



**Release
Note**

FSE-BASE
R4.1.0
CUSTOMER RELEASE NOTE
Rev T

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REFERENCE LINKS:

Knowledge Base:

<https://www.clearcom.com/Download-Center/Knowledge-Centers/FreeSpeak-Edge-Knowledge-Center>

IMPORANT: VERSION COMPATIBILITY NOTE

FreeSpeak Icon requires all 1.9GHz Transceivers to be upgraded to a minimum:

- FSII-TCVR: 3.6.28.0 or higher
- FSII-TCVR-IP: 7.13.67.0 or higher

Is your network AES67 Capable?

See our: Networking Guide Solution Finder



FSE-BASE R4.1.0 CUSTOMER RELEASE NOTE



Sign up to receive alert emails when
new software or firmware is available

<https://clearcom.me/softwarealerts>

FSE-BASE R4.1.0 CUSTOMER RELEASE NOTE

1 Introduction

1.1 Scope

This document describes the changes to the FSE-BASE firmware and documentation.

1.2 FSE-BASE Release 4.1.0 – Maintenance

FSE-BASE Release 4.1.0 is a minor maintenance release. Main enhancements are Special keys for tactile control of FreeSpeak Icon as well as Tally & Interlock configuration options for FreeSpeak.

The release includes software maintenance and is recommended for all users.

PART NUMBER	DESCRIPTION	VERSION	REV
SOF-00076	F/W, FS EDGE BASE REL APP	4.1.83.41	V
PUB-00017	GUIDE, FS EDGE BASE QSG	D	D
PUB-00113	INSTR, FS EDGE BASE USER GUIDE	H	H
PUB-00106	FSE-BASE CUSTOMER RELEASE NOTE	T	T

1.2.1 Features

N/A

1.2.2 Enhancements

- Keyset Configuration – In-Use Tally

FreeSpeak Beltpacks, V-Series Keypanels and Arcadia Front Panel now include configuration options for In-Use Tally to be selectively turned on or off per keyset. In-Use Tally cannot be disabled for Reply & Call keys.

- Keyset Configuration – Talk Group Interlock

FreeSpeak Beltpacks and V-Series Keypanels now include configuration options for Talk Group Interlock per keyset to ensure that only 1 Talk Interlock Group member is active at any given time.

- Keyset Assignments – FreeSpeak Icon & Edge Special Keys

FreeSpeak Icon & Edge keysets can now be assigned tactile control of beltpack behavior using key assignments using the special keys. These include Dark Mode, Loudspeaker and Flashlight toggle control.

- Licensed Ports – Increase

Maximum number of Licensed Ports has increased to 200.

1.2.3 Bug Fixes

The following issues have been resolved in this release:

- TP: 215527 Move Administration PIN under Security - General section
TP: 200443 CCM volume limits are incorrect when min volume is dragged past the max volume
TP: 172495 Cannot save from front panel USB when hostname has a space B

FSE-BASE R4.1.0 CUSTOMER RELEASE NOTE

1.2.4 Firmware versions of sub-systems – Reference Information only

While not a part of this release, this Arcadia release was tested with devices using the following firmware versions. Please use the below versions, or newer should they be available.

Below firmware versions, or newer, can be found in the Clear-Com's Download Center

Product	Part Number	Rev	Version
FSIC BP – 1.9GHz	SOF-00303	C	1.24.93.0 Upgraded using PC update utility
FSII BP – 1.9GHz	780G003	AF	5.25.32.0
FSII E1 TCVR – 1.9 GHz	780G004	J	3.6.28.0
FSII IPT TCVR – 1.9 GHz	780G065	V	7.15.67.0
FSII BP – 2.4 GHz	780G025	R	3.5.50.0
FSII E1 TCVR – 2.4 GHz	780G026	C	2.2.49.0
FSE BP – 5GHz	SOF-00004	E	5.4.79.0
FSE IP TCVR – 5GHz	780G071	H	4.29.77.0

FSE-BASE R4.1.0 CUSTOMER RELEASE NOTE

1.3 FSE-BASE Release 4.0.2 – Maintenance

FSE-BASE Release 4.0.2 is a minor maintenance release.

