



grass valley

A **BELDEN** BRAND

# **K-FRAME**

VIDEO PRODUCTION CENTER

## **Release Notes Addendum**

VERSION 12.0.3

13-00005-000-AE

2018-05-03

[www.grassvalley.com](http://www.grassvalley.com)

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# K-Frame Release Notes Addendum, V12.0.3

## About this Manual

This document includes the “Resolved” and “Known” issues for K-Frame software version 12.0.3. See the K-Frame Release Notes, version 12.0 for Grass Valley Video Production Center software upgrade instructions.

## For More Information

For information about installing, configuring, and operating K-Frame systems, see the K-Frame Video Production Center Documentation Libraries found on the Grass Valley website and on the USB thumb drive provided with your system.

## Software Issues Resolved in Release 12.0.3

### Resolved Issues Version 12.0.2

Area	Issues	ID	Case ID
GV K-Frame X: IP I/O	After a Frame reboot, interoperation with some Cisco 9200 series IP switches might experience an issue that results in video flicker (only evident with 2110-50 (2022-6)).	KFCK-23034	
K-Frame	Compact K-Frame switchers built using the S-series Chassis and running earlier versions of V12.0.x may not boot correctly.	KFCK-23033	
K-Frame Standard/ Compact/ S-series	In earlier versions of the v12.0.x software on the Standard, Compact, or S-series K-Frame, a board that is hot swapped may not initialize properly.	KFCK-23029	

## Software Issues Resolved in Release 12.0.2

### Resolved Issues Version 12.0.2

Area	Issues	ID	Case ID
Image Store	In V12.0.0, the Movies and Stills are not valid on the Image Store if the Movie license is not enabled.	KFCK-21852	00626128
K-Frame	If an ME card fails it might cause the switcher to lock up.	KFCK-22837	

**(continued) Resolved Issues Version 12.0.2**

Area	Issues	ID	Case ID
K-Frame X: IP Configuration Spreadsheet	Two column headings are switched on the IP Configuration Spreadsheet.	KFCK-22838	
K-Frame X: SDI Output	On Power up, an SDI Output might not have video.	KFCK-22840	
Safe Titles	Safe Titles are not working on each K-Frame output card for some ports in V12.0.0 and V12.0.1.	KFCK-22835	
Source Patch	The Source Patch menu is displaying the modified Engineering Source Name.	KFCK-22836	

## Software Issues Resolved in Release 12.0.1

### 12.0.1 Resolved Issues

Area	Issues	ID	Case ID
System Timing	System Output Timing vertical adjustment of 720p in the negative is offset by 325 lines.	KFCK-22820	
K-Frame X: IP Output Timing	IP 2110-20: Incorrect placement of blanking of the IP outputs when in 720P affects the top of the frame and the output timing. This error can cause the IP video signal to be blanked or rejected.	KFCK-22821	

## Software Issues Resolved in Release 12.0.0

### 12.0.0 Resolved Issues

Area	Issues	ID	Case ID
Menu	Menu slows down over time.	KFCK-21659	
4K Mode	ME Mode Program Key outputs are not controllable from Partition E-MEM.	KFCK-21646	
4K Mode: Source Rules	When using Source Rules to set up a Keyer transition, keyers cut instead of mix.	KFCK-21647	
Aux Bus	If an Aux Bus Mode is changed while a source is held down the bus remains in Crosspoint Override.	KFCK-21644	
Aux Bus	If an Aux Bus delegation is changed while a source is held down, the bus remains in Crosspoint Override.	KFCK-21652	00471119, 00502771
Aux Bus Color Correction	Color Correction on the Aux bus is not working correctly in the V11.1.0 software.	KFCK-21682	00612639

