K-FRAME

VIDEO PRODUCTION CENTER

Release Notes Addendum

VERSION 14.6.5

13-00005-000-BF

2021-01-20

Patent Information

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K-Frame Release Notes Addendum, V14.6.5

About this Manual

This document includes new features and "Resolved" and "Known" issues for K-Frame software version 14.6.5. See the K-Frame Release Notes, version 14.6 for Grass Valley Video Production Center software update 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 14.6.5

Area	Issues	ID	Case ID
GV K-Frame X: IP I/O boards	IGMPv3 should be greyed out as that functionality is not available.	KFCK-25963	
GV K-Frame X: IP I/O boards	On rare occasions, the 25Gb SFP may lose the link when SFP in 4 x 2 mode.	KFCK-25956	
GV K-Frame X: IS-04 & IS-05	Need manual registry configuration in menu.	Enhancement KFCK-25962	
GV K-Frame X: IS-04 & IS-05	NMOS logging can be improved.	Enhancement KFCK-25961	
GV K-Frame X: IS-04 & IS-05	Need selection of the IS-04 node version from the menu.	Enhancement KFCK-25960	
GV K-Frame X: IS-04 & IS-05	Need NMOS registry status information on a web page.	Enhancement KFCK-25959	
GV K-Frame X: IS-04 & IS-05	If the communications with the NMOS registry times out, communications is not always re-established.	KFCK-25928	00766456

Software Issues Resolved in Release 14.6.4

Area	Issues	ID	Case ID
GV K-Frame X: IP I/O	In some circumstances, the 25Gb SFP can lose the link	KFCK-25552	761912
K-Frame X: IP I/O Menu	Audio Bulk Configuration Doesn't Display Changes in pink	KFCK-25938	
K-Frame X: IS-04 & IS-05	Cannot configure the NMOS Node Version to be v1.2 instead of v1.3 via the console.	KFCK-25517	759233
K-Frame X: IS-04 & IS-05	Cannot manually configure the Registry IP address from the console when needed.	KFCK-25941	
Menu Wipe Patterns	Wipes Patterns Menu has delay when entering page Karrera Menu PC slow performance after latest update.	KFCK-35461	750962
Menu Eng Setup >Status	Capture Software Diagnostics Data – Menu can only be entered once.	KVCK-25920	
Camera Tally	Camera Tally via XML Camera Protocol may not work for cameras without a base station or CCU. (This includes the LDX 100).	KFCK-24271	723412
Router Control	Cannot configure the ability to status the entire matrix or attempt to only poll for configured router sources from the console.	KFCK-25943	

Software Issues Resolved in Release 14.6.3

Area	Issues	ID	Case ID
GV K-Frame X: IP I/O Boards	On rare occasions, an IP I/O board may not boot correctly. WORKAROUND: Reset the IP Board in the Eng Setup > Video I/O > IP I/O Config > Select the Video I/O Board > Port Config SFPs (Reset Board Button)	KFCK-25379	
K-Frame X: IP I/O Boards	There are intermittent initialization problems with Audio Essence Receivers for ST2110-30 in some configurations.	KFCK-25547	
K-Frame X: IP I/O Boards	There are some combinations of IP Signals and timing that can cause the IP Board to output malformed video streams (such as 17Gb video streams instead of 12Gb).	KFCK-25470	00753048

Area	Issues	ID	Case ID
K-Frame X: IP I/O Boards	In a few rare instances, the IP I/O board may stop sending or receiving essences after loading an Engineering Setup File or a system boot.	KFCK-25548	
Wipes	In some panel configurations, fast back to back wipes transitions using the Lever Arm may not be smooth. This is dependent on the certain control panel CPUs and is more pronounced at a FOM of 50Hz.	KFCK-25309	00724246

Software Issues Resolved in Release 14.6.2

Area	Issues	ID	Case ID
ClipStore	ClipStore Menu is disabled when less than four ClipStore Channels are enabled.	KFCK-25472	00751664
IP I/O Boards	Some combinations of IP signals and timing can cause the IP Inputs and/or Outputs on that FPGA to stop working.	KFCK-25466/ 25462	00752140

