



7100 Technology Drive  
West Melbourne, FL 32904  
1-800-422-6281

# Service Bulletin

BKSB-1042  
Issue Date 6/3/2016



**Issue:** Firmware (Ver. 5.4.0b), PC Radio Editor (KAA0732-Ver. 2.4.0), and PC Radio Editor-ASK (KAA0735-Ver. 2.4.0) Update

**Importance:** Recommended but not required

**Affected Models:** KNG-Pxxx, KNG-Mxxx, KAA0660, and KAA0670 with firmware and Radio Editors prior to versions listed above.

**Recommended Action:** Update as required. The features and fixes are listed below.

**NOTE: THIS BULLETIN DOES NOT APPLY TO KNG-S MODELS**

## Added/Updated radio features:

Encrypt low speed data bytes with ATP  
Moved menu button on unprogrammed channel screen  
Zeroize keys with softkey combination  
Mobile: Reverse color scheme on display. Background from white to black, and characters from black to white  
Mobile/Base: ACC mic and OPT x input support hi PTT  
Mobile/Base: Zeroize Keys should not prompt user  
KNG2: Added temperature to system test  
KNG2: Bluetooth UI improvements  
KNG2: Added notification when saving date and time  
Conventional: Added triple beep clear and secure talk permit tone  
Conventional: Increase Code Guard Picklist Length to 256 entries  
GPS: Acquisition tweaks  
GPS: Peer-to-peer tweaks  
GPS: UID via P25 string  
Trunking: Added Group Affiliation Query feature  
Trunking: Added Radio Detach feature  
Trunking: Added Harris-specific group regroup feature

## Bug Fixes

Data registration hold-off fails  
Disable BT menu when un-optioned  
DSP lockup on transmit  
Emergency Button does not appear to disable  
FIPSCOM error message missing  
For a P25 trunking system, when the site alias list contains >255 entries, radio display is blank.  
Inverted picklist code guards don't work  
Squelch tail on powerup tone  
Zone select toggle switch stops working on unprogrammed channel  
Mobile: Accessory I/O enable bugs



7100 Technology Drive  
West Melbourne, FL 32904  
1-800-422-6281

# Service Bulletin

BKSB-1042  
Issue Date 6/3/2016



Mobile: Emergency accessory input can get out of sync  
Mobile: Master Volume control of RCH  
Mobile: Menu not accessible with a control head attached  
KNG2: Audio Pops  
KNG2: DSP crash when C-ACE is loaded with more than 64 keys  
KNG2: Programmable button press and hold times not implemented  
Conventional: KNG to KNG cloning broken  
Conventional: ANI Index of 512 is invalid  
Conventional: Correct NAC Busy Channel failure  
Conventional: Destination clone error  
Conventional: DPH/GPH CMD cloning picklist to KNG  
Conventional: Emergency polite tries failure  
Conventional: Failure to resume scanning after emergency canceled  
Conventional: Global squelch adjustment reset  
Conventional: GPH > KNG cloning hands on ANI/DTMF  
Conventional: MDC list indexing is off  
Conventional: Reference channel cloning  
Conventional: RX emergency notification with incorrect NAC  
Conventional: Unqualified DTMF decoder display  
Trunking: Registration issue  
Trunking: Dual mode scan issues  
Trunking: Emergency call alert tone problem  
Trunking: Out-of-range tone not sounding  
Trunking: Priority scan edit priority channel 1  
Trunking: Priority scan talkback  
Trunking: Registration/affiliation error tones  
Trunking: RX-only invalid menu entry  
Trunking: Unit call failures  
DFSI: AMBE audio issues  
OTAR: No zeroize response  
User Interface: RSSI display during data registration attempts

## Firmware Update

### Parts and Equipment Requirements:

- 1- KAA0710 Programming Cable
- 1- Firmware Update from RELM.com

### Procedure:

- 1) Verify the radio firmware revision installed in your KNG.  
Select "Versions" from the radio menu.  
Update radios whose software version is less than 5.4.0b.



7100 Technology Drive  
West Melbourne, FL 32904  
1-800-422-6281

## Service Bulletin

BKSB-1042  
Issue Date 6/3/2016



- 2) Download and install the KNG Field Update 5.4.0b for your portable, mobile, remote mount control head or handheld control head from the service section of the [www.relm.com](http://www.relm.com).

Shortcut: [http://www.relmservice.com/products/BK\\_Digital.asp](http://www.relmservice.com/products/BK_Digital.asp)

### Software Update

NOTE: Radios with software version 5.4.0b may require an updated Neovision radio editor. The compatible Neovision radio editor version is 2.4.0

Customers with a registered copy of the radio editor can download the latest release from the service section of [relm.com](http://www.relm.com) by entering a valid serial number on the Software Update page. <http://www.relmservice.com/software/update.asp>

Authorized customers can download the updated version by logging in prior to navigating to the software section of the website.

The latest revision may also be purchased from your RELM/BK Radio dealer or directly from RELM Wireless at (800) 821-2900