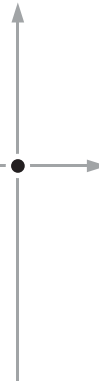


Maestro

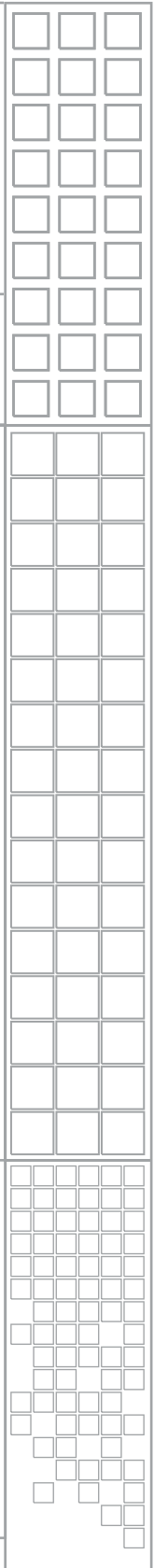
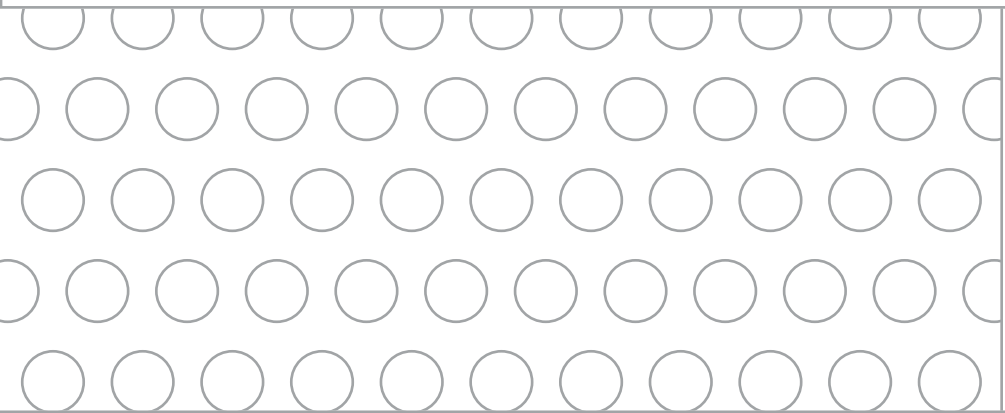
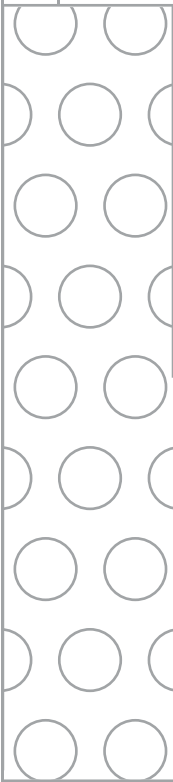
MULTI-FORMAT MASTER CONTROL

Release Notes Addendum



SOFTWARE VERSION 1.3

071850703
August 3, 2007



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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.

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Grass Valley's innovation and excellence in product design also extends to the programs we've established to manage the recycling of our products. Grass Valley has developed a comprehensive end-of-life product take back program for recycle or disposal of end-of-life products. Our program meets the requirements of the European Union's WEEE Directive, the United States Environmental Protection Agency, and U.S. state and local agencies.

Grass Valley's end-of-life product take back program assures proper disposal by use of Best Available Technology. This program accepts any Grass Valley branded equipment. Upon request, a Certificate of Recycling or a Certificate of Destruction, depending on the ultimate disposition of the product, can be sent to the requester.

Grass Valley will be responsible for all costs associated with recycling and disposal, including freight. However, you are responsible for the removal of the equipment from your facility and packing the equipment to make it ready for pickup.



For further information on the Grass Valley product take back system please contact Grass Valley at + 800 80 80 20 20 or +33 1 48 25 20 20 from most other countries. In the U.S. and Canada please call 800-547-8949 or 530-478-4148, and ask to be connected to the EH&S Department. Additional information concerning the program can be found at: www.thomsongrassvalley.com/environment