Software Issues Resolved in Release 14.6.1

Area	Issues	ID	Case ID
GV K-Frame X: IP I/O Board:	Port Config SFP displays wrong SFP numbers for Board 10.	KFCK-25376	
IP I/O	IP I/O does not support different Payload Types for the same stream essence (Video, Audio, Ancillary) on the same board.	KFCK-25451	
IP I/O: NMOS IS-04/IS-05	NMOS Node Name is too generic.	KFCK-25456	
K-Frame X: IP I/O	Switching SFP configuration from 2x1 to 4x2 or 8x4 may cause the video inputs and/or outputs to become unstable.	KFCK-25446	
K-Frame X: IP I/O NMOS IS-O4, IS-05	Transport Take may be missed.	KFCK-25423	00740432
Macros	Loading a macro from the root of a network drive can fail.	KFCK-25161	
Macros	Loading macros using Select Reg(s) in the File Ops, Macros, System Storage menu, may not load correctly.	KFCK-25455	
Menu	Restore settings in IP I/O Config menu are not working.	KFCK-25453	

Software Issues Resolved in Release 14.6.0

Area	Issues	ID	Case ID
Modular I/O	Embedded audio on output is distorted.	KFCK-25321	00725772

Software Issues Resolved in Release 14.5.2

Area	Issues	ID	Case ID
K-Frame, S-series, GV K-Frame X: iDPM	Some M/E Boards may have iDPM channels that are occasionally noisy or intermittent.	KFCK-25341	00724787, 00730022
K-Frame, GV Frame X: ME View	The ME View output on some M/E boards are not passing the output checksum manufacturing test.	KFCK-25342	

Software Issues Resolved in Release 14.5.1

Area	Issues	ID	Case ID
E-MEM	On very rare occasions, E-MEM actions may not be correct, for example a macro initiated by E-MEM may not execute.	KFCK-25171	00711950
V-series: Sync Output Timing	The V-series frame may stop working when the output sync is adjusted.	KFCK-25300	00718673

Software Issues Resolved in Release 14.5.0

Area	Issues	ID	Case ID
ClipStore	Inserting ClipStore Channel licenses requires a Frame reset to take effect.	KFCK-9738	
Control Panel	When over 800 clips/IDs in a device list and the Device Control Module is displaying the list, Panel status becomes slow and takes several seconds to update.	KFCK-22817	00625437
Devices	A corrupt configuration file can cause some devices to be enabled but invalid and then cause the Frame to become unresponsive.	KFCK-25047	00700988
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
Format Conversion: MatchSync	MatchSync is not yet supported for EZ-4K Frame Operating Modes.	KFCK-24862	
iDPM	On very rare occasions during the reassignment of an iDPM to another keyer, the Frame became unresponsive.	KFCK-25033	00700509
IP I/O Config	When an IP/IO Config Bulk spreadsheet is imported to configure IP, all the Payload ID Types are set to default, not the values in the spreadsheet.	KFCK-25128	00705219
K-Frame X and V-Series IP I/O: SFP Statistics Web page	Throughput (Rx and Tx) cells occasionally read zero even when inputs and outputs are good.	KFCK-24859	
Macro	After updating to V14.4.x GPI triggered macros run in the context of Surface B instead of Surface A.	KFCK-25139	00706095
System	On only one occasion, the switcher started delaying cuts for 15-20 seconds.	KFCK-25039	00702007
Wipes	Some configurations of bordered wipes will have an extraneous line of border or video on screen during the transition/preset position.	KFCK-24747	00673796

Software Issues Resolved in Release 14.4.4

Area	Issues	ID	Case ID
Macros	Macros recalled by E-MEM are not indicated on the control panel.	KFCK-25124	

Software Issues Resolved in Release 14.4.3

Area	Issues	ID	Case ID
Copy Wipes	Affects version 14.0.0—Copy Wipes stopped working.	KFCK-25021	00698575
GV K-Frame X: PTP Board	Affects version 14.4.2—If the PTP Board is missing or not running, the frame can crash when it attempts to access PTP.	KFCK-25032	
Macros	Affects version 14.4.0—If Macros from another panel are loaded into a different panel which results in Macros Attached to a module that doesn't exist, can cause the panel to reset when Attach Enable is pressed.	KFCK-25014	00697096
Macros	Affects version 14.4.0—In some circumstances, when two or more buttons with pre-attached macros are pressed at exactly the same time, the panel may lock up.	KFCK-25042	00699722
V-series: Format Conversion I/O Card	Affects version 14.1.0—Conversion Cards always revert to Bypass on reboot and show loads.	KFCK-25043	

Software Enhancement 14.4.2

RTP Timestamps for IP Outputs have been improved. The IP Sender (IP output) RTP timestamps are derived from the epoch contained in the PTP Reference.

