Kalypso
VIDEO PRODUCTION CENTER

Release Notes Addendum

SOFTWARE VERSION 12.0.2

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Grass Valley Web Site

The www.thomsongrassvalley.com web site offers the following:

Online User Documentation — Current versions of product catalogs, brochures, data sheets, ordering guides, planning guides, manuals, and release notes in .pdf format can be downloaded.

FAQ Database — Solutions to problems and troubleshooting efforts can be found by searching our Frequently Asked Questions (FAQ) database.

Software Downloads — Software updates, drivers, and patches can be downloaded.

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Note   The Kalypso 12.0.2 Software is being released to support new Source Name Display hardware. This software release does not contain new features or corrected issues.

Note   The Kalypso manual set has been updated to cover version 12.0 software functionality. Documentation is available for download at the Grass Valley web site.

New Source Name Display Hardware

The Source Name Display hardware used on the Kalypso 4-M/E, 2-M/E and 1-M/E Main panels and the Kalypso Remote Aux Panel has changed. The hardware previously used is no longer available. The new Source Name Display hardware is physically and electrically compatible with Kalypso systems, but may require software calibration to properly display text.

Note   You must be running Kalypso 12.0.2 or newer software to select the Source Name Display hardware type. Earlier software versions lack this feature.

Refer to the 12.0 *Kalypso Installation and Service Manual*, or the separate *Kalypso New Source Name Display FMN* provided with replacement displays, for installation and calibration instructions.

Software Issues Resolved in Version 12.0.1

Table 1. Resolved Software Issues

Area	Problem	ID
Aux Outputs	Pairing engineering output 47 48 as Aux Pair causes menu application to crash.	62832
Chroma Key	Chroma Key Auto Setup is not functioning properly.	60313
E-MEM	Using Cut removes the next KF.	62784
Machine Control	More than 255 characters in M Series directory names will cause Kalypso to crash.	63095
Macros	Macros created with software versions earlier than 12.0.0 that loaded Still Store images fail to load these images when run with version 12.0.0.	63788
Multi-Suite Mode	In Multi-Suite mode, cannot load Suite Preferences after changing suite.	63029

Software Issues Resolved in Version 12.0.0

Table 2. Resolved Software Issues

Area	Problem	ID
Double Take	If one partition of a split M/E is moved partially through a transition and then the M/E is delegated to the other partition, moving the lever arm causes that partition's transition to jump to the location of the other transition.	27736, 30511
Emergency Bypass HD/Duo Only	Sometimes when going from HD to SD Mode the Emergency Bypass button disappears.	53066
Machine Control	For E-MEMs created in 7.6.2, trimmed Profile clips do not start playing from the Mark In point.	48863
Menu Panel	When two Menu panels are in operation and one is used to change the system to Multi Suite mode, after rebooting the Frame the other menu sometimes does not reflect the mode change. Work around is to exit and reload the menu application on the other Menu panel.	26808
Router Interface	On-air Protect works only if you apply it to a router source that is on-air and tallied. If that router source is taken off-air and put back on-air the protection is lost.	34779
Still Store	Intermittently unable to perform a Still Store load more than once.	57300
Still Store (HD Only)	In 720p mode, occasionally the input source of the Still Store shows video 180 degrees out of phase. Changing to a different source and returning to the original source corrects the problem.	52421
Transform Engine HD/Duo only	Path Controls for TE Lighting are disabled.	50003
Transform Engine Classic only	On Kalypso Classic systems, the Transform Engine Kurl Slits mode rectangular shape may change when modulation pattern/amplitude is applied.	22359
Transform Engine HD/Duo only	When lighting and Kurl/Slits are enabled together, video image is corrupted.	52481

