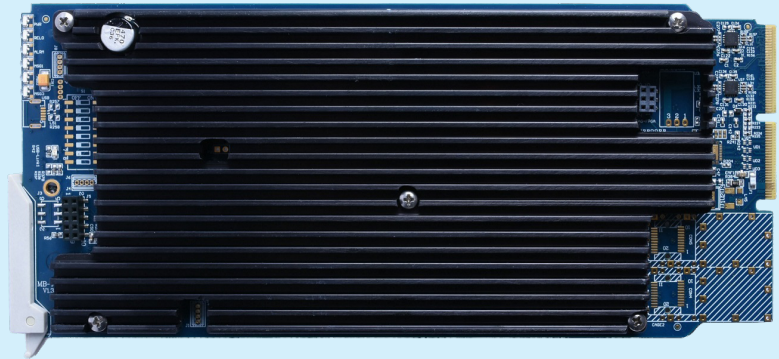


# SAD-3395

3G/HD/SD-SDI Audio De-embedder

2024 Datasheet



The SAD-3395 is a highly flexible solution for de-embedding eight audio pairs from a 3G/HD/SD-SDI signal and routing them to analog/digital audio outputs. The audio processor core can delay audio pairs for up to 10 seconds and apply desired gain. The user can also embed processed and shuffled audio back to the SDI signal.

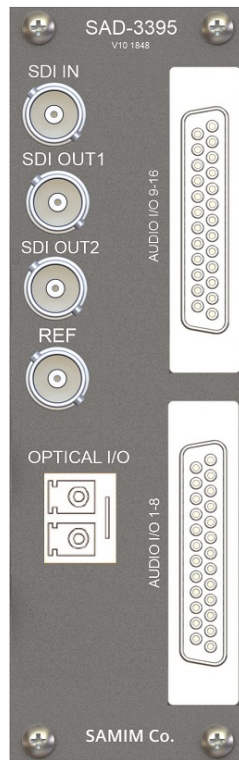
The module also features optical I/O, frame synchronization, timing adjustment, ancillary data transparency, and test tone/pattern generation.

Control and monitoring can be done using the user-friendly web-based user interface and frame front control panel.

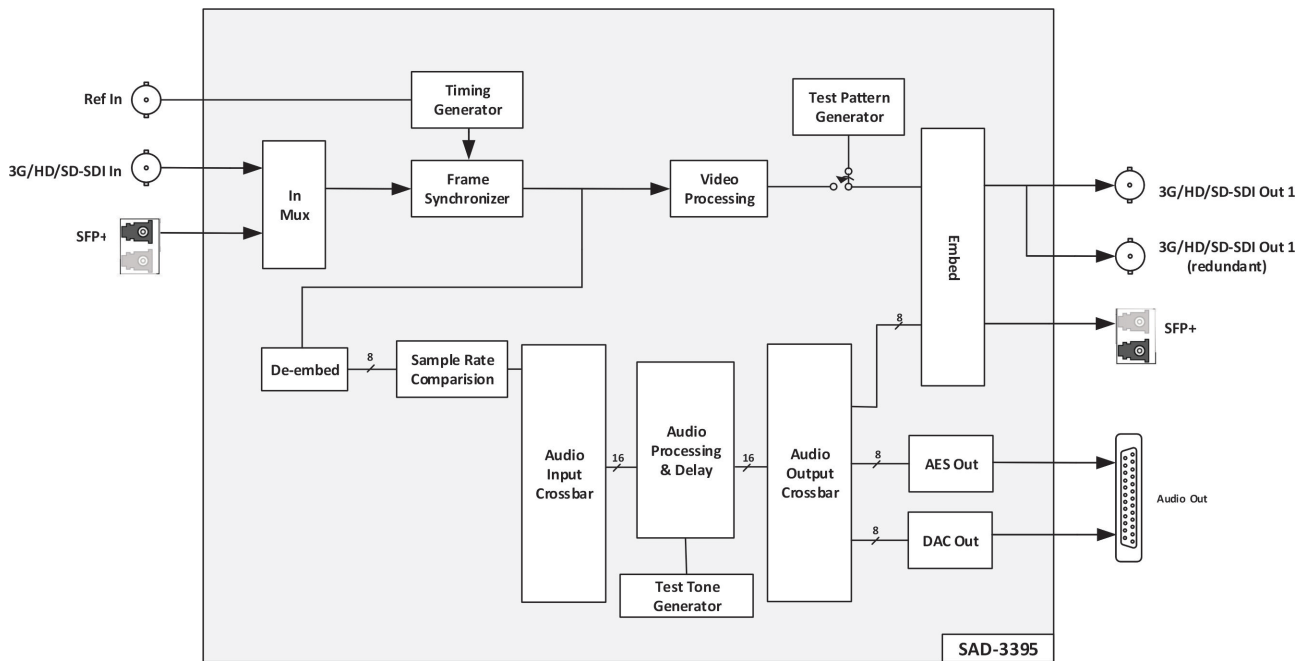
## Key Features

- Eight pair audio de-embedder & embedder
- Up to x8 AES outputs
- Up to x8 analog mono audio outputs
- Frame synchronizer with tri-level or bi-level reference input
- Horizontal/Vertical timing adjustment respect to reference input
- Auto freeze, black, last frame, or pattern on input video loss
- Internal pattern and test tone generator
- Audio processor: Any to any input/output pair routing, gain control on each channel, invert and mute control on each channel, swap left/right audio of each pair, silence or overload detection
- Audio delayer: Up to 10 seconds for each processed pair (1ms steps)
- Easy configuration via web-based user interface
- Firmware Remote Upgrade
- Optical I/O via an SFP \*
- Two identical outputs (BNC)
- Two audio I/O slots
- Ancillary data transparency \*

Back Panel



Block Diagram



## System Requirements

Type	Product	Description
Frame	SRM-0645	1RU Frame with Controller
	SRM-0655	3RU Frame with Controller

## Ordering Information

Order Code	Description	Type
SAD-3395	3G/HD/SD-SDI Audio De-embedder and Frame Synchronizer	Main Board
SAD-3395-3DRP	Back-panel for SAD-3395 (compatible with SRM-0655)	Back panel
SAD-3395-1DRP	Back-panel for SAD-3395 (compatible with SRM-0645)	Back panel
MOD-APP-DA08	8-Channel Digital Stereo Audio Output Module	Option for Audio I/O Slot #1
MOD-APP-DA04	4-Channel Digital Stereo Audio Output Module	Option for Audio I/O Slot #1
MOD-APP-AA08	8-Channel Analog Mono Audio Output Module	Option for Audio I/O Slot #2
MOD-APP-AA04	4-Channel Analog Mono Audio Output Module	Option for Audio I/O Slot#2
FBR-0259	Video SFP Transceiver, 270M~2.97Gbps, 10km, TX 1310nm, RX 1260~1620nm	Accessory

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