

GRAPHITE Release History

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Release History

V5.0.3

V5.0.3.18590 (February 1, 2021) Corrections to v5.0.2

New Features and Enhancements:

Support for TouchDrive 1C (compact panel)

Bug Fixes:

71489 – CB3X panels now map memory inclusions correctly.

V5.0.2 (January 8, 2021) Corrections to v5.0.1

New Features and Enhancements:

New message on TouchDrive panels when there is a network disconnect.

Bug Fixes:

71267 – TouchDrive LED calibration is now loading correctly.

71268 – TouchDrive boot and connection time is much faster.

71269 – TouchDrive does not always download the panel application with a network drop.

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V5.0.1 (December 14, 2020) Corrections to v5.0.0

Bug Fixes:

- **71038** — TouchDrive control panel boot time has been improved.
- **71039** — Buttons on the TouchDrive control panel light up to indicate that the system is booting up.
- **71060** — If your figure lingers on a tap of the touchscreen on the TouchDrive control panel the system interpreted this as a hold. Short holds are now interpreted as a tap.
- **71063** — The menu up arrow touch region on the touchscreen displays of the TouchDrive control panel has been made larger to make it easier to tap.
- **71066** — On-Air and On-Preview tally indicators are not working on MediaManager page.

New Features:

- Touch feels more responsive.

V5.0.0 (November 19, 2020) Corrections to V4.1.0

Bug Fixes:

- 70544 – CCs that only contain State now save correctly.
- 70402 – Color schemes in DashBoard are working correctly now.
- 51148 – Ejecting an animation now clears the thumbnail from the Media page.

New Features:

- TouchDrive panel support
- New DashBoard layout
- New DashBoard MediaManager
- Aura Theme Support
- MultiPanel support in DashBoard
- Personality configuration in DashBoard
- Expanded User Select buttons
- Import/Export sets to switcher from DashBoard
- Improved DashBoard Memory interface

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V4.1.0 (July 14, 2020) Corrections to V4.0.0

Bug Fixes:

- Bug 69000 - Audio source channel assignments for PC audio are not being saved in Installation settings
- Bug 68767 - Custom mix names do not appear in CC Create/Edit Event menus
- Bug 68748 - Output LED meters sometimes show some lit segments when no audio is present
- Bug 66936 - PivotCam continues to move after switcher panel joystick has stopped

New Features:

- Support for Graphite PPC
- Configurable audio test tone added to each audio mixer fader

V4.0.0 (May 19, 2020) Corrections to V3.0.0

Bug Fixes:

- Bug 67946 - Gain and Pad settings are not preserved on reboots
- Bug 68069 - Setting one of the Live Assist quick links to Panel can send Dashboard into a reload loop
- Bug 68092 - Custom Controls for Input are missing

New Features:

- Interactive Audio Equalizer Graph added to the DashBoard UI
- Up to 16 frames of video delay can be configured through SDI inputs 1-6 Frame Sync and Format Converters
- Main and Aux audio mixer are can be renamed
- Added various Carbonite Ultra features including:
 - System Configuration menu changes
 - Clean Feed and Layer mode
 - Updated the memory attributes pages to show key 3
 - The global matte color can be set from DashBoard
 - Matte and re-spill color pickers start in Live mode
 - Add ME background matte color selection to the global matte page

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V3.0.0 (Feb 28, 2020) Corrections to V2.3.0

Bug Fixes:

- Bug 67085 - Putting illegal/ non-number values in input box for some EQ parameters crashes Software
- Bug 66419 - Dropbear security issue
- Bug 65398 - CRASH - ME Follow feature incompatible with 1ME Carbonite systems
- Bug 64088 - ME Copy - The ME destination Memory Recall Attributes get changed
- Bug 65279 - RossTalk LOADSET command loads correct set but displays the previous one on the switcher

New Features:

- All 48 audio mixer faders are fully configurable
- 48 Compressor/Limiter modules for each audio mixer fader
- Per audio mixer fader configurable audio processing order for equalizer and compressor/limiter
- Increase from 6 to 12 audio AUX mixers
- Equalizer and compressor/limiter clip indicators
- 9 input versions of Graphite have the number of configurable outputs increased from 2 to 6
- 4 Live Assist custom pages available to display custom DashBoard pages with configurable auto follow to video inputs
- Media Manager is accessible through Live Assist
- Deprecated custom controls and underlying commands are highlighted in red in DashBoard UI

Note: Memories and custom controls that use the fixed function PC Audio mixer fader will not work with the new configurable PC audio mixer faders. Affected memories and customs need to be recreated for v3.0.0. Any custom MIDI maps that use the fixed PC Audio fader must be adjusted to use the configurable PC Audio faders.

