K-FRAME

VIDEO PRODUCTION CENTER

Release Notes Addendum

VERSION 17.7.0

13-00122-000-BU

2025-06-26

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K-Frame Release Notes Addendum, V17.7.0

About this Manual

IMPORTANT: K-FRM-100SXP frames with newer Controller board PNs 90-00085-002 and 90-00085-003, these will need V17.0.3 or newer SW. If you are using a new board as a spare, please ensure you update your entire system to V17.0.3 or newer so the spare can be used.

IMPORTANT: The newest KAY Panels require V17.0.1 SW as a minimum. If you have purchased a new KAY Panel, please ensure to upgrade the rest of your system to the same software version being deployed.

IMPORTANT: V17.7.0 HDR Features are only supported in the GV K-Frame XP systems, its bug fixes however are supported in the GV K-Frame XP and GV K-Frame X (Video Production Center). It is recommended to update the SW and HAD on any spare controller boards and IO boards you may have as well.

NOTE: Starting with V16.2.5 the Menu only uses port numbers 6130 and 6131 to communicate with the Frame.

NOTE: Bus Linking/Macros: V16.2.1 introduces a new Macro format. Macros of bus links created in V16.0.0 to V16.2.0 may not correctly translate to the new macro format. These macros will need to be corrected. The operator should validate that the Macro containing bus linking was translated correctly before using the macro in a show by running it and confirming the correct behavior. All other Macros should be properly translated.

NOTE: For K-Frame X systems: The V16.2.0 or later software includes changing the software operating system for the frame to Linux-based software (see **K-FRM-X-UPG-LX-KIT** for ordering). This change requires changing out the hard drives on the Frame Controller and Image Store Controller boards before installing the V16.2.0 or newer software. It also means that the frame console has significantly changed its console behavior and Secure Shell Protocol (SSH) improving network security by requiring passwords for logging into the frame console. The default username and password is "user" and "gvuser". Please be aware that your local engineering management may have changed this password. Please refer to the K-Frame XP Installation and Service Manual for changes. The X will act similarly to an XP as described in the manual.

The V17.7.0 software for the K-Frame X includes all of the bug fixes from V15.0.0. for the K-Frame XP that are applicable to the K-Frame X. Also, device control system, IP I/O cards, NMOS IS-04 and IS-05 and Gearbox boards have had significant updates since V14.7.x. This includes a number of menu screen changes.

This document includes "Resolved" and "Known" issues for K-Frame software version 17.7.0.
See the K-Frame Release Notes, version 17.7 for Grass Valley Video Production Center.
For how to perform software update instructions see K-Series Switcher Software Upgrade Guide.

For More Information

For information about installing, configuring, and operating GV 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.

Known Issues

Software Issues Resolved in Release 17.7.0

Area	Issues	ID	Case ID
HDR K-Frame XP	Enhancement - Support for HDR functionality	KFCK-28394	
Macro K-Frame X, XP	Enhancement - Ability to delegate A and B buses to macros	KFCK-21459	00604325
Macro Menu K-Frame X, XP	Menu path Macro > Macro Ops or Macro > Attach UI was preventing highlight any buttons within the register	KFCK-28226	00908901
Macro K-Frame X, XP	Running a Macro when trying to record it while it is running, causes an issue where frame needs to be rebooted	KFCK-28208	00905415
Menu Kayenne	In unique conditions a remote menu panel closing can cause the Kayenne MCU menu application to freeze but keyboard and mouse remain operational	KFCK-28207	00906178

Software Issues Resolved in Release 17.6.4

Area	Issues	ID	Case ID
Ethernet Tally K-Frame X, XP	In a cases where where an Ethernet Tally receiver discounts and reconnects Tally can report offset	KFCK-28384	00914922
Ethernet Tally K-Frame X, XP	In rare cases loading a show file with source patching can cause the Tally to be out of sync	KFCK-28188	00900846

Software Issues Resolved in Release 17.6.3

Area	Issues	ID	Case ID
PTP: K-Frame X, XP	Loss of communication between frame and PTP	KFCK-28380	00914036

Software Issues Resolved in Release 17.6.2

Area	Issues	ID	Case ID
AIP1 IO: K-Frame XP	On some systems updating from V17.3.0 to V17.4.0 can render horizontal line flashes 8x4 AIP IO	KFCK-28197	00903110
AIP1 IO: K-Frame XP	On some systems updating from V17.3.0 to V17.6.0 AIP1 IO outputs can sometimes not lock 1080p 59.95 and 1080i 29.97	KFCK-28319	00910921
Menu: PBUS	Menu to able to change PBUS address	KFCK-28344	00912055
Menu: GPIO Outputs	Menu not able to change duration GPI Outputs	KFCK-28227	00910936
HDR: K-Frame X, XP	HLG 2020 in SDP file some outputs are not reporting HLG 2020 correctly	KFCK-28376	00912557