The release includes software maintenance and is recommended for all users.

PART NUMBER	DESCRIPTION	VERSION	REV
SOF-00076	F/W, FS EDGE BASE REL APP	4.0.83.15	U
PUB-00017	GUIDE, FS EDGE BASE QSG	D	D
PUB-00113	INSTR, FS EDGE BASE USER GUIDE	F	F
PUB-00106	FSE-BASE CUSTOMER RELEASE NOTE	R	R

1.3.1 Features

N/A

1.3.2 Enhancements

N/A

1.3.3 Bug Fixes

The following issues have been resolved in this release:

TP: 209786 Front Panel Display Memory Leak.

TP: 137926 Front Panel Call Signal only blinks one per Call Signal event. Previously a Known Issue.

TP: 204975 FSII-BP 4 Keypad Role Setting - Local Settings toggle display issue.

1.3.4 Firmware versions of sub-systems – Reference Information only

While not a part of this release, this FSE-BASE release was tested with devices using the following firmware versions. Please use the below versions, or newer should they be available.

Below firmware versions, or newer, can be found in the Clear-Com's Download Center

Product	Part Number	Rev	Version
FSIC BP – 1.9GHz	SOF-00303	C	1.24.93.0 Upgraded using PC update utility
FSII BP – 1.9GHz	780G003	AF	5.25.32.0
FSII E1 TCVR – 1.9 GHz	780G004	J	3.6.28.0
FSII IPT TCVR – 1.9 GHz	780G065	V	7.15.67.0
FSII BP – 2.4 GHz	780G025	R	3.2.50.0
FSII E1 TCVR – 2.4 GHz	780G026	C	2.2.49.0
FSE BP – 5GHz	SOF-00004	E	5.4.79.0
FSE IP TCVR – 5GHz	780G071	H	4.29.77.0

FSE-BASE R4.1.0 CUSTOMER RELEASE NOTE

1.4 FSE-BASE Release 4.0.1 – Maintenance

FSE-BASE Release 4.0.1 is a minor maintenance release.

The release includes software maintenance and is recommended for all users.

PART NUMBER	DESCRIPTION	VERSION	REV
SOF-00076	F/W, FS EDGE BASE REL APP	4.0.83.12	T
PUB-00017	GUIDE, FS EDGE BASE QSG	D	D
PUB-00113	INSTR, FS EDGE BASE USER GUIDE	F	F
PUB-00106	FSE-BASE CUSTOMER RELEASE NOTE	P	P

1.4.1 Features

N/A

1.4.2 Enhancements

N/A

1.4.3 Bug Fixes

The following issues have been resolved in this release:

TP: 204778 FreeSpeak E1 Transceiver momentary interruption.

TP: 196827 FSE-BASE intermittently powers up without front panel keysets.

TP: 204316 FSE-BASE Front Panel setting of Group Membership is not visible.

1.4.4 Firmware versions of sub-systems – Reference Information only

While not a part of this release, this FSE-BASE release was tested with devices using the following firmware versions. Please use the below versions, or newer should they be available.

Below firmware versions, or newer, can be found in the Clear-Com's Download Center

Product	Version
FSIC BP – 1.9GHz	1.24.93.0 Upgraded using PC update utility
FSII BP – 1.9GHz	UPDATED: 5.25.32.0
FSII E1 TCVR – 1.9 GHz	3.6.28.0
FSII IPT TCVR – 1.9 GHz	7.15.67.0
FSII BP – 2.4 GHz	3.2.50.0
FSII E1 TCVR – 2.4 GHz	2.2.49.0
FSE BP – 5GHz	5.4.79.0
FSE IP TCVR – 5GHz	4.29.77.0

FSE-BASE R4.1.0 CUSTOMER RELEASE NOTE

1.5 FSE-BASE Release 4.0.0 – Maintenance

FSE-BASE Release 4.0 is a minor maintenance release.

The release includes software maintenance and is recommended for all users.

