



# 12.1 Subscriber Software Release

Effective Release: November 2, 2012

**FSN-1112-VIKING-02**

This Field Software Notice serves to introduce EFJohnson's newest Viking™ radio software release 12.1 (version 8.4.3). This software release supersedes previous radio software version 8.2.12. This is a major software release that introduces new features and products.

	Version	Part Number
<b>Armada Client</b>	1.4.3	039-5783-202
<b>Armada Express</b>	1.4.3	039-5786-202
<b>Armada Key</b>	3.4.0	n/a
<b>Viking Tune</b>	1.4.2	039-5787-202
<b>PC Trace Version</b>	3.4.2	n/a
<b>Viking Option</b>	3.4.1	n/a
<b>SMA (Key Loader)</b>	1.4.1	n/a

## 12.1 New Features

### Armada Firmware Updates

- Armada now supports the ability to maintain approved software releases. Customers can deploy firmware updates from within Armada, without the need for additional software.

### Armada Radio Security

- Administrators need to restrict who changes codeplug on a radio and what changes are allowed. This is done through security policies, which are created in Armada and linked to radios. They may be authenticated by password or by Radio Security Device (RSD) - a USB dongle - through organization names.
- Examples of restrictions include download password and requiring an ESK for trunking systems.

### Armada Enhanced System Keys

- Enhanced System Keys (ESKs) are stored on USB dongles, called Radio Security Device (RSDs). This prevents users from duplicating system keys (without buying additional RSDs from EFJohnson), as they can do with soft-system keys. Additional trunking system restrictions are offered by ESKs, such as talkgroup and unit ID ranges.

### **Voice Announcement**

- The Voice Announcement feature allows custom audio files to be played through the radio speaker in response to specific radio events. This feature is needed by users who do not have physical access to the radio, such as firefighters. Audio confirmation can be used to navigate through zones, channels, and radio features without having to look at the knobs/buttons or the display.

### **Radio Boot Password**

- The Radio Boot Password feature requires a user password entry to allow radio boot. This feature is necessary for users who need security on their radios to ensure unauthorized users cannot operate the radio. This is also called the user password.

### **Over the Air Programming (OTAP)**

- OTAP allows administrators to perform several of Armada's functions wirelessly using a P25 Trunked or Conventional system. These functions include reading codeplugs, writing codeplugs, setting the radio's clock, and setting the radio's security policy.

### **Duplicate Template**

- Users may now easily duplicate a template if needed.

## **12.1 Feature Enhancements**

### **Armada - Combined GUI Changes**

- Some of the global parameters have been organized to fit new features, such as OTAP and Voice Announcement.

### **Armada - Removed "View -> System Keys" Dialog**

- In the first release of Armada, the user was able to view a list of system keys in a dialog from the "View" menu. This dialog is not needed. The user can view system keys by adding a trunking system.

### **Armada - Fleet Pane Status Icon Update**

- An Armada user needs to know the status of every radio in a concise manner. Fleet pane icons and tool tips allow for quick visual feedback of all radios' status on a per radio basis.

### **Armada Multi-Select Changes**

- The multi-select interface button labels have been updated for clarity.

### **Armada - Preferences Dialog Updates**

- The default button in the preferences dialog was confusing to some users because it was placed on the "General" tab but applied to all three tabs within the dialog. This button has been replaced by tab-specific buttons. This allows users to reset settings on a given tab to their default values.

### **Viking Tune-USB Driver Install**

- Some users may have only Armada or Viking Tune installed on a computer. In the 11.1 release, Viking Tune was dependent upon Armada for USB drivers to be installed. The 12.1 release addresses this problem by allowing users to install the USB drivers when installing Viking Tune.

### **VP600-Test Tune Mode Entry**

- Previously the user could enter test tune mode with a single button press. In order to make accidental entry less likely the user will now be required to press two buttons.

### **VP600 - Inhibit**

- If a radio becomes lost or stolen, a system administrator can inhibit the radio to render it inoperable.

**VP600 – RF Deck Temperature**

- The user can monitor the RF deck temperature.

**VP600 – Disable Unprogrammed Button Tone**

- The user can disable the unprogrammed button tone played when they press a button with no programmed function.

**Flip Top Display Function**

- The user can flip the orientation of the top display.

**VP600 – Added Higher Microphone Gain Levels**

- We added more microphone gain levels so that the user could set their microphone gain higher. We added +6dB, +12dB, and +18dB.

**VP600 – Added DRS Registration Icon**

- Icon indicates that the radio was registered with the Data Registration Server.

For questions regarding this Field Software Notice, please contact EFJohnson at 1.800.328.3911, option 3