V2.3.0 (Oct 11, 2019) Corrections to V2.2.0

Bug Fixes:

- Bug 65671 – Initiating Media Wipe causes audio channels to get reversed in the crossfade

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New Features:

- Eight configurable PC Audio stereo channels
 - Configurable audio mixer faders now include PC audio stereo pairs, the single fixed PC audio fader has been removed.
 - Eight Ross Audio playback devices are available to Windows applications
 - Default MIDI map for Behringer X-Touch Compact modified to replace the single fixed PC Audio fader with a configurable PC Audio fader.

Note: Memories and custom controls that use the fixed function PC Audio mixer fader will not work with the new configurable PC audio mixer faders. Affected memories and customs need to be recreated for v2.3.0. Any custom MIDI maps that use the fixed PC Audio fader must be adjusted to use the configurable PC Audio faders.

V2.2.0 (June 26, 2019) Corrections to V2.1.0

Bug Fixes:

- Bug 63786 - Incoming TSL Tally information should trigger physical tallies
- Bug 65112 - Button presses on the soft panel are sometimes lost
- Bug 65114 - Audio meter OID were remapped and overlap + fader 45 is broken
- Bug 64714 - MiniME transition mode OID's non-functional
- Bug 64467 - Phantom Power needs to default to OFF on startups & reboots
- Bug 62524 - SDI inputs 1-6 sample rate converters have occasional audio ticks

New Features:

- Audio equalizers for each mixer fader input
 - Up to 96 channels grouped as 48 stereo pairs
 - 4 equalizer bands (low shelf, midrange 1, midrange 2, high shelf)
 - Support for Behringer X-Touch Compact control surface for equalizers
- ME linking

V2.1.0 (Jan 28, 2019) Corrections to V2.0.0

Bug Fixes:

- Bug 63499 - RossTalk - Add UDP support and line ending options
- Bug 63051 - Ancillary errors shown on Tek WFM in 1080p video mode
- Bug 63146 - Corrupted channel status in Graphite vidproc SDI embedded audio
- Bug 58083 - Pan Curve is wrong

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- Bug 63037 - Loading MediaStores via Pattern buttons is broken

New Features:

- SDI embedded audio output channels are user configurable as passthrough or any audio mixer output.
- Configurable AFV (Audio Follow Video) video source.
- Embedded audio sources (SDI inputs, XPression inputs) to audio mixer are configurable to be normal "stereo", "mono left" or "mono right". Mono modes copy either the left or right channel to both stereo channels.
- Bus follows with substitution tables.

Note: Memories and custom controls need to be recreated for release 2.1.0 due to the addition of the configurable audio output feature. Running memories or customs may result in unintended misconfiguration of SDI audio outputs.

V2.0.0 (Nov 15, 2018) Corrections to V1.2.2

Bug Fixes:

- Bug 58701 - Enhancement - Panel menu option to "reboot DashBoard"
- Bug 59283 - Enhancement - turn tallies off for PV and PGM in their multiviewer boxes
- Bug 61293 - Four parameters in advanced chromakey do not function
- Bug 61339 - PFL and Solo buttons disappear when an analog fader are dragged into a custom panel
- Bug 61383 - PIVOTCam driver sends auto iris command if a bad message received from Pivot 20
- Bug 61475 - Audio Master fader set to zero (infinity) after switcher re-boot / set load
- Bug 61478 - Load sets - loading a set with no customs doesn't remove old customs from previous set
- Bug 61482 - Device Control - AMP loses control of video server until reboot
- Bug 61485 - Too many GVG100 sessions will crash switcher
- Bug 61525 - CC record does not record all media store load messages from MediaManager playlist
- Bug 61546 - Trans PRV affects CLN output
- Bug 61551 - Be able to add Rosstalk commands to a CC by typing it in