PART NUMBER	DESCRIPTION	VERSION	REV
SOF-00076	F/W, FS EDGE BASE REL APP	4.0.83.11	R
PUB-00017	GUIDE, FS EDGE BASE QSG	D	D
PUB-00113	INSTR, FS EDGE BASE USER GUIDE	F	F
PUB-00106	FSE-BASE CUSTOMER RELEASE NOTE	N	N

1.5.1 Features

N/A

1.5.2 Enhancements

- **In-Use Tallies – Visual indication of a key being in-use on the system**

User Station Keypad Tallies are a colored light visually showing the user configured key activation, key state, and current activity so the user can quickly and confidently make informed decisions on what is available, where to answer, and if to hold off while a user or port is in-use.

In-Use Tallies have been added for all FreeSpeak Beltpacks.

Tallies on the talk keysets of intercom user stations visually show

- Configuration – showing dim color of the key configured activation when inactive
- State - showing bright color of the key configured activation when active
- Activity – showing blinking bright color of the key configured activation when:
 - **In-Use** – Slow blinking when Channel, Group, Interface ports have an active Talk path from somewhere in the system.
 - When a Group is active its members will additionally show as In-Use wherever they are assigned to a keyset in the system.
 - **Incoming Talk** – Fast blinking when user station (/Role) is receiving an incoming Direct/Group talk path from another user station (/Role).
Incoming Direct/Group talk will additionally appear in the Reply key or be added to its Reply stack if there are multiple direct talks active. This can also be initiated without an audio route by pressing Keypad call signal (press and hold on key level controls) on a keyset assigned to directly talk a specific Role.

Note: Audio input to interface ports, showing incoming audio presence, will not generate an in-use tally.

- **CCM Role Filters**

Facilitating improvements in navigating roles, a new Role Filter has been implemented in the CCM Configuration Role screen to assist users in finding roles by type or label.

As an example, the feature allows filtering by User Station role types, such as “All FreeSpeak 4 Key Beltpacks” or “All Wireless” while it is possible to type partial or full name of a Role label such as “Stage” which then displays all Roles with at label that includes “Stage”.

The Role Filter is accumulative with an “AND” logic and allows the user to display only the Roles needed for selection which can then be selected (or Select All filtered) for configuration.

FSE-BASE R4.1.0 CUSTOMER RELEASE NOTE

- **CCM Role Settings**

Accommodating a variety of computer screen sizes and focusing on selecting Roles and editing their keysets the Role's detailed Setting (containing levels etc.) have been made collapsible and are now toggled in and out of visibility.

1.5.3 Bug Fixes

General software maintenance.

1.5.4 Firmware versions of sub-systems – Reference Information only

While not a part of this release, this FSE-BASE release was tested with devices using the following firmware versions. Please use the below versions, or newer should they be available.

Below firmware versions, or newer, can be found in the Clear-Com's Download Center

Product	Version
FSIC BP – 1.9GHz	UPDATED: 1.24.93.0 Upgraded using PC update utility
FSII BP – 1.9GHz	UPDATED: 5.24.32.0
FSII E1 TCVR – 1.9 GHz	3.6.28.0
FSII IPT TCVR – 1.9 GHz	UPDATED: 7.15.67.0
FSII BP – 2.4 GHz	3.2.50.0
FSII E1 TCVR – 2.4 GHz	2.2.49.0
FSE BP – 5GHz	5.4.79.0
FSE IP TCVR – 5GHz	4.29.77.0

FSE-BASE R4.1.0 CUSTOMER RELEASE NOTE

1.6 FSE-BASE Release 3.1.0 – FreeSpeak Icon, Maintenance

FSE-BASE Release 3.1 is a minor feature release adding support for FreeSpeak Icon beltpacks.

The release includes software maintenance and is recommended for all users.

PART NUMBER	DESCRIPTION	VERSION	REV
SOF-00076	F/W, FS EDGE BASE REL APP	3.1.83.35	P
PUB-00017	GUIDE, FS EDGE BASE QSG	D	D
PUB-00113	INSTR, FS EDGE BASE USER GUIDE	E	E
PUB-00106	FSE-BASE CUSTOMER RELEASE NOTE	M	M

1.6.1 Features

- **168956 FreeSpeak Icon Beltpack**

Support for the FreeSpeak Icon is added, using a common role type which is shared with FreeSpeak Edge.