**(continued) 12.0.0 Resolved Issues**

Area	Issues	ID	Case ID
Camera Control	If the server Ethernet connection is broken, then reconnected, there's no communication.	KFCK-21657	00498147
Clipstore	When a directory contains more than 300/IDs and a still is grabbed, the Control Panel and Menu response for that suite can become temporarily sluggish.	KFCK-21651	00575439
Control Panel Source Button Color	User Setups >Panel Prefs >Source Colors RGB knobs do not work correctly.	KFCK-21658	00486739
Ethernet Tally	A misbehaving third party eTally System that is constantly disconnecting and reconnecting can cause part of the frame to lock up and log an error report.	KFCK-21653	00595026
Ethernet Tally	One tally client disconnection causes lapse of updates in another.	KFCK-21683	00489614
Frame	On one occasion, the frame locked up. It is an issue with a process stopping in very unusual circumstances.	KFCK-21661	00594841
GV K-Frame X	If communications with the Ross Xpression system is lost, performing a device disable & Re-enable doesn't reestablish communications.	KFCK-21701	
GV Korona Control Panel	When the joystick is far out of calibration it can fill an internal queue in a day or two and cause the GV Korona Control Panel app to stop running.	KFCK-21655	00547936, 00549580
Karrera Control Panel	When a cold Control Panel is powered up the fans come on full before the panel controller boots up. Then the fans shut off completely and the logs start showing fan faults. These errors are not reported to the menu, they can only be seen in the logs. Once the Control Panel warms up and the controller tells the fans to run again, the errors stop.	KFCK-21656	00477987
Karrera Control Panel	(3 ME) After recalling a P-MEM created on a 2ME Karrera Panel, the 3ME Karrera Panel does not allow for enable/disable of other stripes as part of a P-MEM learn.	KFCK-21645	
Karrera Control Panel	Control Panel overtemp condition might not be shown in the menu. (It is logged.)	KFCK-21654	00605429
Kayenne Control Panel	Lever arm transition mix paused during menu shutdown of the associated menu.	KFCK-21699	

**(continued) 12.0.0 Resolved Issues**

Area	Issues	ID	Case ID
Kayenne Control Panel	The Multi Function Module does not update when the stripe is delegated to another ME.	KFCK-21643	00590411
Kayenne/ Karrera Panels	Performing a DOT/ENTER on the Kayenne and Karrera panels enters zero for a value instead of the respective default value.	KFCK-21698	
KSP & Macros	KSP Keyer On/Off should record macros as On/Off not as a Toggle.	KFCK-21697	
Machine Control	Ganging state is not always displayed correctly in the menu.	KFCK-21660	00600030
Menu: Source Ops, Aux Bus	When certain orders of operations are followed, the source number cannot be changed using the numeric keypad.	KFCK-21684	00612311

## Software Issues Resolved in Release 11.1.0

**11.1.0 Resolved Issues**

Area	Issues	ID	Case ID
Media Port	Media Port outputs do not support Color Correction or Safe Title.	KFCK-20411	
Panel Prefs	Panel Prefs, Button Mapping menu, Button Count doesn't always track the associated Control Panel button count correctly.	KFCK-16992	00569756
SetDef and Media Port	Center Cut and LetterBox selection is incorrect.	KFCK-21413	
SetDef/Media Port	Set Def and Media Port crops are not centered.	KFCK-21408	
System Bar/ Image Store	Image Store device control selects wrong IS channel on initial press.	KFCK-21402	

## Software Issues Resolved in Release 11.0.0

### 11.0.0 Resolved Issues

Area	Issues	ID	Case ID
Device Control (T2 server)	The T2s can only be controlled when the "allow local control while in remote mode" box on the T2 is unchecked.	KFCK-20570	00544588
DoubleTake	In DoubleTake mode, keyers shared on Primary and Secondary partitions perform a cut transition on secondary when primary keys mix or wipe. The keys on the Secondary should perform a mix transition.	KFCK-20567	00501445
Image Store	Odd Image Store menu behavior when playing a clip - forces to thumbnail of clip playing or loaded clip if another channel (other than the one playing) is selected.	KFCK-20568	00539268
Korona Control Panel	SPOPs for the Keyer does not select appropriate DPM channel in menu.	KFCK-20565	
Korona Control Panel	When the Auto Transition Rate is set to Time, the Keyer Transition rate is showing Frames in the status display.	KFCK-20569	
Modular I/O Boards	Input names for the Modular I/O boards are not always shown.	KFCK-20566	

