

Ultra 60 9.2.1

Welcome to the Ultra 60 Release Notes. Please read this document to find important information on areas of Ultra 60 that may not be covered in the user documentation.

v9.2.1 (December 2025)

What's New

- CR-6618 — Add support for HyperMax Licensing (MaxLicense).

Bugs Addressed

- CR-348 — Memory inclusions now work on a per-slot basis and respect MultiPanel permissions.
- CR-687 — VITC support on HD.
- CR-5610 — Always show all IO Groups in CC Input FSFC Assign events.
- CR-5614 — Fix glitch in Clip Player where clip would be shifted to the right.
- CR-5658 — Include UltraScene in sequencer events.
- CR-5761 — Add Output UHD Mode to Custom Controls.
- CR-6108 — Add missing scene selection association for RCP.
- CR-6224 — Fix flickering image in box 1 and box 2 of Video Processor MultiViewer layout H2-6-6 in UHDTV1.
- CR-6332 — Improve startup sequence for TSL thread.
- CR-6459 — SoftPanel can now copy all six keys.
- CR-6476 — Fix aux selection issue from touch display.
- CR-6492 — Fix random OGP disconnects, enhance networking and Caprica logs, improve heartbeat, and general OGP optimizations.
- CR-6497 — Cleanup status menu for DashBoard connections after failure.
- CR-6525 — Fixed memory leaks found in Qseven® TouchDrive panels.
- CR-6526 — Use custom names instead of hardcoded default names on panel displays.
- CR-6535 — Keep Show Alpha button on the panel lit when double pressed.
- CR-6555 — Allow Dual Delegation button text position to be manually adjusted.
- CR-6561 — Correct DashBoard connection list.
- CR-6564 — Provide message on the 3-knob display explaining how to exit during a Display Test.
- CR-6577 — Pressing the current keyer Sel button now exits CC/Memory/Aux row delegation.
- CR-6702 — Add smartctl tool to kernel for hard drive diagnostics.
- CR-6711 — Fix Roll Clip function for non ME P/P ME layers.
- CR-6712 — Fix issue where source shifts left when FS is on.
- CR-6728 — Cleanup and remove redundant field from logs.
- CR-6729 — Fix memory leak when loading Media-Store.
- CR-6744 — Fix issue where TouchDrive Panel Memory Bank Button light is offset.
- CR-6748 — Fix global memory pad bug needing to toggle from normal to legacy.
- CR-6752 — Stop RossTalk MNEM command from defaulting the mnemonic colour and icon.
- CR-6766 — Fix OGScript race condition related to non-ME transition rates.
- CR-6767 — Fix issue where GV Grass Valley® commands were being dropped.

- CR-6769 — Fix race condition and memory access issues in OGP server.
- CR-6793 — Remove invalid Flash and Dissolve buttons from vertical touch displays.
- CR-6794 — Fix SoftPanel button parsing error.
- CR-6803 — Increase range of DVE Border gain to fix sharp edges.
- CR-6804 — Fix effect dissolves to take duration into account when triggered from Caprica.
- CR-6843 — Remove Mask Force for Chromakeys in DashBoard.
- CR-6848 — Memory recall camera attribute now recalls properly.
- CR-6854 — Disable OGP connection when internal connection goes down.
- CR-6859 — Improve load time for sets with a large number of CC events.
- CR-6868 — General logging improvements and cleanup.
- CR-6874 — Prevent unexpected License Change Request from rebooting switcher.
- CR-6882 — Improve button press detection on TouchDrive panels.
- CR-6884 — Remove invalid MEs from CC event list description.
- CR-6889 — TimeCode reporting and messaging improvements.
- CR-6892 — Temperature Monitor message improvements.
- CR-6899 — Prevent thread exhaustion that could be caused by fast OGP reconnects.
- CR-6907 — Fix issue where new OGP connections can cause existing connections to hang.
- CR-6909 — Add m1app log into Diagnostic export.
- CR-6934 — CC state recalls will now use the saved effects duration.
- CR-6967 — Robustness fixes for internal messaging.
- CR-6987 — On panels change “No Still Loaded” to “No Media Loaded” for consistency with DashBoard.
- CR-6990 — Light up the correct PST buttons for media sources when the “Media Wipe” button is held on the panel regardless of shift row.
- CR-6992 — Fix media name display on TouchDrive panels to show the selected media of the row not the current selected media of another row.
- CR-7015 — Fix seg fault caused by cross-thread access.
- CR-7018 — Fix problem where messages could be processed out of order causing devices to not load correctly.
- CR-9142 — Fix a crash that could happen with invalid data in OGP CCs.
- CR-9145 — Fix bug in conversion of Media Alpha IPE to RCP input.
- CR-9146 — Fix font corruption on TouchDrive panel left side vertical display area.
- CR-9163 — Fix issues with VISCA zoom control not stopping.
- CR-9169 — Remove Box Mask Force from Panel UI for MiniME™ and Canvas.
- CR-9170 — Stop Audio faders from going to zero when using Caprica.
- CR-9174 — Improve temperature fan control.
- CR-9211 — Fix issue with 3-knob display not following when ME changes for a row.
- CR-9212 — Fix panel crash when USB is removed while in the Clip Player menu.
- CR-9221 — Fix TouchDrive Panel to properly show key type when changing from chroma to self key.

v9.1.10 (May 2025)

What's New

- CR-6393 — TSL incoming ports now support UDP.