1.6.2 Enhancements

N/A

1.6.3 Bug Fixes

N/A

1.6.4 Firmware versions of sub-systems – Reference Information only

While not a part of this release, this FSE-BASE release was tested with devices using the following firmware versions. Please use the below versions, or newer should they be available.

Below firmware versions, or newer, can be found in the Clear-Com's Download Center

Product	Version
FSIC-BP – 1.9GHz	1.18.93.0
FSII BP – 1.9GHz	UPDATED: 5.19.32.0
FSII E1 TCVR – 1.9 GHz	UPDATED: 3.6.28.0
FSII IPT TCVR – 1.9 GHz	UPDATED: 7.14.67.0
FSII BP – 2.4 GHz	3.2.50.0
FSII E1 TCVR – 2.4 GHz	2.2.49.0
FSE BP – 5GHz	6.1.79.0
FSE IP TCVR – 5GHz	5.2.77.0

FSE-BASE R4.1.0 CUSTOMER RELEASE NOTE

1.7 FSE-BASE Release 3.0.0 – Maintenance

FSE-BASE Release 3.0.0 is a minor sustaining release that includes software maintenance recommended for all users.

PART NUMBER	DESCRIPTION	VERSION	REV
SOF-00076	F/W, FS EDGE BASE REL APP	3.0.83.1	N
PUB-00017	GUIDE, FS EDGE BASE QSG	D	D
PUB-00113	INSTR, FS EDGE BASE USER GUIDE	D	D
PUB-00106	FSE-BASE CUSTOMER RELEASE NOTE	K	K

1.7.1 Features

None

1.7.2 Enhancements

- **FreeSpeakII E1 RJ45/SFP**
Ports can now be separately configured as RJ45 or SFP. Default is RJ45.
- **FreeSpeakII E1 1.9GHz Audio RF Filter**
Enables algorithm to compensate for corrupt wireless data transmission. Default is Enabled.
- **FreeSpeak Edge Auto Select**
Previously introduced FreeSpeak Edge 5GHz transceiver scanner utility now includes the ability to have the system select the best available channels according to the last scan performed.
- **AES67 Network Settings: PTP Follower Mode**
Allows the station to be optionally permanently configured to be PTP Follower instead of using BMCA algorithm in networks that include a dedicated PTP Leaders. Default is Disabled.
- **Interface Port Channel Assign preference**
Hardware Interface port settings now include Channel Assign preference of Talk&Listen (default), Talk-Only or Listen-Only assignments of the interface port into Channel. Channel assignments will be made as the Channel Assign preference is set at the time of the assignment.
- **Logic Input Options**
Logic Inputs can now be configured to activate unidirectional audio routes and Call signal.
- **CCM Interlinks**
CCM browser interface has been augmented with additional cog icons to bring the user to roles, status and hardware settings.
- **Ping Test**
CCM Status screen “Host Device” now includes the ability to ping from the station.
- **PCAP Capture**
CCM Status screen “Host Device” now includes the ability to capture and download network package traffic.

1.7.3 Bug Fixes

- **System Start-Up**
When the system is being started along with all network switches, transceivers, and user stations devices may not fully connect depending on network performance and boot times. This has been fixed.
- **CCM display issues on smaller screens**
The CCM is designed for use with 12-13” displays and a mouse. When used on smaller displays, tablets and phones operational and scaling issues are still expected.

FSE-BASE R4.1.0 CUSTOMER RELEASE NOTE

1.7.4 Firmware versions of sub-systems – Reference Information only

While not a part of this release, this FSE-BASE release was tested with devices using the following firmware versions. Please use the below versions, or newer should they be available.

Below firmware versions, or newer, can be found in the Clear-Com's Download Center

Product	Version
FSII BP – 1.9GHz	5.4.32.0
FSII E1 TCVR – 1.9 GHz	2.7.28.0
FSII IPT – 1.9 GHz	7.1.67.0
FSII BP – 2.4 GHz	3.2.50.0
FSII E1 TCVR – 2.4 GHz	2.2.49.0
FSE BP	6.1.79.0
FSE IPT	5.2.77.0

FSE-BASE R4.1.0 CUSTOMER RELEASE NOTE

1.8 FSE-BASE Release 2.3.2 – Maintenance

FSE-BASE Release 2.3.2 is a minor sustaining release that includes software maintenance recommended for all users.

