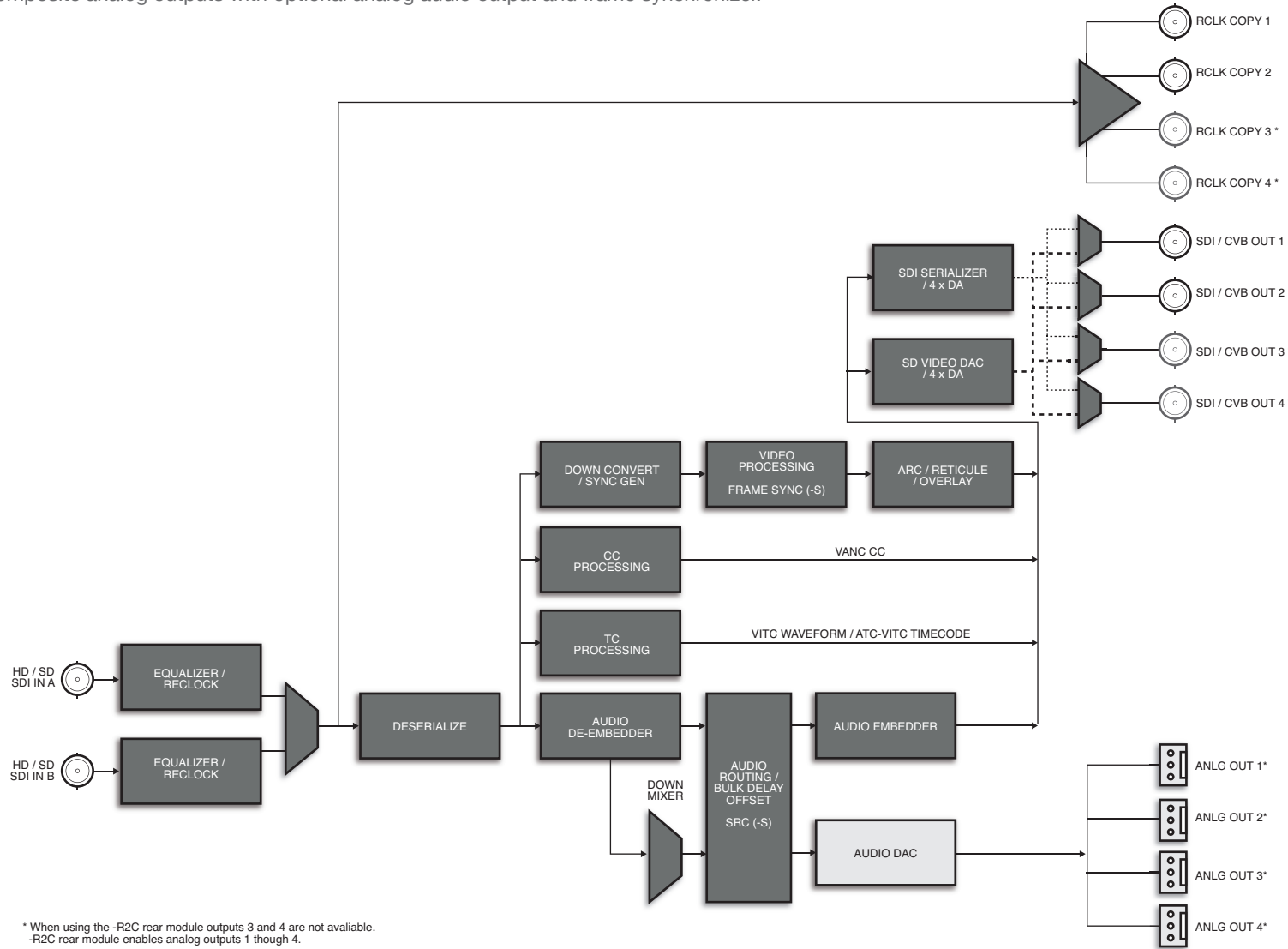


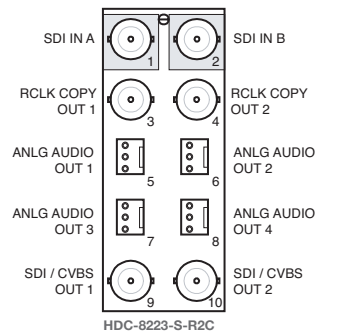
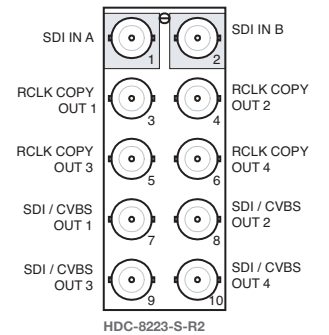
# HDC-8223 /-S HD SD AN-AUD FS

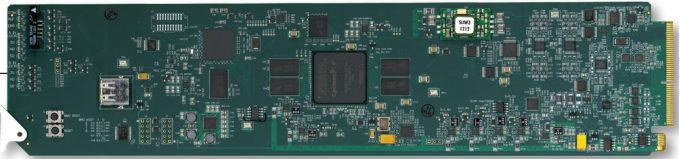
## HD Monitoring Down Converter and Distribution Amplifier

An excellent solution for HD monitoring down conversion and distribution with configurable SD and / or composite analog outputs with optional analog audio output and frame synchronizer.



\* When using the -R2C rear module outputs 3 and 4 are not available.  
-R2C rear module enables analog outputs 1 through 4.





The HDC-8223 is a 2 in / 4 out reclocking HD / SD distribution amplifier combined with 4 software configurable analog composite or SDI digital outputs with 10-bit HD down conversion. The HDC-8223 includes 2 inputs, which can be manually selected, or set up in automatic failover configuration mode.

The HDC-8223-S adds a video frame synchronizer with full frame delay control and incorporates audio sample-rate conversion for glitch-free audio when a frame is added or dropped.

The HDC-8223 incorporates full aspect ratio conversion on the output with reticule overlays for full aperture and safe area in both 16x9 and 4x3. Embedded audio, timecode and EIA-608 captions are preserved and passed to the outputs.