## Software Issues Resolved in Release 10.6.0

### 10.6.0 Resolved Issues

Area	Issues	ID	Case ID
2DPM	There are no Field/Frame Interpolation filter controls for 2DPM (This is a feature enhancement.)	KFCK-20118	00548907
4K Mode	When enabling a 4K Frame Operating Mode, the MEs are automatically acquired but the Devices, Routers, PBus, GPIs, etc. should not be affected.	KFCK-20307	
4K Mode SDQS and 2SI	When the Frame is set to a 4K Operating Mode, the individual Keyer Auto Transition rates are not correct.	KFCK-20242	
4K Quad, Menu	DPM Multiselect doesn't work with the 4K Quad Offset Controls.	KFCK-20066	
4K Quadrant Mode	When using four 2D DPMS to fly a single 4K image with soft borders enabled, there may be a small line in the border where the Quadrants meet.	KFCK-20175	

**(continued) 10.6.0 Resolved Issues**

4K Quadrant Mode	The Payload ID for the 4K 2SI mode Stream ID is not forced off when in 4K Quadrant Mode. WORKAROUND: Verify the Payload ID is disabled in the Eng Setup > Outputs > 4K Link Payload ID.	KFCK-20199	
4K SDQS	Some wipes have a slight offset between quadrants.	KFCK-19878	
DoubleTake	Keyers shared on Primary and Secondary partitions do not dissolve transition on secondary when primary keys mix or wipe. i.e. Primary and Secondary backgrounds will dissolve but Secondary keyers only cut.	KFCK-20353	00501445
E-MEM Layered Mode	Using Default Keyframe or Clear Work Buffer may put Layered Mode in an invalid state.	KFCK-20176	
Image Store Audio	In 525/625 frame mode, some equipment reports errors in the embedded audio from the Image Store.	KFCK-20128	00549914
Macros/Source Rules	Macros that change Source Rules created in earlier software versions may cause issues with the current Source Rules.	KFCK-19980	00544129
Multiviewer/Source Patch	Sometimes, source patch changes do not show up correctly on the Multiviewer	KFCK-20191	
S-series ME Licensing	Physical ME B2 and ME B3 have incorrect licensing information in the Acquire Resources menu.	KFCK-18373	00502495/519703
2DPM	There are no Field/Frame Interpolation filter controls for 2DPM (This is a feature enhancement.)	KFCK-20118	00548907
4K Mode	When enabling a 4K Frame Operating Mode, the MEs are automatically acquired but the Devices, Routers, PBus, GPIs, etc. should not be affected.	KFCK-20307	
4K Mode SDQS and 2SI	When the Frame is set to a 4K Operating Mode, the individual Keyer Auto Transition rates are not correct.	KFCK-20242	
4K Quad, Menu	DPM Multiselect doesn't work with the 4K Quad Offset Controls.	KFCK-20066	
4K Quadrant Mode	When using four 2D DPMS to fly a single 4K image with soft borders enabled, there may be a small line in the border where the Quadrants meet.	KFCK-20175	



**(continued) 10.6.0 Resolved Issues**

4K Quadrant Mode	The Payload ID for the 4K 2SI mode Stream ID is not forced off when in 4K Quadrant Mode. WORKAROUND: Verify the Payload ID is disabled in the Eng Setup > Outputs > 4K Link Payload ID.	KFCK-20199	
4K SDQS	Some wipes have a slight offset between quadrants.	KFCK-19878	
DoubleTake	Keyers shared on Primary and Secondary partitions do not dissolve transition on secondary when primary keys mix or wipe. i.e. Primary and Secondary backgrounds will dissolve but Secondary keyers only cut.	KFCK-20353	00501445
E-MEM Layered Mode	Using Default Keyframe or Clear Work Buffer may put Layered Mode in an invalid state.	KFCK-20176	
Image Store Audio	In 525/625 frame mode, some equipment reports errors in the embedded audio from the Image Store.	KFCK-20128	00549914
Macros/Source Rules	Macros that change Source Rules created in earlier software versions may cause issues with the current Source Rules.	KFCK-19980	00544129
Multiviewer/Source Patch	Sometimes, source patch changes do not show up correctly on the Multiviewer	KFCK-20191	
S-series ME Licensing	Physical ME B2 and ME B3 have incorrect licensing information in the Acquire Resources menu.	KFCK-18373	00502495/519703

## Software Issues Resolved in Release 10.5.1

### 10.5.1 Resolved Issues

Area	Issues	ID	Case ID
Lever Arm Transition	When certain communication problems occur, a Lever Arm transition may pause for up to one half of a second.	KFCK-17457	00527774/00521439/ 00528162