PART NUMBER	DESCRIPTION	VERSION	REV
SOF-00076	F/W, FS EDGE BASE REL APP	2.10.83.4	M
PUB-00017	GUIDE, FS EDGE BASE QSG	D	D
PUB-00113	INSTR, FS EDGE BASE USER GUIDE	D	D
PUB-00106	FSE-BASE CUSTOMER RELEASE NOTE	J	J

1.8.1 Features

None

1.8.2 Enhancements

None

1.8.3 Bug Fixes

TP: 150437 Support for alternative hardware components for Arcadia & FSE-BASE - NRF

Note: This is a sustaining release. No functional or feature changes.

Note: Units with new alternative hardware components cannot be downgraded to previous version.

1.8.4 Firmware versions of sub-systems – Reference Information only

While not a part of this release, this FSE-BASE release was tested with devices using the following firmware versions. Please use the below versions, or newer should they be available.

Below firmware versions, or newer, can be found in the Clear-Com's Download Center

Product	Version
FSII BP – 1.9GHz	3.7.32.0
FSII E1 TCVR – 1.9 GHz	2.7.28.0
FSII IPT – 1.9 GHz	6.8.67.0
FSII BP – 2.4 GHz	2.33.50.0
FSII E1 TCVR – 2.4 GHz	2.2.49.0
FSE BP	5.4.79.0
FSE IPT	4.29.77.0

FSE-BASE R4.1.0 CUSTOMER RELEASE NOTE

1.9 FSE-BASE Release 2.3.1 – Maintenance

FSE-BASE Release 2.3.1 is a minor sustaining release that includes software maintenance recommended for all users.

PART NUMBER	DESCRIPTION	VERSION	REV
SOF-00076	F/W, FS EDGE BASE REL APP	2.10.83.2	L
PUB-00017	GUIDE, FS EDGE BASE QSG	D	D
PUB-00113	INSTR, FS EDGE BASE USER GUIDE	D	D
PUB-00106	FSE-BASE CUSTOMER RELEASE NOTE	H	H

1.9.1 Features

None

1.9.2 Enhancements

None

1.9.3 Bug Fixes

TP: 144546 FreeSpeakII E1 Ports can miss initial synchronizing on large systems during station power-up

TP: 144454 CCM Hardware PSU icons do not work when both power sources are connected

1.9.4 Firmware versions of sub-systems – Reference Information only

While not a part of this release, this FSE-BASE release was tested with devices using the following firmware versions. Please use the below versions, or newer should they be available.

Below firmware versions, or newer, can be found in the Clear-Com's Download Center

Product	Version
FSII BP – 1.9GHz	3.7.32.0
FSII E1 TCVR – 1.9 GHz	2.7.28.0
FSII IPT – 1.9 GHz	6.8.67.0
FSII BP – 2.4 GHz	2.33.50.0
FSII E1 TCVR – 2.4 GHz	2.2.49.0
FSE BP	5.4.79.0
FSE IPT	4.29.77.0

FSE-BASE R4.1.0 CUSTOMER RELEASE NOTE

1.10 FSE-BASE Release 2.3 – Maintenance

FSE-BASE Release 2.3 is a major sustaining release that includes software maintenance recommended for all users.

PART NUMBER	DESCRIPTION	VERSION	REV
SOF-00076	F/W, FS EDGE BASE REL APP	2.10.83.0	K
PUB-00017	GUIDE, FS EDGE BASE QSG	D	D
PUB-00113	INSTR, FS EDGE BASE USER GUIDE	D	D
PUB-00106	FSE-BASE CUSTOMER RELEASE NOTE	F	F

1.10.1 Features

None

1.10.2 Enhancements

- TP:130634 CCM Performance Improvements
Underlying software architecture has been optimized for capacity and speed.
- TP: various CCM UI Contrast Improvements