Maestro Release Notes Addendum

Problems Corrected with Release 1.3

CR	Problem	Area
66992	When some embedded audio sources were selected, there was no metering on the GUI control panel. Audio transitions were cut even if cross-fade was selected. This has been fixed.	Embedded audio
67462	Output Protect was not available for CM-4000 serial connection or VM-3000. This has been fixed.	Output protect
67888	If Jupiter switched router outputs feeding Maestro to sources unknown to Maestro, Maestro would not refresh those outputs properly. This has been fixed.	Jupiter
70351	When using the Deployment Control Center to reset a hardware control panel, the panel appeared to be frozen (audio meters freeze, buttons and displays stay lit). The control panel now goes to a not connected state where the meters don't show anything and the buttons and displays aren't lit.	Deployment Control Center
71182	Save/Recall function was not available. This has been fixed.	Control panel
71447	The PREROLL TAKE button on the hardware control panel was inoperative. It now operates the same as the TAKE button. (The machine control function is not presently available.)	Hardware control panel
71448	During a transition, only the initiating Control Panel illuminated its TAKE button. All Control Panels delegated to that channel now indicate the transition by properly illuminating the TAKE button.	Multiple-control panel systems
71785	When only audio mono group outputs were defined there was no audio output. This has been fixed.	Mono-only configurations
72240	Maestro now protects associated router outputs controlled by Jupiter CM-4000.	Jupiter CM-4000 systems
73227	During automation control, source assignments were being made but not selected. This has been fixed.	Automation
74101	Selecting a source directly on the Program bus ("hot take") no longer causes a disturbance in the Program video signal. Selecting a source on the Preset Bus no longer causes a disturbance in the Preset video signal.	Video
74553	Clicking a mix monitor point multi times did not change the title. This has been fixed.	Audio
75149	During automation control, extended Maestro command MAESTRO_TAKE within a Sequential Transaction Queue became stuck in the queue causing failures of subsequent commands. This has been fixed.	Automation
75687	When using embedded audio with two audio pairs, the first pair was processed properly but the second embedded audio pair, which was a Dolby E signal, was not. This has been fixed.	Embedded audio

CR	Problem	Area
75798	Pressing two PGM or PST buttons at the same time sometimes caused both buttons to remain lit. This has been corrected.	Hardware control panel
75850	Switching from an embedded source to an AES source back to the embedded source resulted in no audio output; video was tallied and switched properly. This has been corrected.	AES/embedded switching
76370	LAN communication to Jupiter CM-4000 occasionally failed on startup. This has been corrected.	Jupiter CM-4000 systems
78479	Frequently needed to click "Refresh" to remove "Apply Pending" following a "Select and Apply" command. This has been corrected.	Deployment Control Center
78600	Non-synchronous keys were not indicated on the control panels. This has been corrected.	Control panels

Problems Corrected with Release 1.2

CR	Problem	Area
66801/ 67397	GUI audio meters would occasionally freeze and quit updating with current meter data.	GUI
67400	A Dolby 5.1 audio group can now be selected for monitoring.	Dolby 5.1
67433	Native Protocol now supports redundant System Controller Boards.	NP (Encore)
67456	GUI meters, clocks, and segment timers would occasionally freeze due to two instances of MCPanel.exe running simultaneously. Two instances are now prevented.	GUI
67462	Output Protect is now functional with Encore and with Jupiter CM-4000 ES-LAN connections. (Not available for CM-4000 serial connection or VM-3000.)	Output protect
67728	Cross fade (dissolve) transition is inhibited by false non-sync indication (when sources are actually synchronous). This has been fixed.	Control panel
68115	If status from Jupiter to Maestro is interrupted because of disconnected cable, when cable is reconnected Jupiter will not re-send status until a new switch is executed. This has been fixed.	Jupiter
68162	Error LED on Frame Processor board behaved inconsistently. This has been fixed.	Frame processor
69133	Time clock was jumping around; hours, minutes, sec were not changing but frames were.	Clock, segment timer
69228	Monitor Potentiometer is now graduated in 0.5 dB increments instead of 0.1 dB increments.	Control panel
69535	Text on GUI panel buttons was limited to approximately 6-8 characters because the text did not wrap to a second row. Resolution: PGM buttons now wrap text that does not fit on a line. In wrapping, the following characters are given priority in defining a break point: space, dash, underscore, uppercase following 2 or more lowercase characters. If none of these are found, the button caption is broken in the middle (up to a maximum of 16 characters).	GUI
69658	GUI and hardware control panel audio meters didn't always show the correct data for the selected source. This has been fixed.	Audio metering
69661	When audio mix was selected, only one channel of audio meters was shown. This has been fixed.	Audio metering
69662	The soft label associated with current monitor source selected on the audio panel (first soft button) didn't update properly all the time. This has been fixed.	Audio monitoring
69845	Audio modes (left-only, right-only, mono, channel reverse, etc.) were not being saved in memory properly. This has been fixed.	Audio modes
69855	On the Audio subpanel (Hardware Control Panel), the Mix displays indicate numerical values even when no source is selected and no adjustment is possible. The displays are now blank when no source is selected.	Audio controls