Known Software Problems

Table 1. Known Software Problems

Area	Problem	ID
Bus Linking	Bus Linking the U1 and U2 buses as masters to the A and B buses as slaves will cause undesired results when simultaneously transitioning the Primary and Secondary partitions of a split M/E. Work around is to use the A and B buses as masters when linking Primary and Secondary partition background buses.	32099
Chroma Key	When Source Memory is on, if a keyer specifying a Chroma Key is selected, but a Chroma Keyer is not available for use, Source Memory for that source reverts to Fixed Linear Key. Later, if a Chroma Keyer becomes available, selecting that keyer source produces a Fixed Liner Key, not the desired Chroma Key.	31404
Chroma Key Classic only	When using Forced Mask in a Chroma Key, turning Mask Opacity down to zero does not eliminate the key.	40313
Chroma Key Classic only	Chroma Key Coring adjustment affects all Fill video.	40387
Copy Swap	Parts of a Copy operation that are not enabled in the destination of the copy may not be recognized by MOD operations. This is especially true when copying TE data to a keyer that doesn't currently have the TE enabled. Work around: The first time you Copy and MOD, the TE will be enabled, but that data may not be transferred. If you Copy MOD a second time, the rest data will be transferred.	52305
E-MEM	E-MEM/Source Memory doesn't always properly handle Transform Engine parameters for Front/Back switching if the switch does not occur on a keyframe and the Front/Back parameters are significantly different from each other. Work around is to add a keyframe at the switch point.	11468
E-MEM	When running an effect in reverse with several pauses in the timeline, the effect will stop at the first pause and will not continue running in reverse on subsequent button presses.	19095
E-MEM	The Kalypso system does not recognize the flip/flop of buses at the end of a transition as a modified parameter. This means the Modify button cannot be used to edit an effect with these automatically selected sources, and it also affects setting up Effects Disslves. Work around is to perform the transition and then select the ending sources manually, or simply select the two sources manually without performing the transition. Once sources have been manually selected, Modify and Effects Dissolves will work.	28014
E-MEM	When Master E-MEM has multiple levels out of sync (for example, enabling one Master E-MEM level, partially running it, disabling that level and enabling another level, and then running it), and the Master E-MEM is parked at or past the end of the effect, pressing the Run button snaps all levels to the Master's current time and then the run stops because the effect is at the end. A second press of the Run button is then required to run the effect. A work around is to rewind effects manually before running them. (If the levels are already parked at their beginning, the rewind won't disturb that state.)	29836
E-MEM	When at the last keyframe of an effect with Stop Next KF on, pressing Run fails to update the Work Buffer with the first keyframe of the effect. Rewind works correctly.	44885
E-MEM	In 300 Mode the offset register indicator '^'þ does not always display on the E-MEM RT Panel display when is should. The timeline display correctly shows the offset register condition.	51108
E-MEM	Recall/Auto Run of effect sometimes does not run.	52161
E-MEM Box Mask	Box Mask control values for effects built with version 7.6.2 and earlier software are incompatible with later releases. E-MEMs that use Box mask built with these earlier software versions will need to be rebuilt on systems running a later software version.	42556
File Operations	Cancelling a load user profile operation does not revert to a pre-load state.	60696
GPI Output	If a negative value is entered for GPI output Duration, it wraps to max value. This is a problem with all UINT32 parameters from the keypad popup.	26248
Hold	Holding a crosspoint during E-MEM recalls still updates source memory.	11871
Key Priority	Keyframes and Effects Dissolves do not work on Key Priority modes. The mode is always recalled as a cut at the end of a transition.	22064
Keyer	Util 1 & 2 filling Pst Pat Border swapped for K1 and K2.	58012, 58674
Keypad Data Entry	Existing keypad values are not cleared when negative values are entered on the Main panel unless the negative key is pressed last. For example, if 5 is the starting value, pressing - 1 results in a -15 value. Pressing 1 - gives the desired -1 value.	29886

Table 1. Known Software Problems - (continued)

Area	Problem	ID
M/E Re-entry	If an effect is learned to re-enter M/E 1 into M/E 2 or 3, then another effect is learned to re-enter M/E 2 or 3 into M/E 1 in a different register, the re-entries do not swap as they should.	23395
Machine Control	Cannot roll synchronously multiple external device channels using Gang control.	48820
Machine Control	AMP Serial Protocol - If the program clip and preset clip belong to different folders, the RT Panel sometimes displays the wrong clip list.	51506
Macros	When using a macro to control several Transform Engine (TE) parameters, all the parameter changes may not be executed when that macro is played back. The TE requires processing time to calculate changes, particularly those for source space. Work around is add 2 fields of delay to the macro between each TE parameter change.	37984
Macros	Macros run from the Main panel do not perform Engineering Setup parameter changes. Work around is to run Macros with Engineering Setup changes from the Macro Menu (being sure to be logged in as the EIC).	38385
Macros	A Pre-Attach macro can cause button release to be intermittently missed. Work arounds include: If you only have a Pre-Attach macro and the button function, create a macro that has the button function and Post-Attach it to the button. Then attach the Pre-Attach macro functionality as a Replace Attach to the button. Alternatively, you can build a single macro with the entire functionality (including the macro and button function) and attach it as a Replace Attach macro. If you have a Pre-Attach macro, button functionality and a Post Attach macro, insert timing delays until the macro works reliably.	40391
Macros	Macros created to load Still Store images that were recorded into any directory other than the Default Still Store directory may not load these Still Store images after system reboot. Work around is to use Kalypso 12.0.1 software and use only the Default Still Store directory.	63031
Mask	For v12.0.0 the E-MEM default Mask setting is OFF. The default for versions before v12.0.0 was ON, because the Keyer Mask menu did not exist on Kalypso systems. E-MEMs created with earlier versions of software that employ Keyer Mask will need to be loaded and re-saved with the Mask setting turned ON for proper operation.	63851
Menu	The Menu application occasionally takes more than a minute to shut down. Though it appears to have shut down, it hasn't completed and a new Menu application cannot be started until the old one has finished shutting down. Work around is to bring up Task Manager and End the old Menu task so that you can start a new instance of the Menu.	42739
Mod All Absolute	The Mod All Absolute feature, available in the Timeline Menu, applies Transform Engine X and Y position parameter changes to all keyframes in an effect even if only one position parameter was changed.	29115
NetCentral	On failure of one or more fans in the frame, Net Central III reports an informational message that The system cooling-fans resumed normal operation.	35757
Panel	Time display often shows frames rather than seconds for Keyframe Durations.	10730
Pixelator (HD Only)	Pixelator controls do not work on Background and Utility buses on Kalypso HD systems running in 720p mode. Pixelator controls do operate on key buses, however. Work around is to put the source on a key bus clipped to full frame and pixelate the key.	54104
Preset Black	If a Preset Black transition is performed half way (black is being output), recalling an E-MEM with Effects Dissolve will show the transition on the output and then return to black.	12512
Resource Sharing	Default Keyframe stays with the physical M/E.	34251
Router Interface	Router sources do not show up on Menu or panel if router source is via a Tie line.	60080
Serial Tally	Extended character set corrupts tally name message. No character above 0x81 supported.	33844
ShotBox	Resetting the Shot Box causes Master E-MEM to recall register 00. Work round is to make sure all levels are disabled on Master E-MEM before resetting the Shot Box.	50938
Source Override	Source Override not working against source selection from menu.	35185
Still Store	Playing back a Still Store animation clip on multiple outputs causes the dropping of frames across all outputs. Playback will appear to be double speed or faster. There is no work around for this problem, except to not load clips onto more than one output.	21148
Still Store	Resetting the Still Store posts an inaccurate NO FRAME COM message on the menu. Communication with the Video Processor frame remains intact during Still Store reset. Only communication with the Still Store is interrupted during Still Store reset.	22290

