

CONVERTER



PRODUCT LINE CATALOG



SPRING08

In



Upconvert • Downconvert • Crossconvert
Aspect Ratio Convert • Close-Caption Convert
A/D & D/A Convert • Video Proc Amp • Audio Process

Out

	8-BIT	10-BIT	RGB Output	RGB Input	Component YPbPr/RGB to SDI	Composite Y/C NTSC/PAL to SDI	SDI to YPbPr/RGB to SDI	SDI to NTSC/PAL Component	SDI to SDI/PAL Composite	Frame Sync/Reclocking Loop	HD-SDI to HD YPbPr/RGB	HD YPbPr/RGB to HD-SDI	HD-SDI to HD-SDI DA	SDI to SDI/PbPr/RGB/Y/C/	HD-SDI to SDI	Dual Rate	Audio Embed/Disembed	Audio Conversion	Audio Reference Generator	Passes Audio To Output(s)	+5 to +18Vdc
D4E	X						X														
D5CE	X		X				X	X	X												
D5D	X					X															
D5PSW	X	X																			
D10AD	X	X		X	X	X															
D10A	X	X		X	X																
D10C	X	X	X				X	D2	X												
D10C2	X	X	X				X	X	X												
D10CE	X	X	X				X	X	X												
D10CEA	X	X	X				X	X	X							X				X	
D5DA	X	X							X												X
R44E	X							X													
R5CE	X		X				X	X	X												
RD5CE	X		X				X	X	X												
R10CE	X	X	X				X	X	X												
R20AD	X	X		X	X	X															X
R20CE	X	X	X				X	X	X	X											
R20DA	X	X							X												X
RD20DA	X	X							X							X					X
RH10MD	X		X				X	X	X			X	X		X	X					X
RD10MD	X						X	X	X			X	X		X	X					X
RH10DA	X	X							X			X			X						X
RH10UC	X	X							X			X		X							X ¹
FS1		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3GM	X	X							X							X					X
3GDA	X	X							X			X				X				X	X
ADA4																	X	X	X	X	
HD10C2	X	X	X				X	X	X		X				X						X
HD10A	X	X		X	X						X										
HD10AVA	X	X		X	X	X					X					X	X			X	X
HD10AM									X							X	X			X	X
HD10AMA									X							X	X			X	X
HD10CEA	X		X				X	X		X			X			X	X			X	X
HD10MD3	X	X	X				X	X	X			X	X		X	X				X	X
HD5DA	X	X									X					X				X	
HD10DA	X	X							X			X				X				X	X
HDP	X										X					X	X			X	X
Hi5		X														X	X			X	
HA5		X														X	X			X	
GEN10																		X			X

¹ RH10UC passes audio on up-convert, but not in HD Framesync mode

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AJA Warranty Information

All AJA Video Converters carry a 5-year warranty from the date of purchase against defects in material and workmanship. AJA Video, at its option, will repair or replace each defective product with a similar or better product. This warranty shall be limited to defects which were not caused by misuse, abuse, improper handling, tampering or attempts to repair by any unauthorized repair service. This warranty is limited solely to the above and only for the period set forth. The manufacturer will not be liable for any loss or damage incidental or consequential of any kind, whether based on warranty, contract or negligence arising in connection with the sale, use or repair of the product. The manufacturer's maximum liability shall not in any case exceed the sale price.

FS1 Universal SD/HD Audio/Video Frame Synch and Converter

FS1

FS1 Universal SD/HD Audio/Video Frame Synchronizer and Converter

Features

- Universal HD/SD Audio/Video Frame Synchronizer and Converter
- SD ↔ HD up/down conversion
- SD ↔ SD aspect ratio conversion
- HD ↔ HD cross conversion (720p/1080i)
- Dual HD/SD SDI Inputs and Outputs
- Component Analog HD/SD Input and Output
- Composite/S Video Input and Output with TBC
- 8 Channel AES and Balanced Analog Audio inputs and outputs
- 8 Channel Embedded Audio I/O
- Fully Redundant Power Supplies Standard
- 10/100 LAN with DHCP, SNMP and Embedded Web Server for Remote Control
- Video Proc Amp
- Audio Processor
- Closed Caption Support – Including SD to HD upconversion