The HDC-8223 supports all popular standard and high-definition video formats including 1080pSF/23.98, 1080pSF/23.98, 1080p/29.97, 1080p/25, 1080p/23.98, 1080i/29.97, 1080i/25, 720p/25, 720p/29.97, 720p/50, 720p/59.94, 486i/29.97, 576i/25.

With the -R2C rear module, the HDC-8223 supports audio de-embedding with 4 analog audio outputs

## Key Features

- Supports all popular formats: 1080pSF/23.98, 1080p/29.97, 1080p/25, 1080p/23.98, 1080i/29.97, 1080i/25, 720p/25, 720p/29.97, 720p/50, 720p/59.94, 486i/29.97, 576i/25
- 4 reclocked DA outputs
- 4 software selectable SDI digital / analog composite outputs
- Full HD to SD ARC functionality on output 16:9, 14:9, 4:3 center cut
- SD to SD ARC functionality 16:9 / 4:3
- Reticule overlay with safe area and cross-hair
- Embedded audio, timecode and EIA-608 preserved from input to output
- Integrated audio and video proc amp
- Optional 4 channel analog audio de-embedding available
- Frame Synchronizer (HDC-8223-S)
- Provides full vertical and horizontal offset and frame delay controls. (HDC-8223-S)
- Glitch-free handling of embedded audio when a frame is dropped or duplicated. (HDC-8223-S)
- 5-year transferable warranty
- Power: 8 watts

## Ordering Information

### HD Monitoring Down Converter and Distribution Amplifier

HDC-8223	HD / SD SDI Down Converter
HDC-8223-S	HD / SD SDI Down Converter with Frame Sync

### Rear Module Suffix (ex: [model]-R2)

-R2	Rear Module for HDC-8223
-R2C	Analog Audio Rear Module for HDC-8223