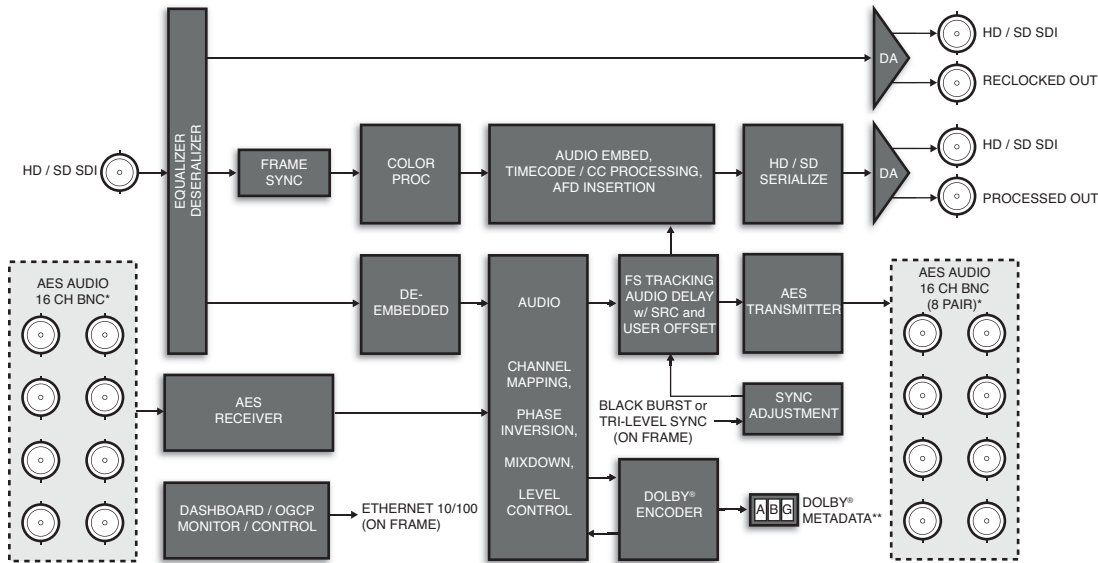
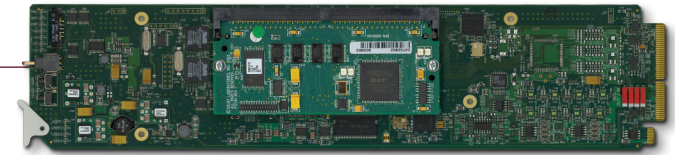


FSE-8241-D HD SD FS DOLBY AES

HD / SD SDI Frame Synchronizer with Dolby® Digital Encoding

Frame synchronizing with Dolby® Digital encoding and audio embedding / de-embedding.



-R2 supports 4 AES I/O pairs;
-R2M supports 8 AES I/O pairs.

Dolby® metadata port is only available with the -R2M rear module.

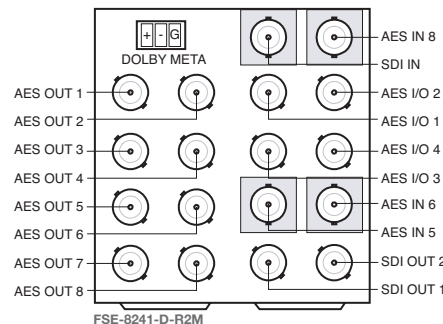
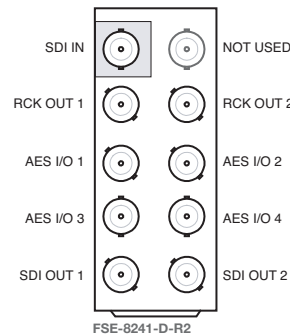
Ordering Information

HD / SD SDI Frame Synchronizer with Dolby® Digital Encoding

FSE-8241-D HD / SD SDI Frame Sync w/ Dolby® Digital Encoding

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

-R2 Rear Module for FSE-8241-D
-R2M Metadata Rear Module for FSE-8241-D



The FSE-8241-D is an HD / SD SDI frame sync and Dolby® Digital encoder with 16 channels of audio embedding or de-embedding. The Dolby® Digital (AC-3) encoder receives up to 6 different audio sources, from either embedded or discrete inputs and produces an encoded Dolby® pair using either received external metadata or internally generated metadata that can be user-defined using the encoder controls. The encoded pair can be sent from the card as embedded audio or over discrete AES3 connections as a SMPTE 337M-formatted non-PCM signal.

The FSE-8241-D offers glitch-free handling of embedded audio during frame synchronization and a user-adjustable offset to the frame sync to align the Dolby® delay. Video and audio processing controls as well as flexible timecode processing, closed captioning support and AFD code insertion, provide complete signal management for all incoming signals.

Key Features

- Handles all popular formats of SD (270Mb/s) and HD (1.485Gb/s) signals
- Glitch-free handling of embedded audio when a frame is dropped or duplicated
- Dolby® Digital encoding with optional metadata output
- 16 channels of discrete audio embedding or de-embedding
- User offset to frame sync to align Dolby® delay
- AFD code insertion
- HD / SD closed captioning and flexible timecode support
- Frame sync with up to 13 frames of user-adjustable delay
- 4 internal tone generators
- 5-year transferable warranty