Featuring a flexible “everything in, everything out” architecture, the FS1 can simultaneously work with both HD and SD video—all in full 10-bit Broadcast quality video and 24-bit audio. The FS1 supports virtually any input or output, analog or digital, HD or SD. The FS-1 can up- or down-convert between SD and HD, and provide simultaneous HD and SD outputs. Cross-conversions between HD formats are also supported, with simultaneous output of both formats. For audio, the FS1 supports 8-channel AES, Balanced analog, or embedded audio with full flexibility. The FS-1 supports closed captioning and the conversion of closed captioning between SD and HD formats. The FS-1 is also network ready, supporting SNMP monitoring and web-based remote control.

Specifications

Video Inputs and Outputs:	Dual SDI/HD-SDI, SMPTE 259/274/292/296 HD component YPbPr/RGB (RGB is output only), SMPTE-274 SD component/composite/YC (S Video)
Video A/D, D/A:	12-bit 2x oversampled (HD) 4x oversampled (SD)
Audio Inputs and Outputs:	8 Channel Balanced, 25 pin D (Tascam pinout) 8 Channel AES (BNC) 8 Channel SDI/HD-SDI Embedded
Audio A/D, D/A:	24-bit, 48Khz
Audio levels:	+12dBu, +15dBu, +18dBu, +24dBu, (Full Scale Digital)
LAN:	10/100 auto config, auto cable crossover Embedded Webserver, HTTP v1.1
GPI:	2x GPI input, TTL, isolated 2x GPI output, TTL, isolated
Physical:	1 RU, 12 inches deep, fan cooled
Power:	100-240 VAC, 25 watts Fully Redundant, diode isolated

Input	Possible Output Formats		
525i59.94	525i59.94	720p59.94	1080i59.94
720p59.94	525i59.94	720p59.94	1080i59.94
1080i59.94	525i59.94	720p59.94	1080i59.94
1080pSF23.98	1080pSF23.98	1080i59.94	525i59.94
625i50	625i50	1080i50	720p50
720p50	625i50	1080i50	720p50
1080i50	625i50	1080i50	720p50
1080pSF24	1080pSF24	1080i60	
1080i60	1080i60	720p60	
720p60	720p60	1080i60	

- Notes:**
1. In the case of 1080pSF/23.98 input—and when 1080i59.94 (or 525) is selected as an output format, the FS1 automatically does 3:2 pulldown to get the correct frame rate. Similarly, in the case of 1080pSF/24 input, FS1 automatically does 3:2 pulldown to get the correct frame rate.
 2. When passing 24 or 60 framerate video, the standard definition outputs will not output valid video (the FS1 is not a framerate converter).

Front



Rear



3GM

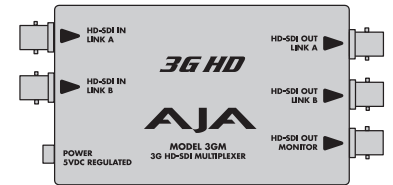
NEW 3GM 3G/1.5G HD-SDI Multiplexer

Features

- Compact 3G to/from 1.5G conversion
- SMPTE425M-AB inputs, 3G outputs configurable to A or B
- Converts SMPTE425M A to/from SMPTE425M B
- Provides SMPTE292 monitor output for dual 1.5G or 3G inputs
- Fully equalizing and re-clocking with jitter attenuation
- Passes all ancillary data



The 3GM is versatile and economical tool for interconnecting dual-link 1.5G SMPTE372M and 3G SMPTE425M. 3GM is bi-directional - allowing dual 1.5G to 3G or 3G to dual 1.5G conversion. Additionally, 3GM's 3G HD-SDI output is configurable for SMPTE425M type A or B. The 3GM can even convert 3G from/to type A or B. 3GM also provides a monitor output which is a single link SMPTE292M 1.5G HD-SDI. The 3GM is also compatible with SMPTE259M 270Mb SDI.



