

## PERS-4200 Firmware & RA4200 Remote Access Upgrade Options



Linear's PERS-4200 Personal Emergency Reporting System Console operates using firmware stored in its memory. The Console uses one firmware application to for Console operation, and a second firmware application for the Console vocabulary.

The Console can be upgraded with new firmware releases when they become available. **Upgrading the firmware is optional**, but is usually recommended to keep the Console current.

The RA4200 Remote Access Application also has newer versions that are released periodically to support new features or newer releases of the Console firmware.

### Latest Firmware Versions

The latest firmware versions at the time of this bulletin are:

- PERS-4200 Console Firmware  
**Version 2.4.2**
- PERS-4200 Console English/Spanish Vocabulary Firmware  
**Version 2.4.2**
- PERS-4200 Console French/English Vocabulary Firmware  
**Version 2.4.2**
- RA4200 Remote Access Application  
**Version 3.6.3.0**

**Earlier versions of the RA4200 Application will need to be upgraded to Version 3.6.3.0 to be compatible with Console firmware Version 2.4.2**

**The latest version of the RA4200 Application is backwards compatible and will function with all versions of the PERS-4200 firmware.**

### Resource Locations

New firmware for both the Console and the Remote Access Application are posted on the Linear Web site at:

<http://www.linearcorp.com/downloads.php>

The PERS-4200 Installation and Operation Instructions are posted on the Linear Web site at:

<http://www.linearcorp.com/pdf/manuals/PERS-4200-Install.pdf>

### Firmware Release Notes

The prior release for standard PERS-4200 Consoles was Version 2.4.0. This version and other previously released versions are fully functional, but will not support the features of newer releases.

### Version 2.4.2 Upgrade

- This upgrade is compatible with 100% of the standard PERS-4200 Consoles manufactured to date.
- New products purchased from Linear after 5/30/2014 will be factory configured with Version 2.4.2
- There is no requirement to upgrade units in the field with Version 2.4.2 firmware, although new features and functions will not be available.
- **When upgrading a Console, BOTH the Console Firmware and the Console Vocabulary Firmware files need to be installed.** See the Programming Instructions sections "Toolbox" and "Panel Firmware Upgrade".
- When upgrading PERS firmware with the RA4200 application DfuSe utility, select the correct "target" memory for the firmware type.
  - Console Firmware target is "Internal Flash".
  - Console Vocabulary Firmware target is "SPI Flash".

### New Version 2.4.2 Features

- The new Console Firmware supports both the UMTS-3G/V Cellular Module and RSM-BASE Remote Speaker Module.
- The spoken voice prompts have been digitally re-mastered using a new female voice actor.
- The new standard Console Vocabulary Firmware supports English as the primary language and Spanish as the alternate language.
- The new optional Console Vocabulary Firmware supports French as the primary language and English as the alternate language.
- Voice prompts for cellular signal strength have been changed from announcing a dB level to announcing "Low" to "High" signal strength.