

RD10MD Dual HD To SD Downconverter

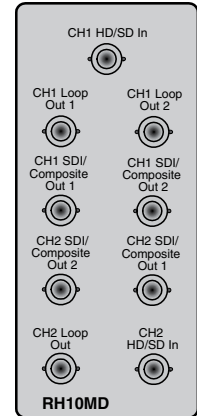
Features

- Dual Independent channel HD to SD down conversion
- Re-clocking HD-SDI/SDI input loop outputs
- Multi-Standard HD-SDI or SDI Input
- SDI and Composite Analog Outputs
- 3/2 Pulldown for 23.98/24 Hz p/psf inputs
- Full 10-bit Data Path, Multi-point Interpolation
- Configurable for 16:9 or 4:3 Monitors
- Letterbox and Crop Modes
- 4:3 Safe-Zone Graticule



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The RD10MD is a 10-bit broadcast-quality Dual HD down converter. Channels 1 and 2 are fully independent. Channel 1 has 2 re-clocked HD/SD SDI outputs and channel 2 has 1. Both Channel 1 and 2 have 2 down converted outputs, which can be independently configured as SDI or composite analog. All HD formats are supported including 24p/psf with 3:2 pulldown. The SD output can be formatted for either 4:3 or 16:9 monitors. For 4:3 monitors both Letterbox and Crop modes are supported. The RD10MD is also dual-rate (HD/SD) and will support SDI inputs. The RD10MD is compatible with AJA's FR1 or FR2 frames.



Specifications

Formats:	HD: 1080i 50/59.94/60 Hz 1080p/psf 23.98/24/25/29.97/30 Hz 720p 23.98/24/25/29.97/30/50/60 Hz	Downconversion:	Multi-point interpolation, 10-bit processing 3:2 conversion for 23.98/24p/psf inputs
Inputs	HD-SDI or SDI SMPTE 259/292/296, 10-bit, BNC	User Controls:	External Dipswitch Output Video Format 4:3/16:9 Monitor Select Letterbox/Crop Pedestal (Output) 4:3 Safe-Zone Graticule Overlay
Outputs:	Each Channel has two outputs configurable for either SDI (SMPTE 259M, 10-bit) or analog composite NTSC/PAL, 2x BNC Channel 1 has two reclocked loop-through outputs, 2x BNC Channel 2 has one reclocked loop-through output, 1 BNC	Size:	Fits AJA R-Series Frames
		Power:	7 watts