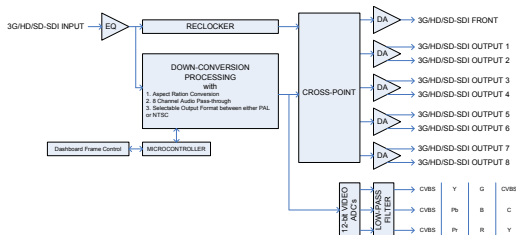
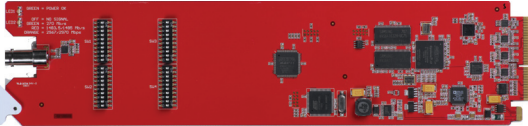




# MDC-1000

3G/HD/SD-SDI Down-converting Distribution Amplifier



## PRODUCT FEATURES

- Auto Detects 3G/HD/SD Formats and has selectable 625i50 or 525i59.94 Outputs
- 3G/HD to SD Down-conversion
- Low Latency, single input field delay
- Full 10-bit data path and multipoint interpolation
- 3 groups of 2 Relocked or Down-converted outputs
- On the front of the card is an easily accessible Relocked or Down-converted output; for use when access to the back of the rack is difficult.
- Selectable analog video from: 3 x CVBS / YPbPr / RGB / CVBS & YC
- 8 Channels of Audio passed as 20 or 24-bit
- 16 times over-sampling for SD output
- Safe Action and Title Graticule Generator
- 32 Video Test Patterns, including 4 Moving & 4 Static Zoneplates
- Tone / Broken Tone Audio Generator
- Dolby E™ Transparent
- External Dipswitch Configuration
- User configurable through Dashboard GUI

## SPECIFICATIONS

<b>VIDEO FORMATS</b>	3G:SMPTE 424M@2.97 and 2.967Gb/s • 1080p@60/59.94/50Hz  HD:SMPTE 292M/274M/296M@1.485 and 1.435Gb/s • 1080i@60/59.94/50Hz • 1080p/psf@30/29.97/25/24/23.98Hz • 720p@60/59.94/50/30/29.97/25/24/23.98Hz  SD:SMPTE 259M@270Mb/s • 625i50 • 525i59.94	<b>INPUTS</b>	• 1 x 3G/HD/SD-SDI • Input Equalization > 200M for SDI, > 200M for HD-SDI or > 100M 3G-SDI using Belden 1694A
<b>LED STATUS</b>	• Power • Signal Lock and rate	<b>OUTPUTS</b>	• 6 x 3G/HD/SD-SDI • 1 x 3G/HD/SD-SDI on front of card • 3 x CVBS / YPbPr / RGB / CVBS & YC

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