Specifications

- Formats: 3Gb, 1.5Gb, 270Mb Auto Select
- Video Inputs: 2 HD-SDI, SDI (SMPTE 259/292/296/424), 2x BNC
- Video Outputs: 3G HD-SDI, HD-SDI, SDI, 3x BNC
- Size: 4.6" x 2.4" x 1" (117 x 61 x 25mm)
- Power: +5VDC Regulated, 4 Watts, Requires Power Supply

NEW 3GDA 1x6 3G/HD/SD Reclocking Distribution Amplifier

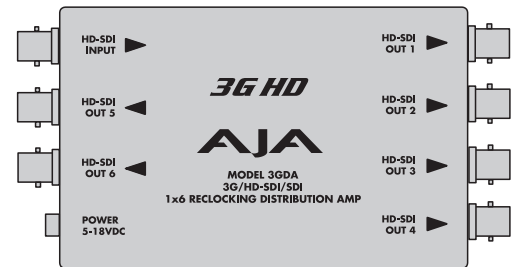
Features

- Compact SD/HD Distribution
- Six Separately Buffered Outputs
- Miniature Size
- 120m 3G cable equalization (1694 coax)
- 3g HD-SDI, HD-SDI or SDI input, auto sensing
- Passes all ancillary data
- +5-18V power supply



The 3GDA is a miniature, low-cost 1x6 3G HD-SDI/HD-SDI/SDI re-clocking distribution amplifier. Featuring six separately buffered SDI outputs, the 3GDA provides automatic input detection, re-clocking and cable equalization.

3GDA



Specifications

- Formats: 3Gb, 1.5Gb, 270Mb Auto Select
- Inputs: 1 HD-SDI, SDI (SMPTE 259/292/296/424), 1x BNC

Outputs: 3G HD-SDI, HD-SDI, SDI, 6x BNC
Equalizing and re-clocking

Power: +5-18VDC, Regulated, 3 watts

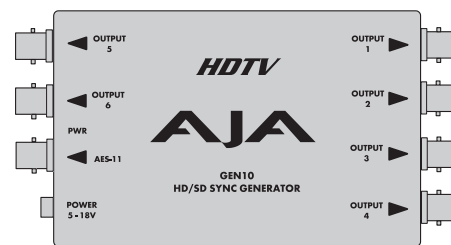
Size: 5.8" x 2.4" x 1" (131 x 61 x 25mm)

GEN10

GEN10 HD/SD Sync Generator

Features

- HD Tri-level sync generation
- SD Color Black or Color Bars
- Two groups of independently switchable outputs allows simultaneous HD and SD sync generation
- AES-11 output switchable between silence and tone
- Multiple outputs can synchronize entire systems without requiring a Sync DA
- 5-18VDC Power
- External Dip Switch Configuration



The GEN10 is a cost effective and flexible SD/HD/AES sync generator. The GEN10 features 7 outputs including 2 groups of independently controlled SD/HD sync outputs and 1 AES-11 output. The SD outputs can be switched between Color Black or Color Bars. HD tri-level sync can be switched between 19 different HD formats including all that are in use today. The AES-11 output can be switched between SILENCE and TONE. All outputs are in sync with each-other and are sourced from an accurate master time base.

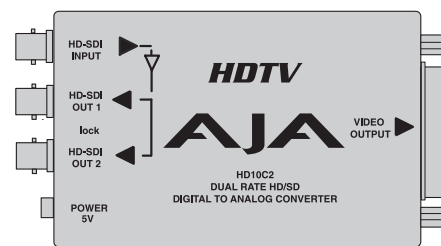
Specifications

HD Sync:	Trilevel	Formats:	525i, 625i 720p23.98/24/25/29.97/30/60 1080i50/59.94/60 1080psF23.98/24/25/29.97/30 1080p23.98/24/25/29.97/30
SD Sync:	Color Black, 75% Color Bars	User Controls:	(External Dipswitch)
AES:	AES-11, 48KHz, Silent or 1KHz Tone (-20dBFS for NTSC, -18dBFS for PAL)	Size:	5.8" x 3.1" x 1" (147 x 79 x 25 mm)
Accuracy:	3 ppm	Power:	+5-18VDC, 2 watts Requires Power Supply

