

# R5CE

## 1x4 SD-SDI DA and Component/Composite Analog Converter

### Features at a glance

- Universal Monitoring SD-SDI DA
- SD-SDI Input
- 4 Re-clocked SD-SDI Outputs
- 4 Component/Composite Analog Outputs
- YPbPr, Betacam, or RGB Component Formats
- 10-bit to 8-bit Dithering
- PLL Jitter Filter
- Built-in Test Pattern



### Tech specs

#### Input:

- SD-SDI (SMPTE 259M)
- BNC

#### Outputs:

- SD-SDI (SMPTE 259M)
- 4 x BNC
- Re-Clocked
- Equalized
- NTSC/PAL Analog
- 1 x BNC
- YPbPr – SMPTE
- EBU-N10
- Betacam
- RGB
- 3 x NTSC/PAL
- 1 NTSC/PAL and Y/C (S Video)
- 3 x BNC
- Jitter Filtering to 2.5 Hz

#### User Controls:

- External Dipswitch
- Video Format
- Pedestal
- H/V Blanking

#### Frequency Response:

- +/- .25 dB to 5 MHz

#### Physical:

- Fits AJA R-Series Frames
- Compatible with Leitch 6800 Series Frames

#### Power:

- 6 watts

The R5CE is a SD-SDI distribution amplifier and universal monitoring D/A converter. The R5CE provides four equalized and re-clocked SDI outputs along with four analog monitoring outputs. The four analog outputs can be configured to a wide variety of formats including NTSC/PAL, Y/C (S-Video), YPbPr (SMPTE, EBU-N10), Betacam or RGB. A PLL jitter filter/memory reduces the effects of SDI jitter on the analog outputs. An exclusive feature of the R5CE is a 10- to 8-bit dithering circuit which removes contouring in the analog outputs. Additionally, the R5CE features user selectable pedestal and H&V blanking.

