



Grass Valley

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K-FRAME

VIDEO PRODUCTION CENTER

Release Notes Addendum

VERSION 16.1.1

13-00122-000-AO

2022-02-17

Patent Information

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K-Frame Release Notes Addendum, V16.1.1



About this Manual

IMPORTANT: V16.1.1 is only supported by the GV K-Frame XP (Video Production Center)

This document includes “Resolved” and “Known” issues for K-Frame software version 16.1.1. See the K-Frame Release Notes, version 16.1 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.

Known Issues

See page 7 for Known Issues

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 Supply Monitoring: K-Frame XP Standard PS	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 very intermittently 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 Swap may require frame reset to work.	KFCK-26608	
IP IO Boards:K- Frame XP	SDP file of Senders always says SDR and color space undefined.	KFCK-25927	00766459
Format Conversion IO: K-Frame XP	Media Port on Conversion I/O board does not 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 video by a line when MatchSync is applied.	KFCK-26610	
Image Store: K-Frame XP	On rare occasions, the Frame Crashes when Image Store Restore is enabled	KFCK-26611	
Image Store: K-Frame XP	Image Store Import of AVI and TGA in FOM 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 one field 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 menu is reset.	KFCK-25523	
Image Store: K-Frame XP	Canceling an Image Store save or import operation 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 Extreme Perspective in 2160p FOM.	KFCK-26613	
iDPM: K-Frame XP	In FOM of 720p, iDPMs are shifted up a line.	KFCK-26614	
Film Look: K-Frame XP	The Film Look parameters to not work correctly in some value ranges.	KFCK-26588	00798804
2DPM: K-Frame XP	2DPM Border line between video and border when Z rotate is used.	KFCK-26615	

Area	Issues	ID	Case ID
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 AutoSetup Cursor start at bottom of screen and is oval.	KFCK-26617	
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
Multiviewer:K-Frame XP	In 720P and in the Quad Layout, the video in the Multiviewer has an offset	KFCK-26618	
Editor Port:K-Frame XP	Editor Source Mapping Menu does not allow for mapping sources.	KFCK-26619	
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	
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	

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 Avid Fast Serve DDR's via VDCP Ethernet.	KFCK-26121	00784289
PTP: K-Frame XP	Management response packet causes problems 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 work correctly.	KFCK-26138	00788449
IS-04 & IS-05: K-Frame XP	NMOS communications disconnects from server in some configurations using static routes.	KFCK-26131	00780988
IP IO Boards: K-Frame XP	The Switcher rejects SDP files and audio with 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 that it 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 the other K-Frame systems.	KFCK-26036	
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	
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	

Software Issues Resolved in Release 15.3.0

Area	Issues	ID	Case ID
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	00774737
IS-04/IS-05: K-Frame XP	IP node has duplicated NMOS Node IDs that can be caused by swapping boards.	KFCK-26001	00778560
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	
SNMP: K-Frame XP	Default IP Addresses and Community name are not correct for SNMP values for the frame.	KFCK-9289	
System: K-Frame XP	System may erroneously report Power Supply status as present but Failed.	KFCK-26038	
System: K-Frame XP	ME and Aux timing isn’t always being set correctly on Power Cycle.	KFCK-26028	
System Timing: K-Frame XP	H&V Phase calcs don’t recalculate after 2160p FOM change.	KFCK-26039	
Timing Analyzer: K-Frame XP	The Indications for the 2160p input video are incorrect.	KFCK-25910	
Timing Analyzer: K-Frame XP	Timing Analyzer green bar is calculating status wrong for uSec adjustments at edge of timing.	KFCK-26030	
Timing Analyzer: K-Frame XP	Timing Analyzer occasionally displaying the 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 / Not Present.	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 be lost.	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 base station 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 configured correctly 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 JAR Version 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 or individually.	KFCK-25923	
Signal Integrity: K-Frame XP	Occasional minor bit errors on some signal paths.	KFCK-25914	

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	Devices at frame rates slower than 25Hz may not be controlled correctly.	KFCK-25543	
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: K-Frame XP	iDPM with narrow borders, borders may disappear at certain edge rotations: WORKAROUND: Slightly increase the size of 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 not work 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%, 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	

Area	Issues	ID	Case ID
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	After recording a movie, the blue progress bar may be blank until the movie is saved to cache.	KFCK-18178	
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 GV K-Frame XP	The clock for the Core 1 (which corresponds to SFP 1) is shared with other cores on the same IP I/O Board. If Core 1 is disabled, the may affect the other cores on the same board, including those for the redundant SFPs.	KFCK-26843	
IP I/O Board	Hot swap of IP I/O board may affect adjacent IP 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 the change 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 from a complete powered off state.	KFCK-24378	
IP I/O Board: GV K-Frame X	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	
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	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 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 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	
Panel:	Panel Frame TCP connection may not always notify user if Ethernet is disconnected. Communications will recover when Ethernet cable is reconnected.	KFCK-26841	
Panel Prefs: Button Mapping	On rare occasions, the User Prefs > Panel Prefs > Button Mapping menu performs the changes to the button mapping but the result will not be displayed until the menu is restarted.	KFCK-26595	
PTP: K-Frame X	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	
System Timing	Sometimes internal sources are incorrectly reported as out of time.	KFCK-24868	00695116
Timing Analyzer	Color visual indicator missing on Redundant inputs.	KFCK-25545	



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Corporate Head Office

Grass Valley
3499 Douglas-B.-Floreani
St-Laurent, Quebec H4S 2C6
Canada
Telephone: +1 514 333 1772
Fax: +1 514 333 9828
www.grassvalley.com