Table 1. Known Software Problems - (continued)

Area	Problem	ID
Still Store	Recalling an E-MEM that loads a still to a Still Store output while that output is being saved as a file will corrupt the file. Each Still Store save operations should be allowed to complete before you use that Still Store channel for any other purpose.	56451
Still Store	Still Store directory changes are not saved/recalled via E-MEM.	57570
Still Store	Sometimes, the Thumbnail image appears as hash.	61098
Still Store	In Still Store, loop count cannot be changed while an animation is in progress. Loop count can be changed when the animation has stopped.	61206
Still Store	Marking Thumbnails, while an animation is in progress, interrupts clip playback.	61208
Still Store	In Still Store, changing to a new directory with a lot of clips causes the thumbnail menu to flash till a complete list is received.	61627
Still Store	Rapidly recalling stills using E-MEMs, Macros or manually can lock up the still store.	61628
Still Store	Cache Unload does not work intermittently.	61629
Still Store	Next button stops advancing clip/still list. Prev works ok.	61704
Still Store	Loading a still into one output can unload another output.	61966
Still Store	After turning off a Video Key pair, loading a still into the channel that was Key unloads the still in the channel that was Fill.	62307
Still Store	Doing Unlock/Uncache with outputs containing stills causes subsequent loading errors. One work around is to make sure no images are loaded on any output before performing the Unlock/ Uncache operation. Loading and then unloading a faulty Still Store output restores normal operation.	63709
Still Store	Performing a Still Store animation and a Still Store save/load operation simultaneously makes the video not play smoothly.	29993 34672
Still Store HD/Duo only	In SD Mode only, under some conditions Still Store playback can be slightly offset from its record.	41907
Still Store HD/Duo only	Still Store input vertically out of time in SD mode.	56164
Still Store HD/Duo only	Inputting an M/E to a Still Store channel that is in Show Input mode and then fading that M/E to black can cause red sparkles to appear at the top of the raster of the Still Store image.	56169
Still Store HD/Duo only	Sometimes stills unload from paired outputs when changing directory.	63479
Strobe	In Live SF Mode, when Strobe is turned on with Freeze at 100% the picture freezes.	58891
Transform Engine	For TE Rotation only a path type of Linear interpolates as a S-Linear path.	51798
Transform Engine	TE center of rotation is offset when rotating Z 180 deg	53322
Transform Engine	Sometimes Transform Engine motion is jerky when running E-MEMs.	55507
Transform Engine Classic 16:9	On Kalypso Classic systems, 16 x 9 Page Turn offset does not allow the page turn effect to complete.	30558
Transform Engine HD/Duo only	Defocusing an image causes a vertical line of non-focused pixels on the left edge of the image. Work around is to crop the image.	52299
Transform Engine HD/Duo only	Some combinations of Transform Engine Lighting with the Kurl. Ripple mode create a moiré pattern in the lighting.	52482
Transform Engine HD/Duo Only	On some systems horizontal lines flash across Transform Engine.	51561
Wipe	Wipe scaling problem. Wipes appear on screen after the transition has started and complete before the transition panel has finished its transition.	11641