

Zodiak

DIGITAL PRODUCTION SWITCHER

Release Notes Addendum



SOFTWARE VERSION 4.0.2

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Contacting Grass Valley

Region	Voice	Fax	Address	Web Site
North America	(800) 547-8949 Support: 530-478-4148	Sales: (530) 478-3347 Support: (530) 478-3181	Grass Valley P.O. Box 599000 Nevada City, CA 95959-7900 USA	www.thomsongrassvalley.com
Pacific Operations	+852-2585-6688 Support: 852-2585-6579	+852-2802-2996		
U.K., Asia, Middle East	+44 1753 218 777	+44 1753 218 757		
France	+33 1 45 29 73 00			
Germany, Europe	+49 6150 104 782	+49 6150 104 223		

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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 Release 4.0.2

Table 1. Resolved Software Issues

Area	Problem	ID
Keyer, Mask Opacity	Keyer Opacity control on M/E affects Mask Opacity. Forced Mask cannot be disabled but can be set to zero.	50978

Software Issues Resolved in Release 4.0.1

Table 2. Resolved Software Issues

Area	Problem	ID
Button Mapping	The Pgm/Pst icon is missing from the Button Mapping menu on 2.5 M/E systems.	50435
Menu Event List	On Original Menu panels only, the External Device Event List menu defaults to the first device in the list regardless of which device was selected before exiting the menu.	49894
System	Loading an E-MEM or Default KF created with version 3.1.1.5 software can make the frame become non-responsive (that specific software had a version labeling error). Files created by other versions of software do not exhibit this problem.	50528

Software Issues Resolved in Release 4.0.0

Table 3. Resolved Software Issues

Area	Problem	ID
Bus Linking	Bus Linking to a DPM controlled source not fully excluded.	28924
Bus Linking	When an E-MEM Bus is slaved as a linked bus, Bus Link is Enabled, and the keyers on the slaved Bus are selected for Key Drop, the keyer's ON / OFF States do not properly recall with E-MEM.	41717
DSK	Performing a mix using the DSK link causes the DSK to cut on at the end of the transition instead of mixing on.	26775
E-MEM	Loading E-MEM while it is running can disrupt communications. Loading an E-MEM that is currently running may temporarily disrupt panel and menu communications until the E-MEM is fully loaded. This is particularly a problem with very long E-MEMs.	40292
E-MEM	Intermittently, Copy and Paste operations on keyframes using the clipboard do not include Pause information.	45004
Macros	There is a 1/3rd second delay when recalling macros from some IBM/Hitachi frame hard disks.	48296
Menu on PC	Menu on PC sometimes requires multiple clicks to select some buttons.	40134
Menu Mattes	Wash matte colors do not update in the menu.	38748
Menu Remote Aux Panel Button Mapping	When doing source button mapping for a Remote Aux panel, assigning None to a shifted source causes the menu to display None for all sources if you leave and return to the menu. The actual sources have not changed, only the names shown. This problem does not occur when mapping Local Aux panels source buttons or when mapping unshifted source buttons.	41219
Menu Transform Paths	Transform Paths do not activate upon menu call-up.	24247
Router Interface	The Router Interface can use up all the frame network sockets, which can prevent control panels from connecting to the frame.	48612
Serial Ports	Can assign 2 different types of devices to the same serial port if you have multiple PBus devices assigned.	39737
Still Store	The clip name, number, and length do not always appear when selected and the numbers are not always accurate.	22296
Still Store	Still Store images can only be deleted with Still Store channel 1 delegated.	26520
Still Store	When Show Details is selected, a running animation does not immediately respond to Rewind, Stop, or Play button presses. The animation continues playback and the time cursor is not updated in real time.	29899
Still Store	A single keyframe E-MEM effect with a Still Store clip specified does not run when recalled if the Auto Run button is on. If the Auto Run button is off, the clip will run when recalled.	30363
Still Store	Some stills in the cache remain locked even though they are not loaded to an output.	39659
Still Store	After recording a clip that has not been saved, the Rew/Play controls remain grayed out.	44914
System	When an external device is connected to a serial port, under certain conditions the frame may lock-up.	47942
Tally	If TE Keyer size is close to zero or zero, the tally stays On Air.	24301
Tally	After a tally calculation name has been entered it cannot be cleared.	39493
User Prefs	When loading an older version of user preferences, the DPOP settings are not set to NONE.	49364

