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MASTERPIECE V3.10 R1

SD, HD, 3G and 4K UHD Master Control Switchers

Release Notes

2022-12-05

www.grassvalley.com

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Masterpiece Release Notes

Overview

The *Masterpiece V3.10 R1 Release Notes* includes lists of new features and enhancements, bug fixes, as well as known issues and limitations associated with the latest version of the Masterpiece software.

New Features, Enhancements, and Bugs Fixed

The following is a list of Masterpiece features and enhancements. The most recent items are marked with a star (★) symbol.

Masterpiece 3.10 Release 1

New Features and Enhancements

- ★ On the External GUI, the Mainframe login page now shows the mainframe's SD/HD or UHD configuration..
- ★ Panel Crosspoint displays now auto-size and intelligently wrap text. This can be disabled by going to Panel Config menu 8895 and turning on 'Classic xpt Mnemonics.
- ★ KMP Clip Preview Player now supports SWS files and Sub-Clips.
- ★ Added RollCall control (on the Interop menu) to disable ST2110-31 audio support **Note**: ST2110-31 should be disabled when using the IPRA router controller.

PLEASE NOTE: When upgrading the four IP modules, it is recommended that the "Boot Fail Recovery" mode is turned off (Menu 8731). It should be re-enabled once the upgrade is completed.

Bugs Fixed

- ★ Panels with a large number of attached Macros could fail to show all Bitmaps.
- ★ When changing Layouts on a UFB panel, it was possible inadvertently to load a Snapshot attached to the same Layout button.
- ★ Using Resave on a UFB Numberpad would lose the Effects Dissolve setting.
- ★ Switcher States could not be set as Default startup state.

Masterpiece 3.9 Release 1

New Features and Enhancements

- MSP updated to version 4.1 incorporating an expanded new-look K-Manager Pro which now includes a Clip player giving a function to trim clips and forward them to a K-Watch service for conversion and direct uploading to a Mainframe (where licensed).
- New K-Manager Pro option to run stand-alone on a PC rather than as a shared service. This can be used when there are certain local IT restrictions for running Windows Services. In this mode the Watch and Mirror instances would only run when the KMP app is running. Select required mode during installation on PC.
- Panel Operating System update.
- Masterpiece IP: Eng Config input menu now gives an indication of IP video timing.
- When no reference is present, persistent messages are now sent to any connected panels.
- Masterpiece IP: The RTP payload settings can now be set in RollCall.
- Masterpiece IP: Software updated to version 17.3.
- Enabled access to Ross Talk protocol.
- Shadow Mainframe can now inhibit Still/Clip Store files from Disc Synchronization.
- Added the ability to set a DMEM as the Startup state.
- UHD down-conversion to 1080p now available on Format Fusion engines allocated to outputs.
- GPO output User Bit options added for Audio Silence and excessive audio level indication.
- Added 256 more virtual GPIs to connect macros to and 256 more virtual GPOs to trigger them from. Giving a total of 512 GPIs and GOPs.
- K-Manager Pro: Watch now converts ProRes444 HDR clips to Masterpiece Store format.
- If a Panel has previously been running Kahuna or Kula software, a new system now added on logged-off Menu 08 allows switching between different products or the previous version of Masterpiece software.
  Note: If a previous version does not have this feature, you will not be able to change back without performing a panel upgrade.
- Double clicking a value on a GUI Menu will bring up the Pop-UP to change the setting.
- Masterpiece IP: Interoperability added for Lawo VSM NMOS.

Bugs Fixed

- Button Maps edit could occasionally show wrong crosspoints in list.
- Panel Fader selection not saved in Panel Config or Switcher States.
- Improved status reporting for different variants of PSU.
- USB sockets on mainframe could fail.
- GUI menus could freeze performing certain keystrokes.
- KMP Mirror could appear to fail to transfer files greater than 2GB.
- Crosspoint buttons showed unshifted source colours when latched in Shift-Mode.

- .mov files with embedded alpha channels converted using K-Manager Pro could exhibit key level discrepancies.
- Switcher States saved on MSP could be incorrectly time-stamped.
- GUI faders could fail to show correct LUF values or SILENT indication.
- Masterpiece IP erroneously showing "Unknown" video standard on inputs 21 & 22 on Eng Config inputs menu.
- Some IP settings not saving correctly.
- KMP: When converting content with a key channel, any chroma data is now removed from the key channel.
- KMP: Creating a clip from a sequence of stills could fail to embed associated audio file.

