

# *Field Software Notice*

To: **Users of 5100 Portable Radios**  
Subject: **Software Release**

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Platform: **5100 - (With DES-OFB/AES Encryption)**  
Protocol: **All**  
Version Release #: **2.2.2**      Part #: **039-5714-202**  
Effective Release Date: **5/3/04**

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*Minimum Requirements:*

PC Configure: <b>1.22.0.4</b>	p/n <b>039-5687-227</b>	ARM:	N/A
PC Configure Code Upgrade Loader:	N/A	DSP:	N/A
PC Configure Boot Upgrade Loader:	N/A	PC Flash:	N/A
Radio Boot Code: <b>2.0</b>	p/n <b>039-5710-200</b>	PC Tune:	<b>1.1.1.0</b> p/n <b>039-5697-205</b>
Other: <b>SEM Flash Software 3.3.0</b>	p/n <b>039-5711-204</b>	PC Trunk:	N/A

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*Feature Enhancements:*

- **Added keypad lockout, volume and channel knob disable**
- **Added PTTid unit registration**
- **Added Rx only channels**
- **Added support for group affiliation query**
- **Added User Group ID table**
- **Changed reaffiliation timer default to 4 hours**
- **Don't allow Rx calls after site access denied**
- **Enhanced affiliation between two systems**
- **Enhanced Control Channel roll site-hopping when in Site Trunking**
- **Enhanced site failure detection functionality**
- **Enhanced Group/Regroup**
- **Enhanced Emergency on Group/Regroup channel with no emergency group programmed**
- **Enhanced emergency group selection with no emergency group programmed**
- **Enhanced Emergency Hot Mic**
- **Enhanced user selected squelch operation**
- **Enhanced Priority Scan operation**
- **Enhanced Patch Regrouping operation**
- **Expanded Call and Phone Lists**
- **Improved parms upload/download when waiting for password entry**
- **Password enhancements**
- **Retry home site twice after loss of sync**
- **RWS list edit**

- **Support PTTid display during hangtime**

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*Part Numbers Affected:*

242-51XX-XXX-XX**2**

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*Notes:*

If you require OTAR AND FIPS-certified encryption, you are not eligible for this release of software. Subscriber Encryption Module (SEM) code version 3.2 is awaiting NIST certification.

We can provide you 5100 Flash software version 2.2.2 if you do not require OTAR, or if you provide a waiver of the FIPS requirement.

If you would like a copy of this software, please contact Sue Baldini at 800-328-3911, extension 6970.

For Technical Questions regarding this Field Software Notice, please contact EFJohnson Technical Support at 800-328-3911, ext. 2.