

# Release Note

## FSII-BASE-II v1.6.15 RELEASE NOTE



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# 1 Introduction

## 1.1 Scope

This document describes the release of the FSII-BASE-II product family

## 1.2 v1.6.15

Reason for change from v1.6.6 to v1.6.15

- TP # 66769** Ported the original 49.7 days crash bug from IRIS panel (sustaining)
- TP # 134215** Fixed the OLED display crash that was occurring randomly (field issue)
- TP # 134554** Added verbose serial logs support for this product (improvement)
- TP # 136436** Added more log files to snapshot functionality (improvement)
- TP # 136976** Applied fix for the 49.7 days audio jitter buffer issue (field issue)
- TP # 144675** Fixed the USB upgrade process that was broken in 1.6.x (sustaining)
- TP # 146322** Fixed the storing problem with the listen again settings (field issue)
- TP # 154458** Completed GITHUB migration for this product (sustaining)

## 1.3 v1.6.6

Reason for change from v1.5.133 to v1.6.6

- TP # 88766** Support new EMMC chip
- TP # 93028** Reduced database corruption
- TP # 91529** Random crash fixed
- TP # 92251** Additional monitoring
- TP # 100267** Support new FPGA

## 1.4 v1.5.133

Reason for change from v1.5.123 to v1.5.133

- TP # 78836** Not booting correctly due to 'missing files' - Ampco NL issue
- TP # 78651** Improve crash logging
- TP # 80803** Unique Password Refinements

## 1.5 v1.5.123

Reason for change from v1.5.2 to v1.5.123

- TP # 65313** Charge indicator is incorrect when using NiMH batteries

## 1.6 v1.5.2

Reason for change from v1.5 to v1.5.2

- TP # 49812** Base rebooting on memory leaks on large systems (20+ Beltpacks)
- TP # 41856** Random noise after 49.7 days

**TP # 48590** 4w port in Group - stuck xpt  
**TP # 48627** FSII 2.4 antennas losing sync  
**TP # 49202** FSII-BASE-II v1.5 changing IP on front panel takes a while to display correctly.  
**TP # 49813** Added USB Logging  
**TP # 50854** Broken link to online Help  
**TP # 53715** Load testing functionality  
**TP # 54398** Support for Base Station OLED replacement  
**TP # 55128** Changes to Default Password for CCM access

## 1.7 v1.5

Reason for change from v1.2 to v1.5

**TP # 45662** Licensing from the Front Panel does not work  
**TP # 45861** Cloning roles doesn't seem to work after upgrade  
**TP # 27551** Configurable wireless system Id  
**TP # 21704** Sidetone tracking on FSII beltpacks  
**TP # 37240** Manual testing of GPIO controls  
**TP # 40405** Implementation of GPI operation/configuration  
**TP # 36996** Implementation of GPI operation/configuration  
**TP # 37009** Call on Talk operation (Control Events)  
**TP # 37603** Overview enhancements (Key states, volume levels, text msg, rmk)  
**TP # 37019** Display transceiver sync states in CCM  
**TP # 40419** Diagnostics and Event Logging  
**TP # 36690** Obsolete Flash support  
**TP # 36732** Remove System Connect from beelpack for basic menu access  
**TP # 37611** Fixed role assignment from the Roles page  
**TP # 37017** Persist local beltpack parameters as an option  
**TP # 37016** Add Mic Type as a role option from CCM  
**TP # 37021** Default to volume swap instead of listen again  
**TP # 37058** Assignments page enhancements  
**TP # 37022** Display total number of beltpacks on overview  
**TP # 40836** Packet loss concealment  
**TP # 40837** Context sensitive help in CCM  
**TP # 40405** Implementation of GPI operation/configuration  
**TP # 37020** PTT support for beltpack in CCM  
**TP # 37033** Package signing for FSII-BASE-II  
**TP # 40405** Implementation of GPI operation/configuration  
**TP # 37056** Persist expander states on CCM while navigating tabs  
**TP # 37667** Add the mute icon to the Front Panel when the listen key is muted  
**TP # 37601** Ability to log out of the CCM  
**TP # 37615** Call signal on Front Panel to mimic HelixNet  
**TP # 37007** Unassign C and D keys  
**TP # 37599** Moved Transceiver cable compensation in the CCM

**TP # 41609** Added Force Talk and Force Listen activation states

## **1.8 v1.2**

Reason for change from v1.1 to v1.2

**TP # 27551** Beltpack input/output gain not properly re-applied after beltpack power cycle

**TP # 25153** Audio level overridden when applying change to role

**TP # 25004** [MV] shown on keyset even if only one role is selected

**TP # 25003** Stuck cross-point when removing yourself from a group

**TP # 24083** Base Station USB - If I plug in an already registered beltpack it disconnects and may connect to a different system on power cycle

**TP # 22728** Unable to press/unpress talk/call when in front panel menu

## **1.9 v1.1**

Reason for change from v1.0 to v1.1

**TP # 24821** Beltpacks continued to receive audio from the 4W interface after deleting the role.

## **1.10 v1.0 – First Release**

### **FSII-BASE-II product Family**

#### **FSII-BASE-II**

FreeSpeak II Digital license-free wireless base station with XLR-4M headset connector. Supports up to 25 Beltpacks and 10 antennas. (Two antennas can connect to the base station directly or up to 10 antennas can be connected by using two x PD2203 splitters) The base station has connections for four 2-wire party-lines (CC or RTS) with auto nulling, and four 4-wires plus a dedicated SA output and dedicated program audio input, along with 4 relays.