1.10.3 Bug Fixes

- TP: 78853 FreeSpeak Edge beltpacks Dark Mode role settings are not retained after reboot.
- TP: 97417 FreeSpeak Dual Talk Listen cannot trigger GPO.
- TP: 134718 FreeSpeak Dual Talk Listen latch states are not remembered through system re-connections.
- TP: 100430 FreeSpeak role is not selectable after the beltpack that last used the role goes offline.
- TP: 142146 FreeSpeak role that is deleted while it beltpack it is online and then role is recreated causing error.
- TP: 141432 FreeSpeak Edge TCVR re-connection loop in certain environments (TP: 139805)
- TP: 129543 FreeSpeak TCVR RPN numbers to reference Beltpack site survey list are not in CCM.
- TP: 131943 CCM Status Transceivers not sorted. Now IP-TCVRs are alphabetically sorted, followed by E1-TCVRs.
- TP: 99312 Station Front Panel Program Audio Level control is incorrectly resolved.
- TP: 100993 CCM Channel Station Front Panel Channel Listen indicator can get lost (TP: 98580)
- TP: 99252 CCM Groups do not show ports assigned to the Group.
- TP: 99460 Group assignments are not propagated through the CCM when roles are changed.
- TP: 99575 CCM Role keyset assignment for multiselect roles does not always work.
- TP: 101445 CCM certain selections and sorting not remembered during CCM navigation (TP: 99274, 101445)
- TP: 97793 CCM Subnet Conflict warning without any issue.
- TP: 130463 CCM Role Name Edit button is not always displayed in some browsers.

FSE-BASE R4.1.0 CUSTOMER RELEASE NOTE

1.10.4 Firmware versions of sub-systems – Reference Information only

While not a part of this release, this FSE-BASE release was tested with devices using the following firmware versions. Please use the below versions, or newer should they be available.

Below firmware versions, or newer, can be found in the Clear-Com's Download Center

Product	Version
FSII BP – 1.9GHz	3.7.32.0
FSII E1 TCVR – 1.9 GHz	2.7.28.0
FSII IPT – 1.9 GHz	6.8.67.0
FSII BP – 2.4 GHz	2.33.50.0
FSII E1 TCVR – 2.4 GHz	2.2.49.0
FSE BP	5.4.79.0
FSE IPT	4.29.77.0

FSE-BASE R4.1.0 CUSTOMER RELEASE NOTE

1.11 FSE-BASE Release 2.2 – Maintenance

FSE-BASE Release 2.2 is a sustaining release.

PART NUMBER	DESCRIPTION	VERSION	REV
SOF-00076	F/W, FS EDGE BASE REL APP	2.8.83.12	J
PUB-00017	GUIDE, FS EDGE BASE QSG	C	C
PUB-00113	INSTR, FS EDGE BASE USER GUIDE	C	C
PUB-00106	FSE-BASE CUSTOMER RELEASE NOTE	E	E

1.11.1 Features added in this release.

None.

1.11.2 New operation/Bug Fixes added in this release.

TP:132751	CCM Context Manual Updated to include information about downgrade blocking
TP:133391	Recovery mechanism is fixed
TP:133923	Front panel process causing critical error is fixed
TP:131824	FSII-BP-X7 PTT/GPI assignment is fixed
TP:134709	Front panel rotary operation during boot up is fixed
TP:124740	Front panel 2 wire nulling process causing critical error is fixed (TP:127724 / TP:137416)

1.11.3 Firmware versions of sub-systems – Reference Information only

While not a part of this release, this FSE-BASE release was tested with devices using the following firmware versions. Please use the below versions, or newer should they be available.

Below firmware versions, or newer, can be found in the Clear-Com's Download Center

Product	Version
FSII BP – 1.9GHz	2.43.32.0
FSII E1 TCVR – 1.9 GHz	2.7.28.0
FSII IPT – 1.9 GHz	5.35.67.0
FSII BP – 2.4 GHz	2.33.50.0
FSII E1 TCVR – 2.4 GHz	2.2.49.0
FSE BP	4.5.79.0
FSE IPT	3.30.77.0

FSE-BASE R4.1.0 CUSTOMER RELEASE NOTE

1.12 FSE-BASE Release 2.1 – Support for alternative hardware components

FSE-BASE Release 2.1 is a sustaining release adding support for hardware alternative hardware components.