Software Issues Resolved in Release 17.6.1

Area	Issues	ID	Case ID
AIP IO: K-Frame XP	On rare occasion in 8x4 mode (25G ethernet, 8 1080p video streams) with ANC and Audio enabled AIP receive video goes to crosshatch	KFCK-28225	00909528

Software Issues Resolved in Release 17.6.0

Area	Issues	ID	Case ID
IP AIP: K-Frame XP	SFP link/Lock are not consistently UP after a Frame reboot or IP board reset.	KFCK-28216	
IP AIP: K-Frame XP	In some conditions AIP 8x4 boards disconnect from NMOS registry	KFCK-28194	00900080
IP AIP2: K-Frame XP	New hardware released K-FRM-IO-FULL-ADVI (16x8 advanced IP board), and K-FRM-IO-ADVI (8x4 advanced IP board) supporting 100G single lane. New Frame simulator with AIP2 boards available. See Release Notes 17.6.0		

Software Issues Resolved in Release 17.5.1

Area	Issues	ID	Case ID
IP IO: K-Frame XP	IP boards that upgrade to V17.4.0 can rarely get a corrupted persist file that keeps the boards from communicating.	KFCK-28200	00900080

Software Issues Resolved in Release 17.5.0

Strictly a feature release, no bugs addressed.

Software Issues Resolved in Release 17.4.0

Area	Issues	ID	Case ID
GPIO GB IO: K-Frame XP	GPIO Stopped working after upgrade to V17.3	KFCK-28156	008894510 008895304
Bus Link: K-Frame X, XP	Bus Links not working, regression V16.0.0	KFCK-28139	00894195

Software Issues Resolved in Release 17.3.0

Area	Issues	ID	Case ID
IP I/O: K-Frame XP	Releasing new Advanced IP boards for K-Frame XP's only, is the primary purpose of this release. K-FRM-IO-FULL-AD-I and K-FRM-IO-AD-I		
KAY Panel: MFM	Rare occasion of Multifunction Module Joystick Down Button Flicker	KFCK-28122	

Software Issues Resolved in Release 17.2.2

Area	Issues	ID	Case ID
IP I/O: K-Frame X	Regression from V17.2.1. NMOS registry does not connect NMOS Server.	KFCK-28129	

Software Issues Resolved in Release 17.2.1

Area	Issues	ID	Case ID
IP I/O: K-Frame X	IP Rears unable to activate Gearbox 4K 2SI	KFCK-28123	

Software Issues Resolved in Release 17.2.0

Area	Issues	ID	Case ID
	Feature Release Clipping. Limited distribution to Olympic Broadcast Systems (OBS)		

Software Issues Resolved in Release 17.1.2

Area	Issues	ID	Case ID
K-Frame CXP Controller	Controller xpt board checksum error	KFCK-28037	

Software Issues Resolved in Release 17.1.1

Area	Issues	ID	Case ID
NMOS K-Frame X, XP	GV Orbit NMOS bulk Takes (Video, Audio, ANC) occur but report errors (Regression V16.2.6)	KFCK-28010	00880786
KAY Panel	KAY-PNL-xxx panel modules may sometimes not startup during panel boot up	KFCK-28025	

Software Issues Resolved in Release 17.1.0

Area	Issues	ID	Case ID
Image Store	Audio was not able to record from Image Store Movie Record (Regression V17.0.3)	KFCK-27559	00872453

Software Issues Resolved in Release 17.0.3

Area	Issues	ID	Case ID
Controller: K-Frame SXP	Enhancement - Support for new controller boards. Only required if you are using or intend to use a spare controller board PN 90-00085-002 or 90-00085-003.	KFCK-27548	
EMEM: Karrera, Korona panels	Enhancement - E-MEM Numeric Recall Feature added to Korona and Karrera panel types. Reference User Manual E-MEM Numeric Recall If you desire this functionality, you can order overlays for panel functionality identification through Service. NUMKEY_OVRLAY_KOR NUMKEY_OVRLAY_KRR	KFCK-27549	
SNMP: K-Frame XP	Enhancement - SNMP support added to report loss of power when power cable is removed on an XP frame.	KFCK-26873	00808409
Transition Module: Korona	Korona Transition Module had some button functions swapped.	KFCK-36868	00813038
NMOS: K-Frame X, XP	Fix SDP Audio Flow and PTP Domain	KFCK-27431	00863624
NMOS: K-Frame X, XP	Fix SDP Color Space	KFCK-27524	00866321