## Software Issues Resolved in Release 10.5.0

### Resolved Issues Version 10.5.0

Area	Issues	ID	Case ID
2D-DPM	2D-DPM Edge Pinning with non-uniform crops distorts image when Crop Edge and Edge All is used.	KFCK-20012	
Source Memory	Some Keyer Wipe parameters such as split, aspect, and multiply are not stored and recalled by Source Memory.	KFCK-8276	
E-MEM Translation	E-MEM Pref translation changes old Aux Bus Misc 5 to Misc 10.	KFCK-19936	
E-MEM Translation	EMEMs from V9.3 not working in V10, message "register is empty" when trying to execute.	KFCK-19941	00542250
E-MEM Translation	When translating pre-v10.x E-MEMs to v10.x the Upper Image Store levels are incorrectly translated and set to default.	KFCK-19991	
eDPM E-MEM	The partition sub-level may be missing from shows loaded from previous versions.	KFCK-19923	
Eng Setup Output Configuration	When loading older Shows outputs are loading "Output Type" Aux but not the value of the Aux.	KFCK-19924	
File Ops	If Create Show is selected and the user navigates folders, the Show Load History comes up over the Create show menu and Create Show stays enabled. The User is now blocked from saving any shows. Workaround: Navigate to the TOP to clear the state	KFCK-19113	
GV Korona Control Panel	The Installer updates the Controller FPGAs even if they are up to date.	KFCK-19604	
GV Korona Control Panel	Joystick Calibration should tell the user that Calibration takes several seconds.	KFCK-19622	
GV Korona Control Panel	On Power cycle, the GV Korona Panel may not restore the stripe configuration.	KFCK-19674	
GV Korona Control Panel	Chroma Key - Joystick doesn't control size of color selection and button should take Chroma Key.	KFCK-19677	
GV Korona Control Panel	If you perform a "Hardware Update" and no updates are needed, the dialog box closes very quickly and you can't tell if the update was actually needed or if the update failed.	KFCK-19682	

**(continued) Resolved Issues Version 10.5.0**

Area	Issues	ID	Case ID
GV Korona Control Panel	Micro Pop-up occurring when Menu is minimized and not in the Node List on connection.	KFCK-19701	
GV Korona Control Panel	Panel Saver always goes to sleep after 10 minutes regardless of the configured time.	KFCK-19920	?
GV Korona Control Panel	GV Korona JoyStick Calibration is not saving the center values to the EEPROM. Calibration appears to work but after resetting the panel it goes out of calibration.	KFCK-20198	
Image Store	After changing Frame Operating Mode from one video standard to another the Image Store Audio and/or Video can occasionally be noisy. Workaround: Reset the Frame Operating Mode then after a few minutes, reset the Frame, the system will work.	KFCK-18198	
Image Store	Sometimes there is a significant delay when loading Movies and Stills.	KFCK-19873	
Kayenne Control Panel	DPOP of the MIX button appears to create a BKD hold down and then causes transition elements like BKD and Keyers to toggle.	KFCK-19630	00538277
Key Store	For v9.3 and v10.0, the KeyStore always captures an additive Key instead of automatically capturing the key as shaped or unshaped depending on the key input.	KFCK-20119	
Menu	The Source Ops Aux Bus is slow. Repeated use will slow down the menu.	KFCK-17105	
Modular I/O	Some Modular I/O boards have noise on the input or output.	KFCK-19503	00519475
Simulator	The Frame Simulator is deleting saved files from a show saved to the Remote Storage.	KFCK-20149	
Source Definition	Eng Name for sources above 192 are not being recalled.	KFCK-19803	
Source Memory	Clearing Source Memory on a Keyer clears the 2D-DPM settings.	KFCK-19242	

## Software Issues Resolved in Release 10.0.0

### 10.0.0 Resolved Issues

Area	Issues	ID	Case ID
Menu	Not caching the menu can slow menu over time.	KFCK-19441	
Image Store	On a few switchers, the Image Store will not boot properly on rare occasions.	KFCK-19488	
Output Board - HAD	Noise on the output board 771-051600 is caused by a timing issues in the HAD.	KFCK-19673	