PART NUMBER	DESCRIPTION	VERSION	REV
SOF-00076	F/W, FS EDGE BASE REL APP	2.8.83.5	F
PUB-00017	GUIDE, FS EDGE BASE QSG	C	C
PUB-00113	INSTR, FS EDGE BASE USER GUIDE	C	C
PUB-00106	FSE-BASE CUSTOMER RELEASE NOTE	D	D

1.12.1 Features added in this release.

None.

1.12.2 New operation/Bug Fixes added in this release.

TP:130070 Support for alternative hardware components for Arcadia & FSE-BASE - Mixer FPGA

Note: This is a sustaining release. No functional or feature changes.

Note: Units with new alternative hardware components cannot be downgraded to previous version.

1.12.3 Firmware versions of sub-systems – Reference Information only

While not a part of this release, this FSE-BASE release was tested with devices using the following firmware versions. Please use the below versions, or newer should they be available.

Below firmware versions, or newer, can be found in the Clear-Com’s Download Center

Product	Version
FSII BP – 1.9GHz	2.43.32.0
FSII E1 TCVR – 1.9 GHz	2.7.28.0
FSII IPT – 1.9 GHz	5.35.67.0
FSII BP – 2.4 GHz	2.33.50.0
FSII E1 TCVR – 2.4 GHz	2.2.49.0
FSE BP	4.5.79.0
FSE IPT	3.30.77.0

FSE-BASE R4.1.0 CUSTOMER RELEASE NOTE

1.13 FSE-BASE Release 2.0

FSE-BASE 2.0 is a feature release containing bug fixes.

PART NUMBER	DESCRIPTION	VERSION	REV
SOF-00076	F/W, FS EDGE BASE REL APP	2.5.83.00	E
PUB-00017	GUIDE, FS EDGE BASE QSG	C	C
PUB-00113	INSTR, FS EDGE BASE USER GUIDE	C	C
PUB-00106	FSE-BASE CUSTOMER RELEASE NOTE	C	C

1.13.1 Features added in this release.

TP:71282 FS Edge Transceiver Channel Scanning
TP:90066 Firmware Report

1.13.2 New operation/Bug Fixes added in this release.

TP:68418 Management and AES67 in link-local on two different LAN connections is fixed
TP:72856 USB Interface failure on beltback registration is fixed
TP:61290 Navigating from the 'Hardware' tab during an upgrade and back does not lose the upgrade progress.
TP:90058 IPT with similar mDNS names have difficulty connecting is fixed
TP:93168 FreeSpeakII E1 Port Disconnect is fixed
TP:97616 Edge TCVR inability to connect to unit with a mismatched region setting is fixed
Various minor CCM changes and terminology updates

1.13.3 Firmware versions of sub-systems – Reference Information only

While not a part of this release, this FSE-BASE release was tested with devices using the following firmware versions. Please use the below versions, or newer should they be available.

Below firmware versions, or newer, can be found in the Clear-Com's Download Center

Product	Version
FSII BP – 1.9GHz	2.43.32.0
FSII E1 TCVR – 1.9 GHz	2.7.28.0
FSII IPT – 1.9 GHz	5.35.67.0
FSII BP – 2.4 GHz	2.33.50.0
FSII E1 TCVR – 2.4 GHz	2.2.49.0
FSE BP	4.5.79.0
FSE IPT	3.30.77.0

FSE-BASE R4.1.0 CUSTOMER RELEASE NOTE

1.14 FSE-BASE Release 1.1 – Additional Wireless Capabilities

FSE-BASE Release 1.1 is a minor release adding regional support.

PART NUMBER	DESCRIPTION	VERSION	REV
SOF-00076	F/W, FS EDGE BASE REL APP	1.79.83.00	D
PUB-00017	GUIDE, FS EDGE BASE QSG	B	B
PUB-00113	INSTR, FS EDGE BASE USER GUIDE	B	B
PUB-00106	FSE-BASE CUSTOMER RELEASE NOTE	B	B

1.14.1 Features added in this release.

TP:80119 New FSE Regions are now supported: Australia, China, Hong Kong, New Zealand, Philippines, and Singapore

TP:86735 Updated EasyDNS certificate (used for HTTPS authentication) has been integrated, this is valid until 10th October 2022.