Software Issues Resolved in Release 17.0.2

Area	Issues	ID	Case ID
DPM: K-Frame XP	DPM Board – Lighting in all warp modes.	KFCK-26578	00840875
Gearbox I/O: K-Frame SXP	In 1080i/50hz there can be 12G-SDI video errors on certain rear Gearbox SDI I/O's.	KFCK-27532 KFCK-27530 KFCK-27303	00863450 00856174 00839647

Software Issues Resolved in Release 17.0.1

Area	Issues	ID	Case ID
Macro Editor:	Macro Editor missing names for first Keyer Value when setting bus links.	KFCK-27399	
Panel: Dissolve Rate	EMEM Dissolve Rate Local EMEM goes back to EMEM mode after pressing 'ENT' button, but Dissolve Rate is recorded in the next available E-MEM registry.	KFCK-26802	00805370 00837204
Multifunction Module: Kayenne Panel	Key Priority change from MFM displays "78" in Key Priority and panel reset.	KFCK-27220	00834591

Software Issues Resolved in Release 17.0.0

<INTERNAL RELEASE>

Software Issues Resolved in Release 16.2.6

Area	Issues	ID	Case ID
System: RTP Clock	In certain situations, the gm id for the clock can get erased.	KFCK-27345	00860378
IP I/O: K-Frame XP	DHCP Server not sending Domain Name of the DNS server can cause IP IO boards to restart.	KFCK-27318	00851060
K-Frame V, X, XP	Condition where two connections to the frame go to sleep at the same time can cause a frame crash. Solution: This is caused by KSP or Menu's running on a PC that does not have sleep mode disabled.	KFCK-27335	00857029 00851697
IP I/O: NMOS K-Frame X, XP	In certain conditions the IP I/O losses NMOS Registration	KFCK-27262	00840090
IP I/O: K-Frame X, XP	ANC Payload Type not updated from Menu to SDP file	KFKC-27475	
IP I/O: K-Frame XP	In certain conditions IP boards are visible on the XP frames but GVO NMOS does not recognize them	KFCK-27314	00849130

Software Issues Resolved in Release 16.2.5

Area	Issues	ID	Case ID
System: K-Frame X, XP	On rare occasions, communication between the Panel(s) and Menu(s) to the Frame is lost and the Frame Crashes. NOTE: Menu now only uses port numbers 6130 and 6131 to communicate with the Frame.	KFCK-27206	00836027 00843291 00845842
K-Frame XP	When switching to Operating Mode 2160p 23.98Hz the video outputs lose or distort video.	KFCK-27204	00833348 00835837

Software Issues Resolved in Release 16.2.4

Area	Issues	ID	Case ID
2DPM: K-Frame XP	In some circumstances transitioning from a 2DPM to another source can cause a visible glitch.	KFCK-27211	00837029
Key Store: K-Frame XP	Key Store does not work correctly since V16.2.3	KFCK-27196	
IP I/O: NMOS K-Frame X, XP	Routing multiple I/O board receivers reports as OK, but some inputs do not change their multicast address.	KFCK-27217	00831291
IP I/O: K-Frame X, XP	Inputs with Video, and Ancillary essences may intermittently have a line at the boom of the video. Ancillary data is not read.	KFCK-27216	
IP I/O: K-Frame X, XP	Inputs are occasionally taking hits with V16.2.2	KFCK-27208	00831389
IP I/O: K-Frame X, XP	The VPID is not present on the output when in 1080i.	KFCK-27197	
System: K-Frame XP	Video identified as a different color space (Rec2020 / Rec709) then the suite may have its color shifted.	KFCK-27186	00832964
Power Monitor K-Frame X	K-Frame X chassis using V16.2.2 (Linux) doesn't see external power supplies 1 and 2.	KFCK-27191	00833102

Software Issues Resolved in Release 16.2.3

Area	Issues	ID	Case ID
iDPM: K-Frame XP	iDPM sometimes flashes on call to on-air. Keyer Delay didn't cover flash.	KFCK-27189	
iDPM: K-Frame XP	Some configurations of cascading iDPM and eDPM can cause flashing.	KFCK-27171	00829480
IP I/O: K-Frame X, XP	RxErrorCount and TxErrorCount on occasion shows erroneous large numbers.	KFCK-27190	
IP I/O: K-Frame XP	Color space information is not always passed on correctly via ST 2110-40 ancillary data. May cause a color shift.	KFCK-27044	00821011 00831695