HD10C2 HD-SDI and SDI Digital to Analog Converter

Features

- High-Quality 10-bit Dual Rate HD/SD D/A Conversion
- Full Bandwidth HD Analog RGB or YPbPr Output (HD input)
- Component/Composite SD Output (SD input)
- 2 Equalized Loop-Thru HD-SDI/SDI Outputs
- RGBHV VGA style HD output using supplied adapter
- HD Sync Selectable Between Bi-level and Tri-Level
- 4:3 Safe Area Graticule (HD)
- 5-18VDC Power
- External Dip Switch Configuration



The HD10C2, AJA's second generation HD D/A converter, brings exciting new features. In addition to being a high-quality 10-bit HD converter, the HD10C2 is "dual-rate" and works with both HD-SDI and SDI inputs. For HD-SDI inputs, the HD10C2 outputs full bandwidth HD component or "VGA" style RGBHV video. For SDI inputs, component or composite SD outputs are supported. When connected to a multi-format monitor like the Sony 20L5, the HD10C2 will automatically provide an image from almost any HD or SD input format. The HD10C2 also features 2 equalized HD-SDI outputs. A breakout cable and SVGA adapter are included.

Specifications

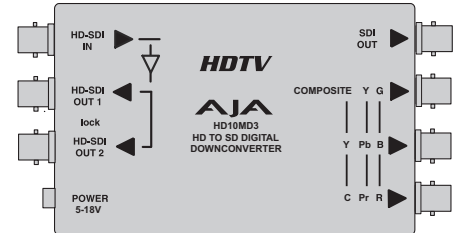
Formats:	HD: 1080i 50/59.94/60 Hz 1080psf 23.98/24/25/29.97/30 Hz 720p 59.94/60 Hz SD: 525 59.94Hz, 625 50Hz (Automatic Configuration)	Sync:	HD: Tri-level or Bi-level, H/V Drive SD: normal SD sync
Input:	HD-SDI or SDI SMPTE 259/292/296, 10-bit, BNC	Frequency Response:	HD: Y +0, -.5db to 30 MHz, C +/- .25db to 13 MHz SD: Y +/- .25db to 5.5 MHz, C +/- .25db to 2.5 MHz
Input Equalization:	125 meter 1694 Cable	User Controls:	(External Dipswitch) YPbPr/RGB Component/Composite (SD) SD Pedestal SD Blanking HD 4:3 Graticule SD NTSC/NTSC-J Sync on Video on/off
Outputs:	HD: YPbPr, RGB (SMPTE-274) SD: YPbPr (SMPTE/N10, Beta® RGB, Y/C, NTSC/PAL®) 13W3 wideband analog output connector (cable supplied) HD-SDI/SDI equalized loop-thru, 2 x BNC	Size:	5.8" x 3.1" x 1" (147 x 79 x 25 mm)
		Power:	+5-18VDC, 4 watts Requires Power Supply

HD10MD3

HD10MD3 HD-SDI to SDI/Analog Downconverter

Features

- Low-Cost Broadcast-Quality 10-bit HD to SD Downconverter
- Multi-Standard HD-SDI or SDI Input
- 2 Equalized Loop-Thru HD-SDI/SDI Outputs
- SDI and Component/Composite Analog Outputs
- 3/2 Pulldown for 23.98/24 Hz p/psf inputs
- Full 10-bit Data Path, Multi-point Interpolation
- Configurable for 16:9 or 4:3 Monitors
- Letterbox and Crop Modes
- 4:3 Safe-Zone Graticule
- Passes 8 Ch embedded Audio, 4 Ch on Downconvert
- 5-18VDC power
- External Dip Switch Configuration



The HD10MD3 is a miniature digital downconverter for converting HD-SDI video to broadcast-quality standard definition SDI and analog component/composite video. The HD10MD3 uses a full 10-bit data path and multi-point interpolation to produce excellent quality down-converted video. In addition, the HD10MD3 converts 23.98/24Hz 1080psf/p to 59.94Hz output video using the standard 3:2 pull-down technique. If present, the HD10MD3 will use RP-188 timecode to set the 3:2 pull-down cadence. The output can be formatted for either 4:3 or 16:9 standard definition monitors. For 4:3 monitors both Letterbox and Crop modes are supported. 8 Ch embedded audio is passed to the SDI output. The HD10MD3 is also dual-rate in that SDI inputs will also pass to the SDI and analog outputs.

