

AJA ColorBox Release Notes - v2.1

Firmware for ColorBox

Introduction

ColorBox v2.1 is a feature release adding down-conversion and cropping, ACES Pipeline with AMF support, ARRI Alexa 35 WVO support, BBC HLG LUTs v1.7 updates, and more. Several bug fixes are also addressed. 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](#).

New Features in v2.1

- New Down-conversion feature for SDI and HDMI outputs
 - Down-convert 4K to 2K or UHD to HD
 - SDI and HDMI outputs have an independent down-conversion control
- New 4K/2K Crop for HDMI output
 - HDMI output can center crop 4K to UHD or 2K to HD
- New ACES (Beta) Pipeline with AMF Support
 - ACES Metadata File (AMF) support for end-to-end ACES workflows
 - Built on OpenColorIO (OCIO)
 - ACES AMF on-board Library added for AMF file management with 16 memory locations
- New support for ARRI Alexa 35's Wireless Video Optimized LogC4 (WVO) decoding
 - WVO inverse 1D LUT decoder now built in to AJA Color and AMF Pipelines
- Adds SDR Preview to Colorfront Live Mode
- Updates BBC HLG LUTs to new v1.7

Fixes, Changes and Improvements in v2.1

- HDMI output now supports HDMI 2.0
- Fixes issue with passing ARRI Alexa camera metadata
- Improvements to SDI format detection and locking algorithm

- Fixes issue with Colorfront Pipeline and Overlay not displaying correct Range and Gamut
- Fixes issue with SMPTE 100% Color Bar Test Pattern
- Changes test pattern named "NBCU Fancy Bars" to "NBCU HLG Fancy BT.2111 Color Bars"

Technical Support

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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