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Software Issues Resolved in Release 16.2.2

Area	Issues	ID	Case ID
Macros: KAYN Panel	A replace attach macro in some instances can temporarily disable the source selection buttons to the right of it on that bus.	KFCK-26781	00803299
IP I/O: K-Frame X	ST 2110-40 VPID data incorrect – it does not appear to match what is configured in the User Setups>Suite Prefs>Suite Resources>Suite Signal Type menu.	KFCK-27187	00808712
Transition Module: Korona Panel	The Korona Transition module touchscreen needs to support new TFT display.	KFCK-27139	
IP I/O: K-Frame X	ST 2210-40 VPID data incorrect – does not appear to match what is configured in the User Setups > Suite Prefs > Suite Resources > Suite Signal Type menu. Fixed for XP in V16.0.0 release.	KFCK-27057	00808712
SDI I/O: K-Frame X	In FOM 1080p-A, SDI output is sending VPID info out a second time on Line 572.	KFCK-27067	00824061

Software Issues Resolved in Release 16.2.1

Area	Issues	ID	Case ID
Macros: Bus Linking	Bus Linking Macros that create bus links are not translated from software before V16.0.0	KFCK-27137	
IS-04 & IS-05: K-Frame X/XP	Some of the IS-05 Sender and Receiver constraints are missing, causing problems with some software defined network situations.	KFCK-27063	00822968
DPM: K-Frame X	FPGA timing adjustment for DPM on some versions of the ME board. Only seen in V16.2.0.	KFCK-27136	

Software Issues Resolved in Release 16.2.0

Area	Issues	ID	Case ID
Menu:	Over time, the Menu may occasionally begin to slow down, miss information, and the memory usage may go very high.	KFCK-27061	00800357
System: K-Frame X	There are rare instances where the CPL subsystem may cause the frame to reboot.	KFCK-26853	00810493
NMOS: K-Frame X	NMOS has inconsistent NMOS label – Issue fixed in previous version of K-Frame X.	KFCK-26593	00793058
NMOS: K-Frame XP	NMOS V1.2 is missing V16.1.3. Can see the IP I/O board but no TX and RX devices.	KFCK-27050	00819587
IP I/O: K-Frame XP	Timing of the video inputs on -01 version of IP I/O boards may occasionally drift and delay the video essence. The delay may build up to multiple frames.	KFCK-26794	00804571
IP I/O: K-Frame X	The -01 version of the IP I/O board may have some video inputs drift over time resulting in multiple frames of delay. Fix for the K-Frame XP in a previous release.	KFCK-26789	00790656 00801847 00804356 00808488 00808954
Format Conversion IO: K-Frame XP	Conversion from 2160p to 1080p and back to 2160p needs improved.	KFCK-27060	
Gearbox I/O: K-Frame X/XP	MatchSync not working in SD modes	KFCK-27058	
VDCP Serial: K-Frame X/XP	May not always connect/re-connect during boot or reboot.	KFCK-27059	
iDPM: K-Frame XP	Splits and Mirrors modifier "Double Image" does not work correctly. The image may become distorted.	KFCK-27039	

Software Issues Resolved in Release 16.1.4

Area	Issues	ID	Case ID
GFX Interface: K-Frame XP	If an interface to the Xpressions graphics device is configured and the device is disabled, the switcher may lock up.	KFCK-26599	00800357
GFX Device Control: K-Frame XP	In some GFX Device configurations, switchers with IP boards may require significantly longer than normal time to boot/reboot.	KFCK-26809	00806155
iDPM: K-Frame XP	In FOM 2160p, the certain positions of the Warps: Splits and Mirrors, can cause video noise distortion of the warped image at some levels of separation.	KFCK-26940	00819535
iDPM: K-Frame XP	Where the drop shadow comes into contact with the bottom line of the screen with 2160, the background comes through. The problem occurs on the right edge of the screen.	KFCK-27038	
All boards: K-Frame XP	Video down-converted from 2160p > 1080p on the output board may occasionally flash when the video goes through certain paths in the switcher.	KFCK-27037	
iDPM: K-Frame XP	Intermittent shaking video in iDPM and eDPM. May go away with frame reboot and not return until next reboot.	KFCK-27040	00817509 00819394