Area	Enhancement Request	ID	Case ID
PTP	Some devices are looking for a PTP Stamp in IP Video Output.	KFCK-24855	00691517

Software Issues Resolved in Release 14.4.1

Used for Grass Valley internal purposes only.

Software Issues Resolved in Release 14.4.0

Area	Issues	ID	Case ID
Device Control	The menu does not initialize when first accessed through a Favorites button.	KFCK-24869	
Ethernet Tally	Ethernet Tally will not allow connections from newer tally clients with updated tally protocol versions.	KFCK-24748	
Ethernet Tally	When Cameras are connected, unneeded EngineeringSourceMap packets are sent to tally receiver.	KFCK-8920	
EZ-4K: 4K 2SI/SQDS	Primary Wipe wash offset is not correct on two sub-images.	KFCK-20190	
GV K-Frame X and V-Series: IP I/O	In rare circumstances, errors in communications between the IP I/O board and the main frame CPU might cause the IP I/O board to be reset.	KFCK-24856	
GV K-Frame X and V-Series: IP I/O	In some specific circumstances, if an error occurs on one video of a Redundant input video pair, the resulting video may have an error.	KFCK-24857	
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. WORKAROUND: 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-23044	
GV K-Frame X: PTP	PTP won't lock to Evertz 5700 SPG.	KFCK-24746	

Area	Issues	ID	Case ID
Machine Control	A loop recall from the DCM to the EVS causes the EVS to play a previous Clip after the first loop (if no defined in/out points).	KFCK-8348	
Macros	Macro Record from System Bar appears to exit but the macro is still in the Record state.	KFCK-24726	
Source Rules	When Pri/Sec are both selected, the Sources Rules, Rules Hold does not select both. Previews follow both.	KFCK-24801	

Software Issues Resolved in Release 14.3.2

Area	Issues	ID	Case ID
GV K-Frame X: PTP	When using a 50 Hz Frame Operating Mode, the PTP timing reference drifts. NOTE: A PTP HAD update is required to resolve this issue, refer to the *Kayenne/Karrera/GV Korona Installation & Service Manual*, *Maintenance* section.	KFCK-24774	00677554
Lever Arm Transitions	Lever arm zero crossing not compensated for which may result in an interruption during the transition.	KFCK-24781	00671895

Software Issues Resolved in Release 14.3.1

Area	Issues	ID	Case ID
File Ops	If a show file is saved to a remote drive using a menu that does not have the Device Control Menu configured, the saved show will display a number of file error messages and save only part of the show but report that the show saved successfully.	KFCK-24686	00672122
File Ops: Device Event List	Event List does not show the correct tabs limiting the ability to save Device Event Lists.	KFCK-24699	

Software Issues Resolved in Release 14.3.0

Area	Issues	ID	Case ID
Control Panel/ Menu	Panel and menu in one suite would not connect until frame was power cycled. Other suite was OK.	KFCK-23049	00631391
Conversion	4K 2SI, SetDef to 1080p (Level B) the bottom crop numbers are wrong.	KFCK-24316	
DPM	In Frame Operating mode of Standard Definition with a 16:9 aspect ratio, the default crops are not correct. WORKAROUND: Set the default DPM crops in Engineering Configuration to what looks appropriate on screen.	KFCK-24315	00618966
E-MEM	After selecting Learn to perform the Edit function, it should exit the Learn.	KFCK-19117	
E-MEM/ Double Take:	Problems when switching between split and normal mode via E-MEM with keyers in secondary partition	KFCK-21679	00622442
File Ops/ Macro Editing	File Ops and macro editing may have problems after a frame reboot or power up until menu is restarted.	KFCK-23754	00649846
GV K-Frame X/ V-Series Conversion I/O	RGB Color Correction is not enabled on this board for this version of software.	KFCK-24201	
Menu	The Menu occasionally reports extraneous "Knobs temperature too high" messages	KFCK-21461	00605093
Menu: Wipes/ Mattes	Primary Wipes lose point of use when menus change.	KFCK-23727	00647817
SNMP	On boot, traps send board status with incorrect board name. Polling and following traps send the correct name.	KFCK-24242	
Source Tables:	When creating bus link Source Tables the selection of Linked Sources works for the tables but the source selector is not highlighting the selected source.	KFCK-24314	

