

AJA FS2 Dual Channel Frame Synchronizer and Converter

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Rentex Product No. XVP2180



Mfr Part No. FS2

The AJA FS2 Dual Channel Frame Synchronizer and Converter supports two independent streams of 3G/HD/SD 10-bit Broadcast quality video and two independent groups of 16-channel AES audio simultaneously. Each individual video channel supports analog component or composite, 3G/HD/SD-SDI, Dual-Link, and HDMI I/O inputs/outputs. You can use the FS2 as two separate frame synchronizers/format converters, or the two channels can be linked with the internal keyer to do the work of multiple devices, such as HD sidebar keying where both the video and background graphics are up converted and combined. Each channel features still-store, keyer, and video proc amp/color corrector offering more expansion options.

Features

- 3G-SDI, HDMI, Component, & Composite I/O
- Supports Dual 10-Bit Video Signals
- 16-Channel AES Audio per Signal
- Dual Video and Audio Processors
- Up/Down/Cross-Conversion
- SD Aspect Ration Conversion

Detailed Specifications

Input/Output Dual SDI inputs and outputs: Dual-link 1080p60, 1080p59.94, 1080p50, YCbCr(4:2:2), 3G/HD/SD-SDI, SMPTE 259-C/274/292/372/425-A/425-B; HDMI Input (RGB or YCbCr 4:2:2); HDMI Output (YCbCr 4:2:2); HD component YPbPr/RGB (RGB is output only), SMPTE-274; SD component/composite; Reference Input (color black or tri-level); Optional: 2 fiber inputs and 2 fiber outputs via optional SFP modules/LC connectors

Video Formats 525i 29.97; 625i 25; 720p 50, 59.94, 60; 1080i 25, 29.97, 30; 1080PsF 23.98, 24; 1080p 24, 25, 30

A/D Conversion Video A/D, D/A: 12-bit; 2x oversampled (HD); 4x oversampled (SD); Audio A/D, D/A: 24-bit, 48 kHz

Audio 8-channel balanced, 25 pin D (Tascam pinout); 16-channel AES/EBU 25 pin D; 32 input channel mapping; 16-channel 3G/HD/SD-SDI embedded; Audio levels: • +12 dBu, +15 dBu, +18 dBu, +24 dBu (Full Scale Digital)

LAN 10/100/1000 Ethernet (RJ-45) Embedded Webserver HTTP v1.1

GPI 4 x GPI input, TTL, isolated 4 x GPI output, TTL, isolated

Operating Temperature 32 to 104°F (0 to 40°C)

Power 100 to 240 VAC, 50/60 Hz Dual, redundant power supplies, 55 W typical, 80 W max., 15 A max.

Dimensions 17.25 x 14.5 x 1.75" (43.81 x 36.83 x 4.44 cm)

Weight 7.85 lbs (3.56 kg)