Software Issues Resolved in Release 16.1.3

Area	Issues	ID	Case ID
Controller: K-Frame XP	In a few specific configurations and conditions, an error in the Controller Hardware Address Decoder (HAD) can cause the intermittent loss of output packets which will be detected as RTP sequence errors on the output video.	KFCK-26912	00814326

Software Issues Resolved in Release 16.1.2

Area	Issues	ID	Case ID
Kayenne Panel: K-Frame XP	The Kayenne Control Panel will not operate correctly due to missing files from the installer in V16.1.1 release. No other Panels were affected.	KFCK-26914	

Software Issues Resolved in Release 16.1.1

Area	Issues	ID	Case ID
IP I/O Boards: K-Frame XP	Some inputs from a LiveTouch server may have noise on PGM, PVW, or AUX.	KFCK-26871	00811427
IP I/O Boards: K-Frame XP	The IP Output may have 10ms RTP offset in 12G Mode.	KFCK-26862	00812750
IP I/O Boards: K-Frame XP	The clock for SFP 1 is shared with the other SFPs on the same IP I/O Board. If the signal to SFP 1 is lost (connection to switch lost, SFP unplugged, etc.), this may affect the other SFPs on the same board, including the redundant SFPs.	KFCK-26843	00804684

Software Issues Resolved in Release 16.1.0

Area	Issues	ID	Case ID
File System: Panel Prefs: K-Frame XP	Legal null references in some Panel Preference Files, can cause errors on loading.	KFCK-26845	

Software Issues Resolved in Release 16.0.4

Area	Issues	ID	Case ID
IS-04 & IS-05: K-Frame XP	Boards register with interface of and href of 0.0.0.0	KFCK-26804	00808400

Software Issues Resolved in Release 16.0.3

Area	Issues	ID	Case ID
GearBox and ConvIO boards: K-Frame XP	Switcher needs to recognize new versions of GearBox and ConvIO boards.	KFCK-26786	

Software Issues Resolved in Release 16.0.2

<INTERNAL RELEASE>

Software Issues Resolved in Release 16.0.1

Area	Issues	ID	Case ID
Key Store: K-Frame XP	Key Store Keyer Cutout Source has corrupted video/memory.	KFCK-26627	
IS-04 & IS-05: IP I/O Boards K-Frame XP	IP Boards occasionally publish the Secondary URL even though using Primary SFP.	KFCK-26785	
Power Monitoring: K-Frame XP	Sometimes the four power supply's reporting is incorrect.	KFCK-26626	

Software Issues Resolved in Release 16.0.0

Area	Issues	ID	Case ID
IP IO Boards: K-Frame XP	IP at edge of horizontal timing veryintermittently offsets video to left.	KFCK-26607	
IP IO Boards: K-Frame XP	Inputs on the -01 version of IP I/O Boards will occasionally delay the video essence for multiple frames.	KFCK-26794	00804571
Hot Swap: K-Frame XP	Changing I/O Board Type with Hot Swapmay require frame reset to work.	KFCK-26608	
IP IO Boards:K-Frame XP	SDP file of Senders always says SDR andcolor space undefined.	KFCK-25927	00766459
Format Conversion IO: K-Frame XP	Media Port on Conversion I/O board doesnot always initialize correctly.	KFCK-26609	
Format Conversion IO: K-Frame XP	In the FOM of 720p, the input on the Format Conversion card drops the videoby a line when MatchSync is applied.	KFCK-26610	
Image Store: K-Frame XP	On rare occasions, the Frame Crasheswhen Image Store Restore is enabled	KFCK-26611	
Image Store:K-Frame XP	Image Store Import of AVI and TGA inFOM 2160p may get an OutOfMemoryException error and silently fail.	KFCK-26612	
Image Store:K-Frame XP	In FOM of 1080i, the Image Store appears to be recording F1:F2 with onefield delayed	KFCK-26037	
Image Store:K-Frame XP	On rare occasions, the Image Store Import will fail without an error message and import will not work until the menu is reset.	KFCK-25523	
Image Store:K-Frame XP	Canceling an Image Store save or importoperation might not clean up the file directories correctly.	KFCK-25530	
System: K-Frame XP	Does not pass Active Format Descriptor	KFCK-26137	00786893
iDPM: K-Frame XP	Garbage in picture with ExtremePerspective in 2160p FOM.	KFCK-26613	
iDPM: K-Frame XP	In FOM of 720p, iDPMs are shifted up aline.	KFCK-26614	
Film Look: K-Frame XP	The Film Look parameters to not workcorrectly in some value ranges.	KFCK-26588	00798804
2DPM: K-Frame XP	2DPM Border line between video andborder when Z rotate is used.	KFCK-26615	
IP IO Boards: K-Frame XP	IP at edge of horizontal timing veryintermittently offsets video to left.	KFCK-26607	