Software Issues Resolved in Release 14.2.1

Area	Issues	ID	Case ID
Image Store	Some boards have intermittent DMA controller errors at boot time that show up in the frame logs.	KFCK-24146	00654894, 00655262
Show Files	Show files should no longer include the Engineering Files. They should be loaded separately.	KFCK-24073	
Control Panel	On a few systems, when the Control Panel is reset, the video may perform a transition and the video may randomly cut to what is on the preview bus.	KFCK-21481	00604179
K-Frame X: Video IP Inputs	If an automation system using CPL assigns an invalid SFP to an input, the input will stop working.	KFCK-23716	00643597
K-Frame X IP Video I/O	The Timing Analyzer does not work with IP Input Sources.	KFCK-21674	

Software Issues Resolved in Release 14.1.0

Area	Issues	ID	Case ID
Image Store	Some boards have intermittent DMA controller errors at boot time that show up in the frame logs.	KFCK-24146	00654894, 00655262
Show Files	Show files should no longer include the Engineering Files. They should be loaded separately.	KFCK-24073	
Control Panel	On a few systems, when the Control Panel is reset, the video may perform a transition and the video may randomly cut to what is on the preview bus.	KFCK-21481	00604179
K-Frame X: Video IP Inputs	If an automation system using CPL assigns an invalid SFP to an input, the input will stop working.	KFCK-23716	00643597
K-Frame X IP Video I/O	The Timing Analyzer does not work with IP Input Sources.	KFCK-21674	
Menu	Menu locks up on the Mattes menu.	KFCK-23643	00637994
Menu	Menu stopped responding to navigation while in the Wipes menu.	KFCK-23713	
S-series/V-series 4K Mode	When in 4K mode, the Utility buses have two streams of video and two streams of black.	KFCK-23717	
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	
Suite Prefs	Source correction does not load from Suite Prefs if RGB Color Correction is not licensed.	KFCK-21479	00610545
V-series: Device Control	Configuring GFX devices 3 and 4 does not work, then GFX devices 1 & 2 appear to be GFX devices 3 & 4.	KFCK-23615	00636444

Software Issues Resolved in Release 14.0.0

Area	Issues	ID	Case ID
Aux Bus	Aux Delegate Mapping menu truncates longer Aux Bus names when editing them.	KFCK-23235	
Aux Bus Tally	Switcher Tally doesn't allow for Aux selection in all cases.	KFCK-23276	
Aux Delegate Mapping	Aux Delegate Mapping Button Count gets stuck on 20.	KFCK-23189	
ClipStore	Device Menu Transport Controls sometimes don't update properly but work when selected.	KFCK-23221	

Area	Issues	ID	Case ID
DPM Tally	The cropped part of the video was no longer visible but tallied as if it were.	KFCK-21465	00605843
DPM Tally	DPM is not always tallying correctly when rotated at 90 degree angles	KFCK-22842	
Eng Setup, Ports & Devices Menu	The External Devices menu sometimes fails to display GFX devices.	KFCK-20637	
Eng Setup, Video I/O Menu	The knobs in the Eng Setup, Video I/O menu are not working.	KFCK-23223	
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	
File Ops	When a show is selected the registers in that show should be displayed in the Choose Load windows. Each register type does not display in both Choose Load and Update Show.	KFCK-23249	
File Ops	Select All, Load Granularity for Eng Setups takes two presses.	KFCK-23209	
Image Store	Image Store does not always import MP4 files that end in 4.	KFCK-23266	
Image Store	Menu does not display the entire image list from Build Edit menu.	KFCK-23239	
Image Store Restore Cache	Restore Cache occasionally fails if you switch to the Library page during the Restore.	KFCK-23241	
K-Frame X and V-Series:	Conversion I/O Board - RGB Color Correction is not enabled on this board for this version of software.	KFCK-24201	
K-Frame X Web Access Pages	Webpage Frame Status has issues displaying the Frame Slot Status	KFCK-21629	
K-Frame X/ IP I/O	IP Web pages will display configuration of the IP cards but the IP statistics are not valid.	KFCK-21719	
KSP	The Aux Bus row on the KSP can occasionally go blank.	KFCK-21389	00595156
KSP	The KSP loses keyboard control when switching via a KVM.	KFCK-20396	00576639
KSP	Key Chaining: The KSP does not indicate that Key Chaining has been configured.	KFCK-18123	00493798