## Known Issues

### Known Issues

Area	Issues	ID	Case ID
Clip Store	Using a Macro to stop a ClipStore recording leaves the channel in record mode. Stopping the recording by pressing the menu Stop button works correctly. Workaround: Do not use Macros to stop a recording or if you do, toggle the Record Enable button to get back into play mode.	KFCK-9060	
ClipStore	Inserting ClipStore Channel licenses requires a Frame reset to take effect.	KFCK-9738	
Devices (including Clipstore)	When a directory contains more than 300/IDs and a still is grabbed, the Control Panel and Menu response for that suite can become temporarily sluggish.	KFCK-20549	00575439
E-MEM	Circular sequencing of registers is not supported.	KFCK-9965	
Editor Interface	The first time an Editor Port is assigned, enabled and connected, it may not start correctly. WORKAROUND: If the Editor Port is configured to the desired state and does not work the first time, reset the Frame and Menu and enter the Editor Port configurations a second time.	KFCK-21673	
Ethernet Tally	The output name sent by the protocol appears to be the Output Name only and does not send the Aux Bus name when the output is assigned to an Aux Bus. It should use the Aux Bus name if available.	KFCK-8248	

**(continued)Known Issues**

Area	Issues	ID	Case ID
GV K-Frame X: IP I/O	Occasionally, on power up, an IP Transmit stream may not initialize correctly resulting in no video output on that individual stream. <b>WORKAROUND:</b> Resend the IP configuration data for that channel to re-initialize the stream. This can be done by changing the UDP port to a different value, apply the settings, then change the UDP Port back to the correct value and apply the settings again. Resetting the system after a power up will initialize the channels correctly.	KFCK-21721	
GV Korona Control Panel	User Setup > Panel Prefs > Panel User Interactions > OLED brightness soft knob adjustment is not linear. If you are at 100% and take the brightness to 10%, you don't see the change until you turn the knob up again.	KFCK-19507	
GV Korona Menu	GV Korona menu brightness doesn't work in User Setups > Panel Prefs > Panel User Interactions. Workaround: Set the menu brightness using Windows adjustments.	KFCK-19509	
Hot Swap	During the hot swap of a Frame board, if another board is removed and replaced, the removal of the second board is not detected. Workaround: Wait ten seconds between hot swapping boards.	KFCK-17208	
Image Store	When in PAL (SD-50Hz), if you record a movie longer than three minutes, the switcher may not display the correct movie duration.	KFCK-18055	
Image Store	After recording a movie, the blue progress bar may be blank until the movie is saved to cache.	KFCK-18178	
Image Store	Standard definition movies with a duration of more than 5 minutes may not have the duration displayed correctly.	KFCK-17523	
K-Frame X Serial Ports	On some early Control I/O Cards, the silkscreen labels for Serial Ports 1 and 2 are reversed.	KFCK-21678	
K-Frame X IP Video I/O	IP video sources cannot be used as Reference Sync.	KFCK-21671	

**(continued)Known Issues**

Area	Issues	ID	Case ID
K-Frame X IP Video I/O	The Timing Analyzer does not work with IP Input Sources.	KFCK-21674	
Karrera Control Panel	DPOP of USER buttons does not work if Split ME and PRI/SEC are selected.	KFCK-9332	
Karrera Control Panel Memory	Panel Memory on the Karrera does not record the page offsets of the Macro Mode in the Local E-MEM section.	KFCK-8249	
Kayenne Control Panel/Machine Control	Machine Control Module only works from Suite 1 Surface A and/or Suite 2 Surface A.	KFCK-9933/DE364	
Machine Control	Enabled devices that are not connected, will continue to try and connect which can cause menu slow-downs. Workaround: Disable unused devices.	KFCK-9101/DE1228	
Macro Edit/Build	Starting to edit or saving a macro may be delayed during a file operation in either suite.	KFCK-8505/DE1831	00487254
Menu Software Installation	Immediately after the installation of new software, the Status Menu reports the previous version of the software even after a successful update.: Workaround: Restarting the Menu corrects the issue.	KFCK-19611	
Node Settings	Joy Stick Override mapped to "None" still selects source 1.	KFCK-9953/DE344	
S-series/V-series 4K Mode	When in 4K mode, the Utility buses have two streams of video and two streams of black.	KFCK-21672	
SNMP	Default IP Addresses and Community name are not correct for SNMP values for the frame.	KFCK-9289	



## **Grass Valley Technical Support**

For technical assistance, contact our international support center, at 1-800-547-8949 (US and Canada) or +1 530 478 4148.

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