Software Issues Resolved in Release 16.0.0 (continued…)

Timing Analyzer: K-Frame XP	Timing Analyzer should be more specific (59.94 not 59.94/60)	KFCK-26616	
Chroma Key: K-Frame XP	When in 2160p FOM, Chroma Key Auto Setup Cursor start at bottom of screen and is oval.	KFCK-26617	
PCU: K-Frame XP	On rare occasions, the PCU Configuration Alt IP stripe selection are not displayed correctly.	KFCK-26620	
SNMP: K-Frame XP	Snmpwalk – vsmNetworkConfig may fail	KFCK-26621	
SNMP: K-Frame XP	SNMP GetBulk doesn't always work.	KFCK-26622	
Editor Port: K-Frame XP	Editor Source Mapping Menu does not allow for mapping sources.	KFCK-26619	
Multiviewer: K-Frame XP	In 720P and in the Quad Layout, the video in the Multiviewer has an offset	KFCK-26618	
Wipes Menu: K-Frame XP	When changing wipe patterns on PGM ME the menu does not always update to show the wipe pattern selected, but on ME1 it does.	KFCK-26150	00793477
Panel / Menu / Frame Comm: K-Frame XP	The panel, frame, and menu would work better over longer IP connections using TCP/IP instead of RDP over UDP/IP.	Enhancement	

Software Issues Resolved in Release 15.3.3

Area	Issues	ID	Case ID
Menu: K-Frame XP	Wipes & Mattes > Patterns Menu can be non-responsive. **WORKAROUND:** Select ME 1-4 and PGM/PST point of use on menu, then use the menu normally.	KFCK-26587	00797335

Software Issues Resolved in Release 15.3.2

Area	Issues	ID	Case ID
Devices: K-Frame XP	Switcher is not communicating with AvidFast Serve DDR's via VDCP Ethernet.	KFCK-26121	00784289
PTP: K-Frame XP	Management response packet causesproblems on other interfaces. Response Packet size may be invalid.	KFCK-26022	00780982
Editor Interface: K-Frame XP	Editor interface doesn't work.	KFCK-26143	00790328

Software Issues Resolved in Release 15.3.1

Area	Issues	ID	Case ID
IS-04 & IS-05: K-Frame XP	NMOS control redundancy doesn't workcorrectly.	KFCK-26138	00788449
IS-04 & IS-05: K-Frame XP	NMOS communications disconnectsfrom server in some configurationsusing static routes.	KFCK-26131	00780988
IP IO Boards: K-Frame XP	The Switcher rejects SDP files and audiowith a=ptime:0.12 instead of a=prime:0.0125 (As done by LAWO control systems)	KFCK-26132	
IP IO Boards: K-Frame XP	2110-30 Audio is distorted in some configurations.	KFCK-26126	00785650
IS-04 & IS-05: K-Frame XP	Need Static Routes for fail over connection to Global Registry. (Need change to Eng Setup > Node Settings > NMOS Configurations)	Enhancement	00770425
Image Store: K-Frame XP	Four channels of Audio now works correctly. Record/Play Import &Export	Enhancement	

