

15.2 Viking Subscriber Software General Release

Effective Release: 12/17/15

FSN-0116-VIKING-01

This Field Software Notice serves to announce EFJohnson's Viking[®] radio software 15.2 general release. This software release supersedes previous radio software versions associated with Viking series radios.



Note: Release 15.1 and later releases do not support Windows XP or Vista. Microsoft discontinued Windows XP in April of 2014 creating security concerns as Microsoft is no longer creating and applying security patches. For further information on the Windows XP end of support see <http://www.microsoft.com/en-us/windows/enterprise/end-of-support.aspx>.

	Version	Part Number
Viking Firmware Image	8.14.9	023-5796-20012
Armada Client	1.14.9	023-0601-20016
OTAP Server/Software		Included with Armada Client install package
Data Registration Server/Software		Included with Armada Client install package
Elite Battery Management Server/Software		Included with Armada Client install package
Viking Tune	1.14.8	023-0603-206
SMA (Key Loader)	1.4.1	250-5000-0945

Application Kits

Application Kits include software and cables (if applicable).

- Armada**

	Product Application	Part Number
Armada Kit, Viking Portable Series	Viking Portables	250-0600-70016
Armada Kit, Viking Mobile Series	Viking Mobiles	250-0600-78815
Armada Kit, Viking Portable & Mobile	Viking Portables/Mobiles	250-0600-79916

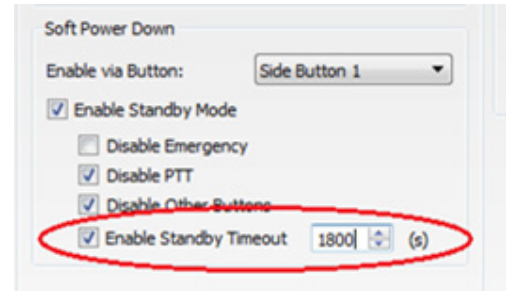
- Viking Tune** (only available to authorized service centers)

	Product	Part Number
Viking Tune, Radio Tune SW Kit	Viking Portables	250-0600-75005
Viking Tune, Mobile Kit	Viking Mobiles	250-0600-60013
Viking Tune, Portable & Mobile Kit	Viking Portables/Mobiles	250-0600-69913

15.2 General Release - Viking Radio Enhancements

Power Down Timer for Standby Mode

This feature will allow customers to have a portable radio automatically power down from standby mode after an idle time they can configure in Armada programming software. This time can be between 1 and 65535 seconds. The default is 1800 seconds.



Viking Portable Dual Band 700/800 MHz & T-Band

(VP900 portable only – Hardware available March 2016)

Armada will now allow transmit and receive frequencies in the 470-520 MHz span in addition to the 700/800 MHz frequencies. *Viking Portable hardware supporting the 700/800 and T-Band will begin shipping in March 2016.*

Viking Mobile Dual Band 700/800 MHz & VHF (VM900 mobile – Hardware available January 2016)

Armada will now allow transmit and receive frequencies in VHF in addition to the 700/800 MHz frequencies.

Viking Mobile hardware supporting the 700/800 and VHF will begin shipping in January 2016.

Viking Mobile VHF (VM600 mobile – Hardware available January 2016)

Armada now supports a single band Viking mobile which can transmit and receive in VHF.

Viking Mobile hardware supporting VHF will begin shipping in January 2016.

Channel Change Version of Viking Speaker Microphones (Hardware available April 2016)

Armada now supports a rotary knob on the speaker (aka shoulder or remote) microphone. The rotary knob on the speaker microphone can change either the channel or zone depending on programming.

Viking Channel Change Speaker Microphones will begin shipping in April 2016.



Mobile GPS

Viking Mobiles now support GPS via the 023-5357-860 GPS receiver/antenna. This module connects to the back of the mobile and acts as the receiver/antenna. When ordering the GPS option with Viking Mobiles, the 023-5357-860 GPS receiver/antenna is included. Installation instructions will be found in the Viking Mobile Installation manual.



Viking Model 1 Functionality

The additional following features can now be assigned to the side buttons of Model 1 radios and operate as specified below:

- **Mute** – Self-explanatory, button press to toggle on/off.
- **Function Recall** – Button press to enter/exit Function Recall Mode, same as Model 2 and Model 3 radios.
- **Change Keypad** – Button press to switch between Keypads 1 & 2, same as Model 2 and Model 3 radios.
- **Tone Vol Edit-Alert** – Button press to enter selection menu, button press to increment adjustment value, press and hold to set adjustment and exit. Adjustment value rolls over to minimum value once maximum value is exceeded.
- **Tone Vol Edit-Keypress** – Button press to enter selection mode, button press to increment adjustment value, press and hold to set adjustment and exit. Adjustment value rolls over to minimum value once maximum value is exceeded.
- **Display GPS** – Button press to toggle GPS display on/off. Only latitude and longitude can be displayed on Model 1 radio. Press and hold transmits location data.
- **Site Search** – Button press displays current site data. Press and hold enters selection mode, in which instance a button press cycles through available sites with a second press and hold operation setting the site and exiting the selection mode.

15.2 General Release - Viking Radio Resolved Issues

Mobile radios with Hangup Monitor would not let Scan and RWS turn back on after power cycle

Mobile radio could get into a state where Scan and RWS were not “on” after a power cycle. Scan and RWS states are now retained regardless of state of mic hook.

Armada Refresh

A manual refresh button has been added to the fleet pane, Armada View menu, and as an F5 shortcut to allow a manual refresh of displayed data. Refresh benefits users who may have filtered or sorted columns in the fleet pane. Due to the potential to have large fleets, automatic refresh is not implemented as it can frustrate a user who adds information which causes the entry to move out of the current view due to filter/sort settings.

Priority 1/Priority 2 scan override not working following Scan Edit

Viking radios could get into a state where the radio continues to receive on a priority 2 call when the radio should scan to Priority 1 call following a Scan Edit assignment for priority.

X10DR© support (3rd party accessory)

Radio firmware was modified to provide needed tone timing changes for X10DR operation

Fast Full-Spectrum Scan

Radio logic has been implemented which improves full Spectrum scan by checking only frequencies that exist in the channel ID table before checking all possible frequencies in the band.

15.2 General Release - Armada Resolved Issues

Updated P25 user Group ID list

Changed P25 user group ID list range from 16777211 to 16777215.

Remove Inter-System Data on Roaming Type Change

When the roaming type of a P25 system is changed away from Inter-System in Armada, all data with Inter-System system IDs or WACNs will be removed. This includes announcement groups, call lists, channel IDs, sites, system preferred sites, and talkgroups.

Manuals

The following documents support software release 15.2:

- 004-0604-202 OTAP Server Guide
- 004-0605-202 Data Registration Installation Guide
- 004-0606-200 Elite Battery Management Server Guide
- 002-0601-207 Armada Programming Manual
- 002-0600-045 Viking VP600/VP900 Portable Operating Manual
- 002-0600-035 Viking VM600 Mobile Operating Manual

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