CR	Problem	Area
69897	Making any change to the "Folder" field in the Configuration box of the Deployment Control Center menu, including re-selecting "C:\Thomson," deleted all files in that directory. This has been fixed.	Deployment Control Center
69898	Users can now copy a configuration file (.xml file) from the Frame Processor board to a PC, edit the file, and copy the file back to Maestro. To retrieve a global configuration from a board, go to the Deployment application, right-click on the global configuration file name on that board, and follow the prompts. CAUTION: uploading a configuration from a board will overwrite existing configurations with the same name.	Configuration
70464	Clicking on "Reset" now displays an "Are you sure?" message.	Deployment
70678	Phase indicator is now working on GUI audio meters.	GUI
71745	Video Clean Feed Outputs had the wrong audio embedded. This has been fixed.	Embedded audio
71984	Embedded audio PGM output is now recognized by Vibe.	Embedded audio

Problems Corrected with Release 1.1

CR	Problem	Area
66759	Clean feed output does not fade to black. This has been corrected.	Video
67028	In the RCS Connection Table, Protocol column, if the mouse is used to open the drop-down menu the keyboard cannot be used to type in the entry. This has been corrected.	Configuration
68162	The Error LED on the frame Processor board is does not seem to operate consistently. This has been corrected.	Processor
68382	Control panel LCD button displays may be black following initialization. This can be cleared by making a new selection. This has been corrected.	Control panel
68485, 68435, 68672	Time required for channel delegation is inconsistent. This has been corrected.	System

Known Problems/Limitations

As with any software package, some problems and/or limitations remain. Many of these are known and are detailed below. Please note that the following description of these issues is not an agreement to correct or modify them.

CR	Problem/Limitation	Area
66442	In the Network Description table, LAN IP Address field, when selecting the field for editing there is padding at the end that should not be there. "Delete" must be selected twice to remove the last digit.	Configuration
66802	Video overlays in GUI control panel sometimes go black. This can be fixed by maximizing and then minimizing the overlay screens.	GUI
68286	Changes made to the Input Set, compiled, and downloaded to the frame Processor are not reflected in the GUI Source Assign panel unless the GUI application is restarted.	GUI
70645	Changing the type of a background button (for example, from operator to fixed) in the configuration is ignored unless an nvRamClear is performed. The nvRamClear button is located on the Deployment Control Center screen.	Configuration
71047	Loss of router status mutes all audio channels.	Audio
78612	On the GUI Audio Sub Panel, when the "OPT" button is selected: Phase, Balance, and Level sliders are present but changes do not take effect and the sliders snap back to the previous settings.	GUI
78613	On the GUI Audio Sub Panel, when the "OPT" button is selected, a "Brightness" slider is displayed but does nothing.	GUI
	GUI/Deployment PC screen may shift to a lower resolution such that lettering is difficult to read. Workarounds are 1) on the GUI display, maximize and then minimize the video overlay screens by double-clicking on the screens, or 2) exit and restart the GUI application, or 3) run the "C:\Avitech\4iVP\4iVP\program-1\active.exe" application: go to the CheckBox screen; select "Settings > Set Output Mode > 1600x1200" (NTSC or PAL as appropriate); then close the CheckBox and restart the GUI application. The "active.exe" application can usually be accessed using the "VP Shortcut to active" icon on the desktop.	GUI/Deployment PC
	The Installation and Service manual for software version 1.2 contains an error in the section entitled "Setting Maestro Control Panel (if present) facility LAN port" (this section begins on page 86 of manual 071842301 dated January 15, 2007). In the figure showing the configuration menu, the "file name" is incorrectly shown as "vxWorks_reboot." This should read "vxWorks." Similarly, in the section entitled "Setting Maestro Frame Channel LAN 1 port(s)" (page 88), in the figure showing the configuration menu, the "file name" is incorrectly shown as "vxWorks_reboot." This should read "vxWorks."	Documentation

Functions Not Presently Available

This table lists functions not otherwise described under “Known Problems/Limitations.”

Area	Function
System	Branding engine option not available
System	Bus tally not available for Encore-controlled systems
System	VBI configuration not available - pass-through only
System	Black hold not available
System	Audio/Video breakaway is not available
System	Master control log file not available
Video	Multiplicative keying not available (keys are additive only)
Video	HSL key adjustment not available
Control panel	VGA (Audio Control) display brightness memory not available