Masterpiece 3.8 Release 5

Bugs Fixed

- Prevented potential panel lock-up that could occur when switching between mainframes.

Masterpiece 3.8 Release 4

New Features and Enhancements

- Added Support for MBE (Base Card) Mod level 3.

  Note: If the mainframe MBE has Mod Level 3 then do not downgrade to below this software version.

Masterpiece 3.8 Release 3

New Features and Enhancements

- On a MAV remote and MSP, the Crosspoint and Transition controls are now shown on the Network Mainframe Status page when enabled.
- Panel Operating System update.
- MSP now supports multiple IP addresses on network interfaces.

Bugs Fixed

- Motorized Panel faders could fail to reflect true values.
- CPU temperature monitoring could occasionally show the actual value plus an additional 5°C causing the fans to run faster than usual.

Masterpiece 3.8 Release 2

New Features and Enhancements

- Multiple audio channel support added to Masterpiece IP allowing Spigots to be configured in either 1x16 channels, 2x8 channels or 4x4 channels. Spigots in 2 or 4 flow

mode can subscribe to more than one audio sender. Input and Output channels can be shuffled in any order on each spigot.

- Support added for ELO 1502L-2UWC-1-G Touch Screen
- Masterpiece output names can now be read by NMOS devices.
- If a Panel has previously been running Kahuna or Kula software, a new system now added on logged-off Menu 08 allows switching between different products or the previous version of Masterpiece software. (Note: if a previous version does not have this feature you will not be able to change back.)
- Visca control menus can now set the Video Standard of GRASS VALLEY PTZ 35X HD cameras.
- When the Panel Network Mainframes Status menu is active, a second touch of the connected mainframe does not take control.

Bugs Fixed

- In certain circumstances users could experience a problem logging in due to spurious "Upgrade in Progress" message.
- Macro Cache not working and deleting a Macro and then re-creating a new file would lose the attachment on a panel.
- On a MAV panel, if network connection needed to failover to a redundant ethernet connection, the panel could lose the Gateway.
- Unable to change Button Color settings from external GUI on a MAV panel.
- ST-352 payload not forwarded on IP sources.

Masterpiece 3.8 Release 1

New Features and Enhancements

- New login menu. When enabled for a panel (in logged off menu08) this "Network Mainframe Status" menu shows all mainframes configured for that Panel after logging into a selected Mainframe. From there you can either change to another mainframe or take control of the selected mainframe. The External GUI is connected to whichever mainframe is selected.
- New Mirror added to K-Manager Pro giving the ability to sync Masterpiece Mainframe files between Mainframes and a Master record on a PC file system, or simply to upload files from a PC file system library to one or more mainframes. Included is also support of Backup/Restore to a PC file system.
- Changes to the Visca Camera Control Protocol menu giving control of more parameters and allowing improved cloning of functions onto Panel buttons in Multi-camera systems.
- The external GUI Log Off button location can now be configured from menu 8731 so that it can be present in the Home menu (1) tree or only in the Defaults menu (80). This setting is stored locally within the panel and then applies to any mainframe the panel logs into.
- Default Gateway added to Panels.
- MSP now allows Macro and Clone attachment to crosspoint busses on the virtual panel.

- IP Aux panels now have manual software upgrade button on Menu 8871 to avoid conflict when an IP address is present in more than one panel. Check this menu page when upgrading panel software - a software mismatch is indicated in red and the new button will appear. It will not appear if no mis-match exists.

Bugs Fixed

- SWP08 router xpt and Destination not showing correctly on Macro Edit page.
- MSP Saving Timestamp Incorrect.
- MSP failed to update clock settings.
- Redundant Mainframe failed to sync all files when 'On Connection' selected.
- IP Aux panels could fail to load Macro and Clone attachments when logging in.
- MSP Button Info Functions not working.

Known Issues and Limitations

The following is a list of known issues and limitations associated with Masterpiece V3.10 R1.

- None.

Grass Valley Technical Support

For technical assistance, contact our international support center, at 1-800-547-8949 (US and Canada) or +1 530 478 4148.

To obtain a local phone number for the support center nearest you, please consult the Contact Us section of Grass Valley's website (www.grassvalley.com).

An online form for e-mail contact is also available from the website.

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