Specifications

Formats: 1080i 50/59.94/60 Hz
1080p/psf 23.98/24/25/29.97/30 Hz
720p 23.98/24/25/29.97/30/50/60 Hz
(Automatic Configuration)

Inputs: HD-SDI or SDI SMPTE 259/292/296, 10-bit, BNC

Outputs: SDI, SMPTE 259M, 10-bit, BNC
YPbPr - SMPTE, EBU-N10, Betacam
RGB, NTSC, PAL, YC (S-Video), 10-bit
3 x BNC

Downconversion: Multi-point interpolation, 10-bit processing
3:2 conversion for 23.98/24p/psf inputs

Frequency Response: Y +0, -.5db to 30 MHz
C +/- .25db to 15 MHz

User Controls: (External Dipswitch)
Output Video Format
4:3/16:9 Monitor Select
Letterbox/Crop
Pedestal (Output)
4:3 Safe-Zone Graticule Overlay

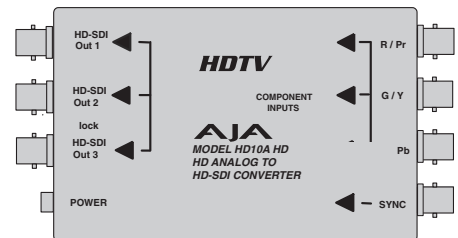
Size: 5.8" x 3.1" x 1" (147 x 79 x 25 mm)

Power: 5-18VDC, 5 watts
Requires Power Supply

HD10A HD Analog to HD-SDI Converter

Features

- High-Quality 10-bit HDTV A/D Conversion
- Full Bandwidth Component HD RGB or YPbPr Input
- 3 HD-SDI Outputs
- Multi-Standard
- Internal or External Sync
- External Dip Switch Configuration
- Optional 12V Power



The HD10A is a miniature, high-quality, 10-bit analog to digital converter for HDTV. A companion to the popular HD10C2 D/A converter, the HD10A can add an HD-SDI output to cameras, computers with HD RGB, VTRs, or other analog-only high definition equipment. The HD10A accepts RGB or YPbPr analog HD and outputs three duplicate HD-SDI signals. Works in 1080/1035i and 720p with internal or external sync (tri-level).

Specifications

Formats: 1080i 50/59.94/60 Hz
1080psf 23.98/24
1035i 50/59.94/60 Hz
720p 23.98/24/29.97/30/59.94/60 Hz

Inputs: YPbPr, RGB (SMPTE-274), 3 x BNC
External Sync, 1 x BNC

Outputs: HD-SDI, SMPTE-292/296
3 x BNC

Frequency Response: Y +0, -.5db to 30 MHz
C +/- .25db to 15 MHz

User Controls: (External Dipswitch)
RGB/YPbPr input
1.00/1.001 clock
Internal/External Sync

Size: 5.8" x 3.1" x 1" (147 x 79 x 25 mm)

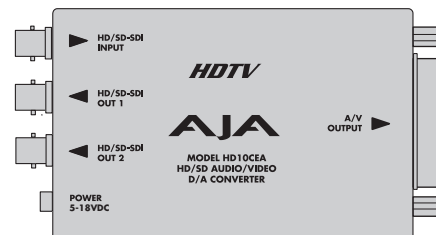
Power: +5VDC regulated, 4.5 watts
Requires Power Supply

NEW

HD10CEA SDI/HD-SDI to Analog Audio/Video

Features

- Digital to Analog Audio and Video Converter
- SDI/HD-SDI with Embedded Audio Input
- SD Component or Composite Video Outputs (SD Input)
- HD Component Video Outputs (HD Input)
- 4 Channel Balanced Audio Output
- 2 Equalized, Loop-Thru SD/HD-SDI Outputs
- Selectable Audio Channel Pair/Group



The HD10CEA converts SDI/HD-SDI video with embedded audio to analog video and 4 channel balanced analog audio. SD video outputs can be configured as YPbPr (Betacam or SMPTE/EBU-N10), RGB, composite or YC (S-Video). HD video outputs can be configured as YPbPr or RGB. The analog audio outputs can be wired in a balanced or unbalanced configuration. The 4 audio channels can be selected from group 1-4. Audio and video output connections are available on a 25 pin "D" subminiature connector (breakout cable supplied). All video/audio configuration is done by external dipswitch selection. This versatile, low-cost, miniature monitoring solution also outputs two loop-thru SDI/HD-SDI outputs.