Known Software Problems

Table 4. Known Software Problems

Area	Problem	ID
Button Tally	When loading E-MEMs from version 2.0 or earlier, source selection buttons on the M/E 3 Pgm Pst buses can stop reporting their tally status. Sources can still be selected but the button for the current source is not illuminated. This does not occur on other M/Es, or on the Keyer buses of M/E 3. Workaround is to reset the Main panel.	47854
E-MEM	When using Auto-Run to run a timeline with the Reverse button enabled, E-MEM will cut to the first keyframe of the effect, then pop to the end of the effect and begin running backwards instead of just popping to the end of the effect and running backwards.	17398
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	Playing back an E-MEM timeline and jogging through the effect can sometimes produce different results. Workaround: Instead of using the jog knob to preview an effect, use the E-MEM run command to see how the effect looks.	23221
E-MEM	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
E-MEM	When performing a E-MEM register operation on the Register Operations menu, the PUT button is available but only highlights every other time when it should. Workaround: Ignore the tally state; the button performs normally when pressed.	23610
E-MEM	Numeric "ENTER" is treated as a relative modification for E-MEM mod operations.	39273
E-MEM Timeline Menu	On the E-MEM Timeline menu, the Enable level buttons do not delegate the same levels that you enable. The main control panel Enable Buttons do enable the delegations. Workaround: On the E-MEM Timeline menu, always delegate each level after you enable the level or use the Enable Buttons on the main control panel.	25450
Editor Interface	When using the 560 Mhz frame processor, whenever a command is sent to Zodiac from the edit controller there is a flash on the program output. When in Edit or Preview mode from the editor the transform engines will flash until edit is locked, then the problem will clear itself. So the problem will not be a part of the edit but will only be seen during the pre-roll and post roll. This problem is not seen with the 1 Ghz frame CPU.	40612
Freeze Fill	When key mode changes during source change, the keyer stays in freeze mode.	17424
Glow	After doing Clear Work Buffer on a Keyer with Glow, the first time Efx Send is turned On the key will flash.	49498
M/E	If a keyer is being processed through a Transform Engine on an M/E, selecting a re-entry source on PGM can cause a one field color shift of the keyed signal on PGM. The same color shift also appears on PST.	51775
Macros	Clearing NV Memory does not clear Macros.	50589
Net Central	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. Clicking on the fan button in Net Central will correctly show which fans are operational and which fans are not. Whenever this fan message appears in the message window, the fan button should be checked to ensure all fans are operational.	35757
NetCentral	Successful installation message is displayed immediately following an error message while trying to install the new NetCentral III Kalypso/Zodiac Provider.	39702
Path Type	After changing path type, saving and loading E-MEM reverts back to previous values for the Global transform path types.	49891
Shot Box	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

Table 4. Known Software Problems - (continued)

Area	Problem	ID
Still Store	Video Dropouts on still store image load.	12137
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 workaround for this problem, except to not load clips onto more than one output.	21148
Still Store	Glitches can appear in still or playing animation if the Still Store is simultaneously doing a save or load operation.	29993
Timelines	Timeline events for controlled external devices are ignored if keyframe duration < 1 frame. Workaround: For Timeline events that are used to control external devices, the minimum key frame duration between the events must be 1 frame or longer. The operator should change their E-MEMs so that the key frames for events that control external devices are at least 1 frame apart.	41599
Wipe	E-MEM effects from releases before V3.0 that use a box generator as a preset pattern source may not preserve the same box size. They will need to be recalled and the size of the preset pattern box generator adjusted before they will work properly.	35225