

# Field Software Notice

To: **Users of 5100ES, 51SL ES and Ascend ES Portable Radios**  
Subject: **Software Release**

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Platform: **5100ES Portable**  
Protocol: **All**  
Version Release #: **6.8.4 (Part Number: 039-5757-209)**  
Supersedes Version#: **6.6.5**  
Effective Release: **08/07/08**  
Express Code Updater: **CD Kit 023-9998-531-205**

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<i>Minimum Requirements:</i>	<i>Version</i>	<i>Part Number</i>
Corresponding DSP Version:	6.8.4	Embedded in flash
Corresponding ROM Boot Version:	6.7	039-5756-202
Corresponding RAM Download Version:	1.0 (no change)	Embedded in PC Configure
Corresponding PC Configure Version:	2.8.4 ⇔ 2.10.1	039-5754-211
Corresponding PC Tune Version:	3.0.13 ⇔ 3.0.14	039-5697-219
Corresponding SMA Version:	1.2.7 (no change)	039-5730-202
Corresponding SEM Version:	3.4 (no change)	039-5711-205

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## Feature Enhancements

### ➤ **P25 Trunking:**

- Corrected emergency retry failure for simultaneous PTT/Emergency events
- Delay for transmitting inserted to wait until after Talk Permit Tone is completed
- Modified operation of Auto Site Search function to allow users to cycle through the "best sites" in the site ranking list

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➤ **SMARTNET®/SmartZone®:**

- Delay for transmitting inserted to wait until after Talk Permit Tone is completed
- Modified operation of Auto Site Search function to allow users to cycle through the “best sites” in the site ranking list

➤ **Conventional:**

- None

➤ **Multi-Net®:**

- Allow microphone level settings to be adjusted in the same manner as is allowed on other protocols
- Expand radio roaming diagnostic mode to support Multi-Net protocol

➤ **General Improvements:**

- Utilizes a soft reset of the radio after a parameter backup reload if the primary parameter file is corrupted
- RF Signal Level Icon added for trunking systems to allow user to easily see a graphical representation of the receive station
- Icon added to differentiate RWS edit modes