- CR-6016 — Added the **Panel Xpt Memory Store** Personality option to disable storing memories using the panel source buttons.
- CR-6254 — Hovering over a media item now displays a tooltip with the media number.

Bugs Addressed

- CR-5765 — Fixed a Media-Store issue where certain characters in the file name would cause errors.
- CR-5946 — Resolved an issue where custom control that included a Bus Source Copy would disappear.
- CR-5966 — Fixed a TSL tally ID mismatch issue affecting TSL 5 chroma key bus messages.
- CR-6006 — Addressed an issue where the serial number of the Baseboard shows as N/A.
- CR-6116 — In Caprica, memory attribute resets now properly affect MiniME™ outputs.
- CR-6300 — The 3-knob menu will now correctly follow the selected key when switching between different ME and MiniME™ buses.
- CR-6302 — Resolved an issue that caused **DashBoard Restart** to not work when **User Group Menu** access for **Configuration** was disabled.
- CR-6331 — General logging improvements.
- CR-6335 — Clip Player stability improvements.
- CR-6353 — Fixed an issue that causes a crash when loading large media files into a Media-Store.
- CR-6358 — Resolved a bug that caused a crash when selecting a non-existent keyer.
- CR-6377 — Fixed down converted output to properly follow reference TOF.
- CR-6412 — Licensing logs now regenerate properly when Ross Keys are changed.
- CR-6422 — Fixed an issue where DashBoard menus would not display for Satellite panels after disabling a menu.
- CR-6455 — Update the list of **Available Upgrade** files so that new DashBoard connections will receive the complete list.
- CR-6460 — Update the list of **Available Sets** so the new DashBoard connections will receive the complete list.
- CR-6476 — Fixed a selection issue on TouchDrive panels when switching between a Key and an Aux of the same number.
- CR-6491 — Fix a bug in the aux selection of the 3-knob menu when selecting aux using the User Select buttons.
- CR-6493 — Adjust internal message queue size to prevent failures when loading large switcher sets.

v9.1.3 (Nov 2024)

What's New

- Support for RTL8152-based Ethernet to USB Adapters are now supported for older network switches to connect.

Bugs Addressed

- Fixed an issue where the Media-Store capture was not capturing the alpha.

v9.1.1 (Sept 2024)

What's New

- Added support for TouchDrive TDx3 and TDx4 control panels.

Bugs Addressed

- Fixed a crash issue when capturing a thumbnail of a clip.
- Fixed prolonged boot times on Ultra 60, especially with I/O cards, which took around 20 minutes.
- Addressed an issue preventing media store memory from being released.
- Fixed a crash when setting an MV Pip through a custom control on Carbonite Ultra 60.
- Resolved multiple customer issues with bi-level sync (50 and 59.94).
- Improved execution speed for busy custom controls.
- Resolved reference generation issues affecting systems in high-temperature environments.
- Fixed Clip Player custom control LOOP On command that toggled instead of setting to loop.
- Fixed glitch lines on the edges of touchscreens.
- Resolved i2c issue that prevented certain boards from initializing.
- Fixed unreadable CPU temperature issue.
- Fixed long boot times caused by restarting via DashBoard or changing Role Based Access Control.
- Resolved issue where the Panel Diagnostics menu could not be exited.
- Fixed issue with captures from DashBoard not being saved to the correct location.
- Ensured Term SSD is used instead of internal storage on Ultra60
- Fixed inconsistent TSL Tally updates, particularly affecting TSL Tally 5.

v9.0.0 (June 2024)

What's New

- Improved programmable clean feed.
- Clip Player is now available.
- Internal storage is now visible on DashBoard and the FTP targets.
- Users can now create folders in the media folder via FTP.
- Substitution sources now include MiniME™ and UltraScene output.
- Added GV Grass Valley® options for *break required* and *no break required*.
- Added **Memory Undo Button** Personality option to turn off the **UNDO** button on the Memory area.
- The switcher now supports using the Index and Control bits in the TSL 5 protocol messages to trigger tallies and GPI outputs.
- For each GPI, the users can see its level in DashBoard.
- Users can now manually trigger a GPI output from DashBoard.
- Ross Platform Manager Floating License Model is implemented.
- Buttons that do not apply to a selected bus map are now turned off.
- Bus source copy page and CC features added.
- Device naming implemented.
- DHCP can now be turned on.

