fails
- \* [KF-2653] - Contrast does not work as a Button option
- \* [KF-2658] - Keypad programming accepts invalid frequencies without error message
- \* [KF-2661] - Keypad Programming Tx on Priority Toggle Issue
- \* [KF-2666] - OTSP - no registration attempt after Busy Condition ends
- \* [KF-2668] - Keypad Programming Selection Allowed on Locked Items
- \* [KF-2669] - Power up Password UI Issues
- \* [KF-2671] - Older P150 RF boards with newer firmware are recognized as TDMA capable
- \* [KF-2672] - (Commander Radio) Error tone from unprogrammed channel will continue after navigation off of channel
- \* [KF-2684] - Evacuation Tone does not end if emergency button is pushed first
- \* [KF-2688] - Deleted nuisance channel cannot be re-added by pressing nuisance channel delete softkey again
- \* [KF-2689] - Talkback Scan doesn't TX encrypted
- \* [KF-2691] - Contrast Adjust Should Not Be Allowed on KNG2
- \* [KF-2692] - Analog/Digital Volume Adjust Tone intermittently sounds when channel is changed
- \* [KF-2695] - Unit Call Target not responding
- \* [KF-2701] - Customer Is getting strange display on radio.
- \* [KF-2705] - Firmware changes RX frequencies in Keypad programming - 773.0 MHz to 770.0 MHz. Didn't check TX freqs.
- \* [KF-2729] - Display Options in RES do not match options in Keypad Programming

**\*\* New Feature**

- \* [KF-19] - Display encryption key during crypto events
- \* [KF-887] - MOB: dynamic control head addresses
- \* [KF-2063] - Backlight off softkey
- \* [KF-2161] - Explicitly choose how time is set
- \* [KF-2199] - TRK: Add button function to mute text messaging alert tone
- \* [KF-2207] - Add AMBE tone detection as a programmable option
- \* [KF-2229] - KNG2: Add separate G2 lightning light support
- \* [KF-2241] - Potential customer (RCMP) desires the ability to have one button quick status update for conventional operation
- \* [KF-2249] - Backlight on Channel Change
- \* [KF-2250] - US Army bid requirement: capability to send 5 distinct alert tones via menu and button sequence
- \* [KF-2255] - GPS Display Line: additional display line option for lat long in addition to distance and direction
- \* [KF-2269] - OTR: Add support for delete-key KMM
- \* [KF-2275] - Add support for new emergency alarm man-down flag
- \* [KF-2291] - Reorder the System Test menu
- \* [KF-2292] - Offhook talkback
- \* [KF-2321] - Requirements for Dept of Interior Contract:: Volume Tone and Global Default Squelch Level
- \* [KF-2359] - Don't exit GPS information menu on PTT
- \* [KF-2360] - Update IP-224 on channel change or scan hit
- \* [KF-2361] - Enter GPS Info menu on press-and-hold
- \* [KF-2371] - Add software support for AES encryption
- \* [KF-2376] - Add new final test and alignment commands
- \* [KF-2380] - Cloning: Display times out during cloning
- \* [KF-2381] - Keypad: option to disable and enable beeps
- \* [KF-2382] - Mobile: Smart Mic right-arrow doesn't perform right button action
- \* [KF-2395] - Power down timer for mobile
- \* [KF-2402] - GPS enable/disable
- \* [KF-2410] - Add USB command to retrieve a single parameter
- \* [KF-2438] - DTMF live dial global enable
- \* [KF-2439] - DSP L138: Check that LOG component is working
- \* [KF-2447] - System test PTT counter

- \* [KF-2452] - Programmable Buttons: add system test
  - \* [KF-2461] - Ignore transmissions from own P25 UID
  - \* [KF-2473] - '\*' and '#' shortcuts for KNG-S compatibility
  - \* [KF-2481] - AHS Handset Offhook Mute All
  - \* [KF-2483] - Mobile I/O Call Alert Timeout
  - \* [KF-2485] - Select keyset 1 if 'Allow Keypad Selection' is disabled
  - \* [KF-2487] - Allow Keypad Programming of Command Zone Channels
  - \* [KF-2492] - Option to turn Voice Annunciation on/off
  - \* [KF-2495] - GPS: Peer to Peer requested changes
  - \* [KF-2499] - Display radio name in versions and radio info menu
  - \* [KF-2589] - Add Themes as a global parameter for pegasus
  - \* [KF-2590] - Add Themes Menu to Programmable buttons and Programmable Menus
  - \* [KF-2600] - Add a "+" to the Priority Scan Select button for the M150R
  - \* [KF-2618] - GPS Tier 1 PTT Preamble
  - \* [KF-2633] - HCH volume control could not individually adjusted.
  - \* [KF-2642] - New Global Parameter to allow users to version control their code-plugs
  - \* [KF-2655] - Allow SNDCP Deregistration to be Disabled
  - \* [KF-2657] - Date & Time Feature: daylight savings
  - \* [KF-2722] - Home Button Functionality Change
- \*\* Task
- \* [KF-2537] - Rework Softkey Draw Structure
  - \* [KF-2704] - Mark All Mobile I/O Checkboxes as Deprecated
- \*\* Sub-task
- \* [KF-2710] - Add Support for Evacuation Tone on Mix Mode Channels when Analog is selected
  - \* [KF-2724] - Evacuation Tone needs to be triggered in any combo of orange + PTT, PTT + Orange
  - \* [KF-2725] - Evacuation Tone Triggers Emergency when programmed to Orange
  - \* [KF-2726] - Evacuation Tone - Support for external speaker mics