Software Issues Resolved in Release 15.3.0

Area	Issues	ID	Case ID
Frame Simulator: K-Frame XP	Default I/O Boards in K-Frame XP Frame Simulator are wrong.	KFCK-26025	
GearBox IO Board: K-Frame XP	Timing Analyzer is sometimes getting information from the wrong GearBox Inputs.	KFCK-26034	
Image Store: K-Frame XP	Movies in 2160p will save as .EIF files if they have been edited. It appears that if you trim the front and back of a movie thatit will save with a .EIF extension rather than a .ISF. This doesn't cause a problem for the K- Frame XP but may cause a problem for theother K-Frame systems.	KFCK-26036	
GearBox IO Board: K-Frame XP	Timing Analyzer is sometimes getting information from the wrong GearBox Inputs.	KFCK-26034	
IP I/O Boards: K-Frame XP	Changing Audio Stream Format doesn't always change "A" side.	KFCK-26027	
IP I/O Boards: K-Frame XP	B Side IP Audio occasionally had configuration issues.	KFCK-26029	
IP I/O Boards: K-Frame XP	Payload Type for Audio goes to "98" when you use "dot enter"	KFCK-26026	
IP I/O Boards Menu: K-Frame XP	8x4 IP I/O Boards do not show System Input/Output names in I/O Config Menu	KFCK-26031	
IP I/O Boards Configuration: K-Frame XP	"Restore Defaults" on Port Config SFPs menu can cause a loss of input video until the frame is reset.	KFCK-25924	
IP Video: KFrame XP	When GVO and/or Cisco Switches ping the Media LAN of XP Switcher it is inconsistent and pings may fail to Connect.	KFCK-25989	
IS-04/IS-05: K-Frame XP	IP node has duplicated NMOS Node IDs that can be caused by swapping boards.	KFCK-26001	
Multiviewer: K-Frame XP	There may be a dark flash at the top of the multiviewer video when Tally or Tiles are updated.	KFCK-25922	
Image Store: K-Frame XP	Image Store – Loading stills and movies of one resolution while FOM is a different resolution may corrupt the cache.	KFCK-25912	
Image Store: K-Frame XP	Image Store Loading ID's is loading slower in some circumstances.	KFCK-25520	
Input Timing: K-Frame XP	The Input Timing Analyzer is not always correct for some IO Boards.	KFCK-25922	
IP I/O Boards: K-Frame XP	Redundant Audio is not working when route is made from NMOS.	KFCK-26032	
IP I/O Boards: K-Frame XP	Ethernet Ports reporting Link/Lock Up when no SFP connected.	KFCK-26035	
Frame Simulator: K-Frame XP	Default I/O Boards in K-Frame XP Frame Simulator are wrong.	KFCK-26025	
SNMP: K-Frame XP	Default IP Addresses and Community name are not correct for SNMP values for the frame.	KFCK-9209	
System: K-Frame XP	System may erroneously report Power Supply status as present but Failed.	KFCK-26038	

Software Issues Resolved in Release 15.3.0 *continued*...

Area	Issues	ID	Case ID
System: K-Frame XP	ME and Aux timing isn't always being setcorrectly on Power Cycle.	KFCK-26028	
System Timing: K-Frame XP	H&V Phase calcs don't recalculate after2160p FOM change.	KFCK-26039	
Timing Analyzer: K-Frame XP	The Indications for the 2160p inputvideo are incorrect.	KFCK-25910	
Timing Analyzer: K-Frame XP	Timing Analyzer green bar is calculating status wrong for uSec adjustments atedge of timing.	KFCK-26030	
Timing Analyzer: K-Frame XP	Timing Analyzer occasionally displayingthe wrong information.	KFCK-26040	

Software Issues Resolved in Release 15.2.0

<INTERNAL RELEASE>

Software Issues Resolved in Release 15.1.1

Area	Issues	ID	Case ID
2DPM	Moving 2DPM off-screen or shrinking to zero size should not tally as on-air.	KFCK-25527	
IP I/O Board: K-Frame XP	Modify Stream Health Monitoring to Log changes between Stream Present / NotPresent.	Enhancement	
IP I/O Board: K-Frame XP	If the I/O card sees a DHCP message, it may zero out some IP configuration data,stopping the video stream Present / Not Present.	KFCK-25951	
IP I/O Board: K-Frame XP	SFP may occasionally drop link in 4 x 2 mode causing the output stream to belost.	KFCK-25552	00761912

Software Issues Resolved in Release 15.1.0

Area	Issues	ID	Case ID
Camera Tally: K-Frame XP	Camera Tally via XML Camera Protocol may not work for cameras without a basestation or CCU. (This includes the LDX 100)	KFCK-24271	00723412
E-MEM: K-Frame XP	The frame is giving next register instead of the next empty register to LEARN DOT. command for some register ranges.	KFCK-25911	
E-MEM & Timeline Menu	E-MEM & Timeline > Timeline Edit > E-MEM enables Keyers 5 and 6 Not Visible.	KFCK-25926	
Frame Operating Mode: K-Frame XP	1080p23.98, 2160p23.98, 1080p29.97, or 2160p29.97 may not be configuredcorrectly on boot.	KFCK-25533	
IP I/O Board: K-Frame XP	Added Output Gearbox functionality (1080p <> 2160p)	Enhancement	
IS-04 & IS-05: K-Frame XP	Need the ability to configure the Node JARVersion to V1.2 instead of V1.3 in the console.	Enhancement	
Multiviewer & ME View: K-Frame XP	Need Multiviewer and ME View Features enabled.	Enhancement	
Panel Memory: K-Frame XP	Panel Memory is not always being recalled from disk correctly in show loads orindividually.	KFCK-25923	
Signal Integrity:K-Frame XP	Occasional minor bit errors on some signalpaths.	KFCK-25914	

