

Field Software Notice

To: **Users of 5300X Mobile Radios**
Subject: **Software Release**

Platform: **5300X Mobile**
Protocol: **All**
Version Release #: **4.4.27** Part Number: **039-5726-212**
Supersedes Version#: **4.4.14**
Effective Release: **03/06/06**

<i>Minimum Requirements:</i>	<i>Version</i>	<i>Part Number</i>
Corresponding DSP Version:	4.4.8 ⇔ 4.4.11	Embedded in flash
Corresponding ROM Boot Version:	4.0 (no change)	039-5725-200
Corresponding RAM Download Version:	1.4 (no change)	Embedded in PC Configure
Corresponding PCConfigure Version:	1.28.0.3 ⇔ 1.28.0.8	039-5687-236
Corresponding PCTune Version:	2.0.2.1 ⇔ 2.0.2.3	039-5697-211
Corresponding SMA Version:	1.2.4 (no change)	039-5730-201
Corresponding SEM Version:	3.4 (no change)	039-5711-205

Feature Enhancements

- Comments:

- P25 Trunking:

- Start Scan Hold Timer after Announcement Group call has ended
- Allows entry of Site IDs greater than 63
- Supports setting Failsoft inactivity timer to zero
- Improved Denied Group Call in Radio Wide Scan mode
- Removed conflict between TX Delay Timer and Scan Hold Timer
- Resolved sudden loss of carrier in Failsoft mode
- Increased speed for entry into Failsoft mode
- Improved Announcement Group display update
- Announcement Group Strapping Improvement
- Ignores channel grant while actively receiving
- Allows PTT when listening to one of the Talk Groups on its Scan List with Scan or Radio Wide Scan enabled

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- SN_SZ:

- Start Scan Hold Timer after Announcement Group call has ended
- Supports setting Failsoft inactivity timer to zero
- Improved Denied Group Call in Radio Wide Scan mode
- Removed conflict between TX Delay Timer and Scan Hold Timer
- Eliminates VHF Priority Scan Popping
- Ignores channel grant while actively receiving
- Allows PTT when listening to one of the Talk Groups on its Scan List with Scan or Radio Wide Scan enabled
- Does not check priority unless Scan is enabled

- Conventional:

- Added ability to edit channel spacing on a mixed mode channel with analog transmit enabled
- Eliminates UHF Priority Scan Popping

- Multinet:

- Update for squelch tail noise on loss of carrier

- General Improvements:

- Eliminates Data Mode Lockup
- Eliminates OTAR Lockup
- Improved Microphone Audio quality
- Added support for tone signaling
- Control Head software version 3.18 goes with this version of mobile radio software
- Synchronized PR/UI Channel in Radio Wide Scan mode
- Allows radio to actuate Emergency upon assertion of Input B
- Increased Minimum Task Timer to 10 seconds for uploading/downloading with PCC in P25 Trunking environment
- Added responses to control head's Update Display request