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- Bug 61578 - DashBoard - Panel Personality - changing schemes when a Sat panel is present wipes busmaps etc
- Bug 61579 - Loading a diskset causes panel to crash
- Bug 61580 - Need a timeout for PivotCam not sending a "command complete" message
- Bug 61633 - Carbonite Solo Panel has sluggish communication with frames
- Bug 61636 – Allow changing port for amp devices
- Bug 61639 - DashBoard - Panel Personality - All MEs config never changes
- Bug 61665 - DashBoard - Panel Personality - Custom Schemes don't show in list after creation
- Bug 61671 - Server loop command on the switcher cause SMS server freeze
- Bug 61672 - RossTalk Devices only work after they are assigned to an input

New Features:

- Sample Rate Converters on RAVE AES input and Graphite SDI inputs 1-6
- Three additional audio mixer AUX outputs for a total of six
- Smooth audio transition option for AFV transitions
- User configurable audio mixer fader with selectable embedded audio source
- 48 available faders per audio mixer
- Chroma key and alpha routable to video outputs via Mini-ME key
- Update Graphite switcher software to Carbonite v13.0.1 software and bug fixes

Note: Memories and custom controls need to be recreated for release 2.0.0 due to the addition of the configurable audio input feature. Running memories or customs may result in unintended misconfiguration of audio mixer inputs.

V1.2.2 (August 22, 2018) Corrections to V1.2.1

Bug Fixes:

- Bug 60004, 61527 – XPression Crash Capture sometimes crashes Windows

V1.2.1 (July 30, 2018) Corrections to V1.2.0

Bug Fixes:

- Bug 60061 – Software installer fails to uninstall earlier Graphite drivers in Windows 10

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New Features:

- Compatibility tested to Windows 10 and XPression 8

V1.2.0 (June 1, 2018) Corrections to V1.1.1

Bug Fixes:

- Bug 60341 - Soft panel displays Upgrade PMC message after software upgrade
- Bug 59938 - XPression Crash Capture audio meters do not function in 480i
- Bug 60453 - Audio mixer configuration corrupted in rare occasions
- Bug 60969 - VANC output from Media stores is not black
- Bug 58212 – XPression playout outputs random rolling garbage in VANC
- Bug 61314 - RossTalk Devices only work after they are assigned to an input
- Bug 61318 - Be able to add Rosstalk commands to a CC by typing it in
- Bug 61317 - Add RossTalk ON/OFF commands for Keyer Cut and Auto
- Bug 61316 - Rosstalk UPNEXT support
- Bug 61315 – Add new generic Rosstalk device
- Bug 59952 - 1080p59.94 Capture on Input4 not working correctly
- Bug 60611 - Video occasionally drops out during 1080p crash records

New Features:

- Support for Behringer X-Touch Compact control surface for Graphite audio mixer
- XPression key (alpha) outputs routable to SDI outputs

V1.1.1 (March 9, 2018) Corrections to V1.1.0

Bug Fixes:

- Bug 60247 – Aux PreFade CC button in the Custom Control Editor is now named “Aux Pre / Post”.
- Bug 60132 – The HDMI input no longer displays CRC errors at 3G.
- Bug 59952 – XPression operation would generate a blue screen, especially when capturing video, this has been fixed
- Bug 58604 – Main audio output would occasionally peak and stayed peaked, this has been fixed.

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V1.1.0 (December 13, 2017) Corrections to V1.0.1

Bug Fixes:

- Bug 59772 - Enhancement - enable ME PST follows
- Bug 59277 - Enhancement - add media wipe layer control
- Bug 59077 - Aux 17-20 buttons are non-functional on DashBoard UI
- Bug 59630 - Tally : XPN1V-XPN4V should be added as input sources that can be triggered by tallies and GPOs
- Bug 59753 - Alpha Source labels for Media 1-3 are incorrect
- Bug 59682 - DB - CC UI can only address AMP channels 1-4
- Bug 59279 – Chroma Key - Fix background luma control
- Bug 58985 - CC Bank Select does not include Mnemonic labels
- Bug 58647 - Alpha Mode for XPression sources should not show -none-
- Bug 58706 - We need RossTalk entries for XPression inputs.

New Features:

- SD video mode support
- Support for up to 3 RAVE Audio Breakout Modules
- Improved framebuffer playout and capture performance
- Support for up to 4 framebuffer inputs

V1.0.1 (July 18, 2017) Corrections to V1.0.0

- Pressing the ESC key twice in XPression will now clear all channels of the frame buffer (Bug 58792).

Note: Only the Graphite Switcher and DashBoard software are required to be upgraded.