

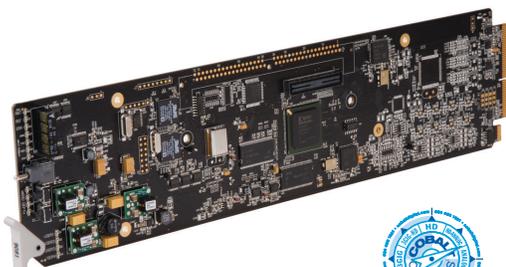


# 9305 » EMBEDDED AUDIO DELAY PROCESSOR

with Optional Audio Upmixing

## OPTIONS

Linear Acoustic® Upmixing (+UM)



The 9305 is an embedded audio delay processor that receives an HD/SD-SDI signal, de-embeds all audio data, allows for independent delay for each channel, and re-embeds the audio into the SDI video stream. The active picture and all non-audio ancillary packets are left untouched. The card also features user control of gain and polarity for each channel.

An upmixer software option, featuring Linear Acoustic® technology, converts a stereo signal to a representative 5.1 surround signal. The upmix can be manually enabled, or operate in an automatic mode, where the upmixer monitors the input audio for stereo audio and replaces it with 5.1 surround. User controls are also provided for audio center width and surround field depth.

## » FEATURES

Audio channel mapping and level control

Independent delay for all 16 channels; pair delays can be locked

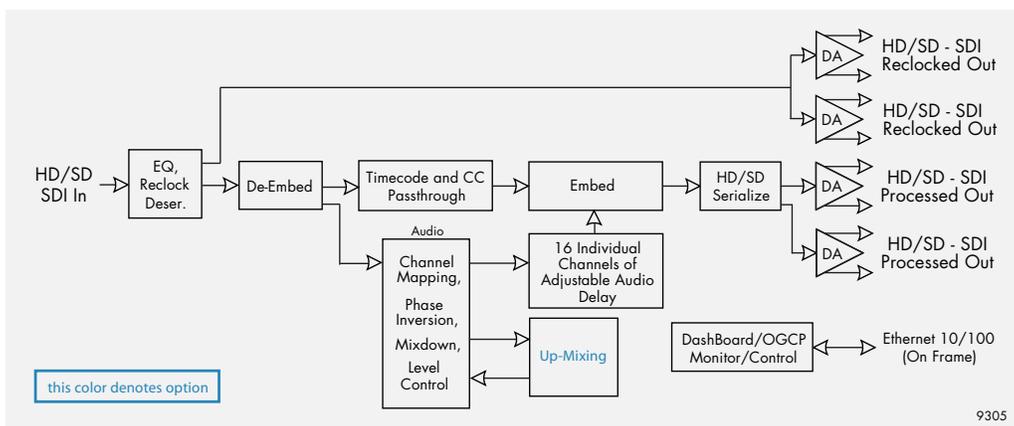
Adjustable delay up to 10.5 seconds per channel

Local or remote user controls

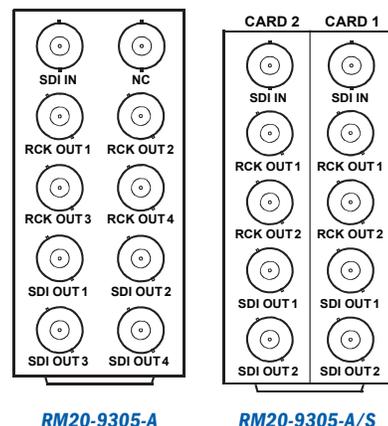
Optional audio upmixer featuring Linear Acoustic® technology (2.0 stereo ->5.1 surround)

Remote control/monitoring via DashBoard™ software or OGCP-9000 remote control panel

Five year warranty



9305



## » SPECIFICATIONS

### Electrical

Power: 7 watts

### HD/SD-SDI Input

Number of Inputs: 1  
Standard: SMPTE 292 and 259M  
Return Loss: >15 dB at 5 MHz - 1.485 GHz

### Embedded Audio Delay

Maximum Per Ch: 10.5 seconds  
Delay Increment: 0.01 ms

### Upmixer

Number of Input Channels: 2 or 6  
Number of Output Channels: 6

### HD/SD-SDI Output

Number of Outputs: 4 processed, 4 reclocked  
Standard: SMPTE 292 and 259M  
Signal Level: 800 mV nominal  
Return Loss: >15 dB at 5 MHz - 270 MHz  
>12 dB at 270 MHz - 1.485 GHz  
Jitter: HD: < 0.15 UI  
SD: < 0.10 UI  
Embedded Audio: 16-Ch SD/HD

## » ORDERING INFORMATION

**9305** Embedded Audio Delay with Audio Processing, Independent Audio Delay per Channel

**RM20-9305-A** 20-Slot Frame Rear I/O Module (Standard Width) HD/SDI Input, 4 HD/SD-SDI Reclocked Outputs, 4 HD/SD-SDI Processed Outputs

**RM20-9305-A/S** 20-Slot Frame Rear I/O Module (Split) Dual HD/SDI Input, 2 HD/SD-SDI Reclocked Outputs per card, 2 HD/SD-SDI Processed Outputs per card

