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Kalypso
VIDEO PRODUCTION CENTER

Release Notes Addendum

SOFTWARE VERSION 12.0.0

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NOVEMBER 2005

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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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Software Issues Resolved in Version 12.0.0

Table 1. 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

Software Issues Resolved in Version 11.1.0

Table 2. Resolved Software Issues

Area	Problem	ID
Chroma Key HD only	Chroma Key Flare Suppression controls are reversed between Key 1 and Key2 and between Key 3 and Key 4.	50548
Defocus/Glow HD/Duo only	Defocus and Glow are shifted one line down.	53060
Machine Control	Rewinding a timeline that has keyframes to load and play a clip fails to recue a clip that has already been loaded.	54922
Menu	The category selection buttons at the bottom of some menus can be turned off. This does not affect menu operation, however.	56068
R-MEM	Changing R-MEMs does not update the source name displays on the Local Aux Panel.	52357
Still Store	Stills captured on a Kalypso HD/Duo system running in SD 525 mode and loaded into a Kalypso Classic system have a few pixels of blue along the entire right side of the image.	50793
Still Store	Scroll lock button missing from the Still Store clip list menu.	51498
Still Store	Intermittent failure to load clip to output.	55342
Still Store	Loading a Video/Key image into an even-numbered channel can lock up the system.	56019
Still Store	No longer valid information regarding load status, etc. can be displayed longer than required.	56500
Still Store HD/Duo only	An incorrect error message (insufficient cache memory) is displayed when the wrong format is selected for a Still Store load.	56498
Sync/Timing Menu HD/Duo only	The pop-up menu displays reference sources to select from as Engineering Source IDs, but they should be frame BNC connector numbers.	56021
Transform Engine HD/Duo only	Drop Shadow softness controls do not create smooth edges when set at 0.6 > 1.2%.	51605

Software Issues Resolved in Version 11.0.3

Table 3. Resolved Software Issues

Area	Problem	ID
Menu	Touching the Home button on the Macro/Catalog/E-MEM screen crashes the Menu application.	53719
Menu	Touching the Home button on the Keyer/Mode/Chroma Key screen when a data pad is open crashes the Menu application.	53792
Menu	Touching the Home button on the Eng Setup/System/Aux Panel/Add Aux Panel/Aux Panel IP screen crashes the Menu application.	53875
Menu	Selecting a Router Source in the R-MEM Router Select menu can crash the menu application.	54141
Menu Transform Engine	Accessing a Transform Engine menu when Transform Engines are not installed crashes the Menu panel.	53867
RGB Correction HD/Duo only	Though RGB color correction is enabled in software options, it is not enabled in the menu.	53443

Software Issues Resolved in Version 11.0.2

Table 4. Resolved Software Issues

Area	Problem	ID
E-MEM	If an E-MEM is recalled with Auto Run on, system becomes unresponsive to other panel and menu commands till the run is complete.	53088

Software Issues Resolved in Version 11.0.1

Table 5. Resolved Software Issues

Area	Problem	ID
Shot Box	Auto Run on the Shot Box runs intermittently. It seems to work more reliably when all levels are enabled, and less reliably when only one level is enabled.	31983

Software Issues Resolved in Version 11.0.0

Table 6. Resolved Software Issues

Area	Problem	ID
Aux Bus	Mapping a Remote Aux panel to none causes source 1 to be selected.	51193
Bus Linking	Bus Linking doesn't work immediately after creating a KF effect.	48718
Bus Linking	Aux controlling bus links can not be disabled or broken from "Display all links" Bus linking menu.	50202
E-MEM	Can't trim keyframe durations.	41558
E-MEM	Macro recall of E-MEM turns off Auto Run.	47727
E-MEM	After changing path type, saving and loading EMEM reverts back to previous values for the global transform path controls.	49891
E-MEM	Occasional hesitation in running sequences and frame overruns.	51250
E-MEM	Loading E-MEMs can send out CPL commands to External DVEs.	51858
GPI	A negative GPI output Duration value can be entered, causing the relay, if tested, to close and not open unless the duration is reprogrammed and retested.	26248
Keyboard	Menu doesn't always accept the negative (minus) key from the external keyboard.	41776
Machine Control	Jog is not frame accurate on Profile DDRs controlled with BVW-75 protocol.	31176, 29707
Machine Control	Machine control menu exhibits a delay up to 3 seconds whereas the Main panel works fine.	50859
Machine Control	The menu does not remember the currently selected device when exiting and re-entering the Ext Devices->Event List menu.	51729
Machine Control	In External Devices->Enable menu, sometimes, you cannot enable and disable individual devices.	51777
Machine Control	Profile Clip names starting with # cannot be controlled from the External Devices control menu.	52020
Macros	Can't select internal test signal type by Macro.	39812
Macros	Macros do not "play" E-MEM editing functions.	46979

Table 6. Resolved Software Issues - (continued) - (continued)

Area	Problem	ID
NetCentral HD/Duo only	In Software Options Description, #11 for No. Of Inputs does not display a number.	43030
Shot Box	Shot Box RUN command may cause field over run or system lock up.	50936
Still Store	Under certain conditions, Show Input on SS-1 takes SS-2 to green.	47425
Still Store	Some controls on the Non-Delegated Still Store channel reacts to another channel's commands.	48341
Still Store	Loading a sequence of stills, then using an E-MEM to recall them in successive frames does not produce smooth animation.	49591
Still Store	Fence area is applied to any grab/record and is not channel dependent.	51336
Still Store	After a save operation, the clip sometimes does not show up.	51481
Tally	Utility Bus doesn't tally when used in User Trans.	49194
Tally	On the secondary partition for a wipe, base and wash tally if the fill source is a Utility bus even if the border is not on.	51842
Transform Engine HD/Duo only	Changing Modulation H Pattern stops V modulation speed.	47936
Transform Engine HD/Duo only	TE Kurl Mode - Modulation Speed doesn't work if opposing direction has Random as Modulation Pattern.	49091

Known Software Problems

Table 1. Known Software Problems

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
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
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

Table 1. Known Software Problems - (continued)

Area	Problem	ID
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
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
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
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

Table 1. Known Software Problems - (continued)

Area	Problem	ID
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
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 EMEMs, Macros or manually can lock up the still store.	61628
Still Store	Cache Unload does not work intermittently.	61629
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	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
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 EMEMs.	55507

Table 1. Known Software Problems - (continued)

Area	Problem	ID
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