Known Issues

Area	Issues	ID	Case ID
NMOS Registry IPs	NMOS access to the IO cards can be affected by invalid IP addresses in the registry. To clear these invalid IP addresses, navigate on the MENU to find the invalid IP address and press '.' to clear the invalid IP address.	KFCK-27316	00847772
Clip Store	Using a Macro to stop a ClipStore recordingleaves the channel in record mode. Stoppingthe recording by pressing the menu Stop button works correctly. Workaround: Do not use Macros to stop arecording or if you do, toggle the RecordEnable 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 ison the preview bus.	KFCK-21481	00604179
Device Control	Devices at frame rates slower than 25Hz maynot be controlled correctly.	KFCK-25543	
Device Control	Sometimes after a reset of the frame, noneof the devices (except the ClipStore) are enabled in suite 2. They can be enabled manually.	KFCK-24235	
DPM: K-Frame XP	iDPM with narrow borders, borders may disappear at certain edge rotations.WORKAROUND: Slightly increase the sizeof the border.	KFCK-26042	
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 notwork the first time, reset the Frame and Menu and enter the Editor Port configurations a second time.	KFCK-21673	
Format Conversion: K-Frame XP	When FOM 2160p and using the output to adjust the vertical offset of 2160p it doesn't work in the positive direction. FOM 2160 conversion to other frame rates vertical offset works correctly.	KFCK-26041	
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%, youdon't see the change until you turn the knob up again.	KFCK-19507	
GV KoronaMenu	GV Korona menu brightness doesn't work inUser Setups > Panel Prefs > Panel User Interactions. WORKAROUND: Set the menu brightnessusing 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 betweenhot swapping boards.	KFCK-17208	
Image Store	After recording a movie, the blue progress bar may be blank until the movie is saved tocache.	KFCK-18178	

Known Issues *continued...*

Area	Issues	ID	Case ID
IO Config Menu:	If the menu application is started before the frame, the Eng Setup > Video I/O > I/O Config Menu may occasionally come up blank. The menu application must be restarted for the I/O Config menu to work correctly.	KFCK-26839	
IP I/O Board	Hot swap of IP I/O board may affect adjacentIP I/O Board.	KFCK-25542	
IP I/O Board	It takes over 30 seconds to change SFP Speed on IP cards; it will flash twice after thechange is made.	KFCK-25182	
IP I/O Board: GV K-Frame X GV K-Frame V	On some occasions, the IP i/O board may take as long as six minutes to power up froma complete powered off state.	KFCK-24378	
IP I/O Board: GV K-Frame X	On rare occasion with some Cisco networkswitches with QSFP, after a boot, the input video may be pink or green. WORKAROUND: Reset the QSFP in the Cisco network switch.	KFCK-24858	
Karrera Control Panel	DPOP of USER buttons does not work if SplitME 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 inthe Local E-MEM section.	KFCK-8249	
Kayenne Control Panel/Machine	Machine Control Module only works fromSuite 1 Surface A and/or Suite 2 Surface A.	KFCK-9933 /DE364	
Machine Control	Enabled devices that are not connected, willcontinue 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 bedelayed during a file operation in either suite.	KFCK-8505 /DE1831	00487254
Media PortInput	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 asuccessful update. WORKAROUND: Restarting the Menucorrects the issue.	KFCK-19611	
Node Settings	Joy Stick Override mapped to "None" stillselects source.	KFCK-9953/DE344	
Panel:	Panel Frame TCP connection may not always notify user if Ethernet is disconnected. Communications will recover when Ethernet cable is reconnected.	KFCK-26841	
PTP: K-Frame X	Loss of the PTP messages might not bereported since the Flywheel Reference onthe PTP Board is providing a valid reference that had been synchronous with the PTP Master Clock.	KFCK-25181	
System Timing	Sometimes internal sources are incorrectly reported as out of time.	KFCK-24868	00695116
Timing Analyzer	Color visual indicator missing onRedundant inputs.	KFCK-25545	

Contact Us

Grass Valley Technical Support

For technical assistance, contact our international support center, at 1-971-999-0894 (US and Canada) or +1 530 478 4148.

To obtain a local phone number for the support center nearest you, please consult the Contact Us section of Grass Valley's website (www.grassvalley.com).

An online form for e-mail contact is also available from the website.

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