

RD10MD2

Dual HD to SD Downconverter

Features at a glance

- Dual Independent channel HD to SD down conversion
- Re-clocking HD/SD-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
- 5-year Warranty



Tech specs

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

Inputs:

- HD-SDI or SDI SMPTE 259/292/296
- 10-bit
- BNC

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 relocked loop-through outputs
- 2x BNC
- Channel 2 has one relocked loop-through output
- 1 BNC

Downconversion:

- Multi-point interpolation
- 10-bit processing 3:2 conversion for 23.98/24p/psf inputs

User Controls:

- External Dipswitch
- Output Video Format
- 4:3/16:9 Monitor Select
- Letterbox/Crop
- Pedestal (Output)
- 4:3 Safe-Zone Graticule Overlay

Physical:

- Fits AJA R-Series Frames

Power:

- 7 watts

The RD10MD2 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 RD10MD2 is also dual-rate (HD/SD) and will support SDI inputs. The RD10MD2 is compatible with AJA's FR1 or FR2 frames.

