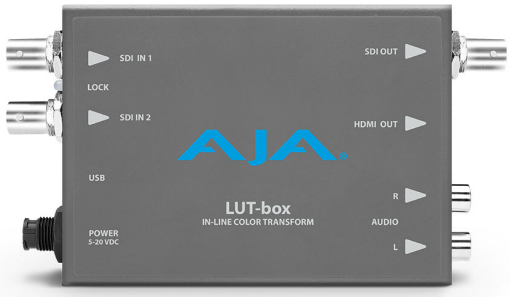

LUT-box

Load 3D LUTs into LUT-box to adjust the color look for any source signal with simultaneous outputs to HDMI and SDI monitors from a single LUT-box.

$ US MSRP

https://www.aja.com/products/lut-box

Video Inputs

- 3G-SDI with embedded audio (2 x BNCs)
  - HD single link
  - HD dual link
  - 3G single link
  - YCbCr 4:2:2 8-bit and 10-bit, RGB 4:4:4 10-bit and 12-bit supported

Input Formats

- 3G-SDI Input
  - 1920x1080p 4:2:2 50, 59.94, 60 Level A and Level B
  - 2048x1080p 4:2:2 50, 59.94, 60 Level A and Level B
  - 1920x1080p 4:2:2 50, 59.94, 60 Level A and Level B
  - 1920x1080PsF 4:4:4 23.98, 24, 25, 29.97, 30 Level B
  - 1920x1080i 4:4:4 50, 59.94, 60 Level B
  - 2048x1080p 4:4:4 23.98, 24, 25, 29.97, 30 Level B
  - 2048x1080PsF 4:4:4 23.98, 24, 25, 29.97, 30 Level B
- HD-SDI Input
  - 1920x1080p 4:2:2 23.98, 24, 25, 29.97, 30
  - 1920x1080i 4:2:2 50, 59.94, 60
  - 1920x1080PsF 4:2:2 23.98, 24, 25, 29.97, 30
  - 2048x1080p 4:2:2 23.98, 24, 25, 29.97, 30
  - 2048x1080PsF 4:2:2 23.98, 24, 25, 29.97, 30
  - 1280x720p 4:2:2 50, 59.94, 60
- HD-SDI Dual Link Input
  - 2x1920x1080p 4:4:4 23.98, 24, 25, 29.97, 30
  - 2x1920x1080PsF 4:4:4 23.98, 24, 25, 29.97, 30
  - 2x2048x1080p 4:4:4 23.98, 24, 25, 29.97, 30
  - 2x2048x1080PsF 4:4:4 23.98, 24, 25, 29.97, 30
  - 2x1920x1080p 4:2:2 50, 59.94, 60
  - 2x2048x1080p 4:2:2 50, 59.94, 60

Video Outputs

- 3G-SDI with embedded audio (1 x BNC)
- HDMI with embedded audio, up to 36-bit Deep Color support (1 x HDMI 1.4 Type A)

Note: PsF inputs are always converted to progressive on the HDMI output. MiniConfig allows the SDI output to be set to either PsF or progressive for a PsF input signal.

Note: HDMI/DVI output is always RGB color space.

Audio Input Digital

- SDI embedded audio, up to 8 channels

Audio Output Digital

- SDI embedded audio, up to 8 channels
- HDMI embedded audio, 2 or 8 channels

Audio Output Analog

- 2-channel RCA-style (-10dBV nominal)

LUT File Format Support

- 10-bit and 12-bit 1D LUTs, and 12-bit 17 or 16 point 3D LUTs, are supported in these formats:
  - 3D LUT file types:
    - .3dl
    - .cube
    - .lut
    - .txt
  - 1D LUT file types:
    - .cube
    - .lut
    - .txt

Size (w x d x h)

- 5.8" × 3.1" × 1" (147 × 79 × 25 mm)

Power

- Uses AJA Power Supply model DWP-U-R1 (included with purchase)
- 100-240V, 50/60Hz Universal Input
- +5V DC regulated, 7.5 watt capacity