#### **FSII-BASE-II-5**

FreeSpeak II Digital license-free wireless base station for 5 BPs with XLR-4M headset connector. Supports up to 5 Beltpacks and 10 antennas. (Two antennas can connect to the base station directly over CAT5 or up to 10 antennas can be connected by using two PD2203 splitters). The base station has connections for four 2-wire party-lines (CC or RTS) with auto nulling, and four 4-wires plus a dedicated SA output and dedicated program audio input, along with 4 relays. To upgrade to a full 25

beltpack capability requires the purchase and application of the FreeSpeak II® Digital wireless base station 25 BP License (FSII-BASE-II-25-LICENSE)

#### FSII-BASE-II-X5

FreeSpeak II Digital license-free wireless base station with XLR-5F headset connector. Supports up to 25 Beltpacks and 10 antennas. (Two antennas can connect to the base station directly or up to 10 antennas can be connected by using two x PD2203 splitters) The base station has connections for four 2-wire party-lines (CC or RTS) with auto nulling, and four 4-wires plus a dedicated SA output and dedicated program audio input, along with 4 relays.

#### FSII-BASE-II-5-X5

FreeSpeak II Digital license-free wireless base station for 5 BPs with XLR-5F headset connector. Supports up to 5 Beltpacks and 10 antennas. (Two antennas can connect to the base station directly over CAT5 or up to 10 antennas can be connected by using two PD2203 splitters). The base station has connections for four 2-wire party-lines (CC or RTS) with auto nulling, and four 4-wires plus a dedicated SA output and dedicated program audio input, along with 4 relays. To upgrade to a full 25 beltpack capability requires the purchase and application of the FreeSpeak II® Digital wireless base station 25 BP License (FSII-BASE-II-25-LICENSE)

## 2 Firmware Components

### 2.1 Firmware

Part No in previous releases (Historic)	Part No	Description	File Type	Production Rev	Dev Issue	Last updated in Release
	780G034	FSII-BASE-II Application Code	Ext3.gz	N	1.6.15	v1.6.15

### 2.2 Documentation

Part No in previous releases (Historic )	Part No	Description	Production Rev	Doc Issue	Last updated in Release
	399G168	FSII-BASE-II Quick Start Guide	D	D	v1.5.2
	399G169	FSII-BASE-II Instruction Manual	E	E	v1.5.2
	399G171	FSII-BASE-II Release Note	M	M	V1.6.15
	399G172	FSII-BASE-II Passcode Customer Letter Template	A	A	v1.0

### 3 Known Issues

This section details those issues that contradict the relevant manuals included in this release. These issues have not been resolved and are listed here to help you use the system more effectively.

<b>TP #</b>	<b>22179</b>	Front panel menu has 'disabled' for forced listen key type in latch area
<b>TP #</b>	<b>22200</b>	Brightness display settings under General settings of a role is different to that of the PP
<b>TP #</b>	<b>22415</b>	Reply Key text on PP disappears mid-call when making live updates
<b>TP #</b>	<b>22563</b>	No message on the front panel when updating from CCM
<b>TP #</b>	<b>22564</b>	Turning the beltpack rotary volume (A clockwise, B anticlockwise) at the same time will not update the volume
<b>TP #</b>	<b>22702</b>	Chinese characters do not display on Front Panel
<b>TP #</b>	<b>23148</b>	A Re-registered beltpack jumps to its old associated role
<b>TP #</b>	<b>23192</b>	You can't scroll up and down the Roles menu using up & down arrows or Page Up & Down
<b>TP #</b>	<b>23367</b>	When display brightness is set to "Very Low" (the lowest setting, currently) then "Display Dim Timeout" acts as "Display Off Timeout" instead, while "Display Off Timeout" doesn't do anything regardless of the time chosen
<b>TP #</b>	<b>23421</b>	Pops heard on the 4Ws and 2Ws when changing between Electric and Dynamic.
<b>TP #</b>	<b>23459</b>	Newly connected transceiver goes to the bottom of the list until you come out and re-enter the monitoring screen
<b>TP #</b>	<b>23631</b>	Setting a fixed role from the Front Panel, the beltpack hangs in the connecting state
<b>TP #</b>	<b>24136</b>	Power sense stays on when it should be off
<b>TP #</b>	<b>24363</b>	Cloning preconfigured role is broken as the cloned role has different key assignment
<b>TP #</b>	<b>24462</b>	PP Master Volume adjustment is not consistent on the Archangel PP
<b>TP #</b>	<b>24549</b>	Transceiver Resets/Frozen after Base Station Reset or in heavily loaded system
<b>TP #</b>	<b>24645</b>	While a beltpack was receiving a call signal from a channel, unassigned the channel from the beltpack key and the call key remain inverted till a beltpack reboot
<b>TP #</b>	<b>41620</b>	Updating the CALL text sent to a beltpack does not update if a call is already in progress
<b>TP #</b>	<b>44191</b>	When PPT is assigned to activate a group in Talk & Listen state, after a reboot you need to reconfigure for proper audio