Area	Issues	ID	Case ID
ME Video Processor	Knobs do not work until the POU is toggled.	KFCK-23278	
Router Control	Switcher Source only displays the source Number not the Source Name/s.	KFCK-23257	
Router Interface	When source 300 is a router source, it does not show what is routed to it.	KFCK-23225	

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	
Control Panel	On a few systems, when the Control Panel is reset, the video may perform a transition and the video may randomly cut to what is on the preview bus.	KFCK-21481	00604179
Device Control	Sometimes after a reset of the frame, none of the devices (except the ClipStore) are enabled in suite 2. They can be enabled manually.	KFCK-24235	
DPM	In a Standard Definition Frame Operating mode with a 16:9 aspect ratio, the default crops are incorrect. Workaround: Set the default DPM crops in Engineering Configuration to what looks appropriate on screen.	KFCK-24315	00618966
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	

Area	Issues	ID	Case ID
GV K-Frame X, V-series: IP I/O Boards	On some occasions, the IP i/o board may take as long as six minutes to power up from a complete powered off state.	KFCK-24378	
GV K-Frame X: IP I/O Board	On rare occasion with some Cisco network switches with QSFP, after a boot, the input video may be pink or green. WORKAROUND: Reset the QSFP in the Cisco network switch.	KFCK-24858	
GV K-Frame X: PTP	Loss of the PTP messages might not be reported since the Flywheel Reference on the PTP Board is providing a valid reference that had been synchronous with the PTP Master Clock.	KFCK-25181	
GV K-Frame X: PTP Board Software Update	When using the Multiboot option during a HAD update, some PTP boards will not update and remain at Version a.4. WORKAROUND: Follow the PTP Board Golden Image update procedure in the 14.5.0 Kayenne/Karrera/GV Korona Release Notes.	KFCK-25186	
GV K-Frame X/ V-series: Format Conversion	When in Frame Operating Mode 1080p-B the SetDef and MatchDef 4K settings are running in 1080p-A.	KFCK-24375	
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	

Area	Issues	ID	Case ID
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	
IP I/O	Limitations are not allowing a switch from single stream to quad.	KFCK-25452	
IP I/O	Eng Setup, Video I/O, IP I/O Config, Inputs menu: IGMPv3 SSM fields should be grayed out as it is not supported at this time.	KFCK-25454	
IP Video I/O	It takes over 30 seconds to change SFP Speed on IP cards; it will flash twice after the change is made.	KFCK-25182	
K-Frame X: PTP	Loss of PTP messages might not be reported since the Flywheel Reference on the PTP Board is providing a valid reference that had been synchronous with the PTP Master Clock.	KFCK-25181	
K-Frame X/ V-Series: IP I/O Timing Analyzer	When receiving a signal on a ST2110-20 stream, the timing analyzer reports that input as being the same as the Frame Operating Mode no matter what the format of the incoming stream. 2022-6 inputs may be reported incorrectly if they have Audio (ST 2110-30).	KFCK-23710	
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

Area	Issues	ID	Case ID
Media Port Input	Media Port on 8x4 SDI board detects 1080i when no video is connected.	KFCK-25170	
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	
SNMP	Default IP Addresses and Community name are not correct for SNMP values for the frame.	KFCK-9289	
System Timing	Sometimes internal sources are incorrectly reported as out of time.	KFCK-24868	00695116

Contact Us

Grass Valley Technical Support

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