AJA ColorBox / OG-ColorBox Release Notes - v3.0

Firmware for ColorBox / OG-ColorBox

Introduction

v3.0 is a feature and maintenance update for ColorBox that also includes support for the initial release of OG-ColorBox, a new product that offers ColorBox features in the openGear form factor.

This firmware adds several great new features and improvements including a new Colorfront mode, configurable ACES pipeline, and much more. It is highly recommended to upgrade.

Be sure to consult the user manual for detailed information about features and configuration guidelines. The most current documentation can always be found on the ColorBox Support Page and OG-ColorBox Support Page.

New Features in v3.0

- Support for the new OG-ColorBox.
- New Colorfront Mode called "SDR to Dolby Vision Preview," added to the Colorfront licensable option.
- Colorfront Live mode now supports ARRI Alexa 35 LogC4 Wide Gamut 4 WVO (Wireless Video Optimized) signals.
- ACES Pipeline supports configurable ACES input and output transforms, even without an ACES Metadata File (AMF) loaded.
- AJA Color Pipeline 3D LUT node and library now supports .CLF and .CTF files.
- Configure SDI and HDMI outputs for Color Space (4:2:2 YCbCr or 4:4:4 RGB) and Bit Depth (8, 10, and 12 bit).

Fixes, Changes, and Improvements in v3.0

- Stores and uses the "last good video output format" state reducing signal recovery time after input signal loss or ColorBox power cycle.
- Fixes issue with frame store to support a wider range of .tiff files.
- "Link local" IP addressing implemented when DHCP server cannot be found.

- HDMI audio channel mapping corrected.
- Boot time reduced from ~60 seconds to ~30 seconds.
  - To implement this improvement, the Firmware update time increases to 2.5 minutes
  - When updating from versions previous to v3.0, the update progress bar will bounce back and forth during installation until it finishes loading. This is normal and will only happen during the update to v3.0.
- ACES pipeline node name changed from "ACES" to "AMF".

Technical Support

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AJA Technical Support is free and available to help you answer questions or resolve issues with any of your AJA products.

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