- Users can now copy Media-Store folders into user storage.
- Carbonite can now control Ultrix™ Text Tally State and Border tally color.
- The Audio Mixer **Config** menu now automatically opens to the layer it was called from.
- You can now disable RossTalk connections to the switcher.
- Live Assist Custom Page Follow increased from 4 to 10.
- CC name length increased to 12 characters.
- Longer source names are now supported.
- A line break can now be added to a source name by entering a vertical bar, or pipe, symbol (|) where you want the break.

Bugs Addressed

- Fixed crashing issues when front door is removed.
- You can now cue Tria clips in CCs if it is in a folder.
- Fixed knob inversion issue with TD1C.
- Fixed a bug where the panel stops communicating with the frame.
- Switching UMD protocol does not require a reboot.
- Fixed reserved knobs on some TD panels.
- ViewControl NDI® List is now scrollable.
- Allow CC to turn off ME follow.
- Audio fader channels 25-29 now recall correctly.
- Reduced boot times.
- Fixed mask size changes between DVE memory recalls with effects dissolve.
- Fixed key-only MediaWipe transitions.
- Menu buttons and knob display no longer go dark when selecting **Home** after **Save** or **Load**.
- Various other bug fixes and improvements.

v8.2.0 (Jan 2024)

What's New

- TouchDrive 3 and TouchDrive 4 panel support.
- The Application Software and OS have now been combined into a single Upgrade file and procedure.
- Audio input and output through MADI SFP is now supported.
- Rave ABU 12G is now supported.
- Added the ability to store Memories on smaller TouchDrive panels
- Source names are now visible on the vertical touch screen in TouchDrive panels.
- Proper shutdown shortcut is added to the Navigation menu.
- Updated operating system with various security updates.

Bugs Addressed

- Incorrect reporting on power supply statuses are fixed.
- Media Wipes will now recall effects correctly.
- Various Audio Mixer fixes.

- Fixed a few boot-up issues.
- Fixed panel connectivity issues.
- Fixed the broken tally control to disable devices.

v8.1.0 (Nov 2023)

What's New

- UHD Mode Support.
- UHD Audio Breakout Unit Support.
- The switcher will now alert users when the OS is incompatible with the software.
- New lightpipe colors for network cable connections and mode changes.

Bugs Addressed

- CR-4135 — Illegal re-entries are now prevented.
- CR-4074 — Fixed losing dashboard connections due to matte color interactions.
- CR-4052 — Fixed a crash when certain CCs are run with missing keys.
- CR-4035 — Broken TSL 3.1 output is fixed.
- CR-3944 — RossTalk to change source in I/O MultiViewer box failure is fixed.
- CR-3894 — Fixed an OGP crash when the constraints are too big.
- CR-3852 — Fixed an issue that broke Video Processor MultiViewer in DashBoard.
- CR-3831 — GPI Output pre-delay is not stored in set.
- CR-3813 — Layout enhancements to fix Input Proc Assignments in SoftPanel.
- CR-3809 — Force Mask for Chroma Keys now function properly.
- CR-3762 — Restored General, Version and Power tabs in the SoftPanel.
- CR-3616 — Correct Noise Gate parameter limits.
- Various UI Enhancements and other bug fixes.

v8.0.1 (Sept 2023)

What's New

- Support for DashBoard 9.6.1.
- **OS Security Fixes** — A recent Linux® vulnerability concerning Zen2 processors (CVE-2023-20593) has been fixed.

Bugs Addressed

- CR-3458 — Fixed using incorrect Effects rates when recalling memories from the panel.
- CR-3592 — Fixed fan Speed node color differences.
- CR-3707 — SoftPanel Empty PGM bus buttons and menu buttons would appear correctly.
- CR-3808 — Fixed an issue that caused LiveEDL to fail after stopping.
- CR-3817 — Files on the internal storage would disappear after unplugging the USB drive.
- CR-3818 — Fixed a problem that placed source locations incorrectly.
- CR-3830 — Unexpected audio outputs on internal media clips (M3 to M8) is now fixed.

- CR-3838 — Media-Store audio channels are now shown correctly.
- CR-3864, CR-3866 — Various fixes to XPression and LiveEDL workflow.
- CR-3821, CR-3840, CR-3839 — Various fixes to make OS and application upgrades, and system boot-ups more streamlined.

v8.0.0 (July 2023)

What's New

- Initial release of the Ultra 60.

Bugs Addressed

- Initial release. No bugs were addressed for this version of software.

Getting Help

- Our 24-hour hotline service provides access to technical expertise around the clock. After-sales service and technical support is provided directly by Ross Video personnel.
- During business hours (Eastern Standard Time), technical support personnel are available by telephone.
- After hours and on weekends, emergency technical support is available. A telephone-answering device will provide the names and phone numbers of technical support and field service personnel who are on call. These people are available to react to any problem and to do whatever is necessary to ensure customer satisfaction. For serious issue which need urgent attention and tracking, please ensure you are given a ticket number and refer to this in future communications.
 - **Technical Support: (+1) 613-652-4886**
 - **After Hours Emergency: (+1) 613-349-0006**