1.14.2 New operation/Bug Fixes added in this release.

TP:82327 Diagnostics added to resolve corruption of Linux's IP configuration files.

TP:85785 Fix of possible database corruption on unit power down.

1.14.3 Firmware versions of sub-systems – Reference Information only

While not a part of this release, this FSE-BASE release was tested with devices using the following firmware versions. Please use the below versions, or newer should they be available.

Below firmware versions, or newer, can be found in the Clear-Com's Download Center

Product	Version
FSII BP – 1.9GHz	2.43.32.0
FSII E1 TCVR – 1.9 GHz	2.7.28.0
FSII IPT – 1.9 GHz	4.13.67.0
FSII BP – 2.4 GHz	2.33.50.0
FSII E1 TCVR – 2.4 GHz	2.2.49.0
FSE BP	4.5.79.0
FSE IPT	3.30.77.0

FSE-BASE R4.1.0 CUSTOMER RELEASE NOTE

1.15 FSE-BASE Release 1.0 – Initial Release

FSE-BASE Release 1.0 is the first release of the FreeSpeak Edge Basestation supporting FreeSpeak E1 and IP Receivers of all frequency bands along with high density Dante interfacing using Licensed Capacity.

PART NUMBER	DESCRIPTION	VERSION	REV
SOF-00076	F/W, FS EDGE BASE REL APP	1.62.83.00	C
PUB-00017	GUIDE, FS EDGE BASE QSG	B	B
PUB-00113	INSTR, FS EDGE BASE USER GUIDE	A	A
PUB-00106	FSE-BASE CUSTOMER RELEASE NOTE	A	A

1.15.1 Features added in this release.

First Release

1.15.2 New operation/Bug Fixes added in this release.

First Release

2 Known Issues

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

ID	Description
	Station & CCM
96248 97129 130797 57874	<p>Link Local IP / DHCP Best Practices</p> <ul style="list-style-type: none"> • Clear-Com recommends assigning the FSE-Base network ports a static IP address and use a DHCP for FreeSpeak IP Transceivers connecting to the FSE-Base. • Clear-Com <u>advises against</u> keeping FSE-Base network ports configured for DHCP without a DHCP server on the network which will cause the port to default to automatic Link Local IP addresses (169.254....) <p>Note: FSE-Base Management network port does not request a new DHCP address after changing networks. Example: When in DHCP mode, the management port will not detect if (the cable is) moved to another network with another DHCP server i.e., a new IP address will not be requested from the DHCP server. Toggle the network settings between static and dynamic to refresh the DHCP lease.</p>
101063 75620 172495	<p>Configuration Save and Restore</p> <ul style="list-style-type: none"> • CCM password is stored in the configuration file and therefore restored with the Restore operation. • Attempting to restore an invalid configuration (e.g., from a different product) from the Front Panel does not display an error. Recall will not take place. • When hostname has a space, you cannot save from front panel USB. <p>Note: Configurations are forward compatible from the previous major version. Once upgraded they cannot be loaded on an older firmware version.</p>
81584 141555	<p>System availability during Firmware Upgrades and Support Info operations</p> <p>Firmware upgrades and Support Info operations are highly intrusive to system operation and should not be performed while the system is in use.</p> <p>Workaround: Perform Firmware updates & Support Info collection while system is out of operation</p>
164410 101450 164293	<p>Crosspoint display limitations.</p> <p>GPI controlled active crosspoints are not displayed in the CCM Channel screen.</p> <p>Workaround: None. Information only.</p>
	FreeSpeak
-	<p>FreeSpeak IP Transceivers do not connect to the station</p> <p>AES67 capable network are a prerequisite for FreeSpeak IP Transceivers – Please read</p>
141969	<p>FreeSpeak 1.9GHz Beltpacks will not roam between IP and E1 Transceivers</p> <p>IP and E1 connected FreeSpeak transceivers are not supported for concurrent operation in the same RF zone and care must be taken if operating on the same system.</p> <p>This is due to different audio codecs and timing between the IP and E1 Transceivers.</p> <p>Workaround: None. Operates as designed. Information only.</p>