Specifications

Inputs: SDI/HD-SDI w/Embedded Audio, 1x BNC

Outputs: SD Video: YPbPr - SMPTE, EBU-N10, Betacam, RGB, NTSC, PAL, YC (S-Video)
 HD Video: YPbPr, RGB
 Audio: 4 Channel Balanced/Unbalanced
 Video/Audio Outputs on 25 Pin D Connector
 2 SDI/HD-SDI Equalized Loop-Thru, 2x BNC

User Controls:

External Dipswitch
 Video Format
 Pedestal
 H/V Blanking
 Audio Group 1 - 4
 Audio Level (adjustable via switch selection):
 +24, +18, +15, +12 dBu, Full Scale Digital

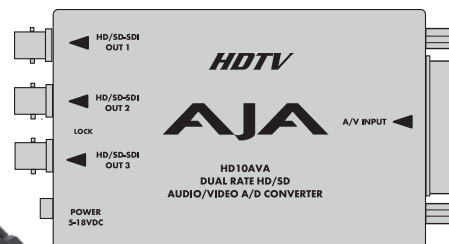
Size: 5.8" x 3.1" x 1" (147 x 79 x 25mm)

Power: +5-18VDC, Regulated, 4 Watts
 Requires Power Supply

HD10AVA SD/HD Analog Composite or Component Video and 4 Ch Analog Audio to SD/HD-SDI w/Embedded Audio

Features

- High-Quality SD/HD Audio/Video A/D Converter
- SD Component, Composite or Y/C Video Input
- HD Analog Component Video Input
- Four Channel Balanced Analog Audio Input
- 3 SDI/HD-SDI w/embedded Audio Outputs
- 12 Bit Video, 24 Bit Audio A/Ds
- Automatic Multi-Standard
- External Dip Switch Configuration
- 5-18V Power



The HD10AVA is a miniature, high-quality, audio/video, HD/SD A/D converter. The HD10AVA automatically detects the video input format and embeds the audio inputs in the SDI/HD-SDI outputs. The HD10AVA is useful for adding an SDI/HD-SDI audio/video output to tape decks or any professional video equipment with analog outputs. The HD10AVA is especially useful for adding HD-SDI outputs to most HDV cameras or decks by using the component outputs of such devices. The HD10AVA uses a breakout cable for audio/video inputs and provides 3 SDI-HD-SDI on BNCs.

Specifications

Formats: 1080i 50/59.94/60 Hz
 1080psf 23.98/24/25 Hz
 1035i 50/59.94/60 Hz
 720p 50/59.94/60 Hz

Video Inputs: HD component YPbPr, (SMPTE-274), BNC
 SD component/composite/YC (S Video), BNC

Audio Inputs: 4 Channel Balanced, XLR

Outputs: SDI, HD-SDI, SMPTE-259/292/296, 3 x BNC

Video A/D: 12 bits

Audio A/D's: 24 Bits, 48Khz

Audio levels: +24, +18, +15, +12 dBu, Full Scale Digital

User Controls: (External Dipswitch)
 Component/Composite (SD)
 Composite/YC (SD)
 Pedestal Present (on/off) (SD)
 Audio Input Level
 Embed Audio on/off

Size: 5.8" x 3.1" x 1" (147 x 79 x 25 mm)

Power: +5-18VDC, 5 watts, Requires Power Supply

HD10DA 1x6 HD/SD Distribution Amplifier

Features

- Compact SD/HD Distribution
- Six Separately Buffered Outputs
- Miniature Size
- 125m HD cable equalization (1694 coax)
- HD-SDI or SDI input, auto sensing
- Bi-color LED indication of input lock and rate
- Passes all ancillary data
- +5-18V power supply
- No dip switches or configuration required



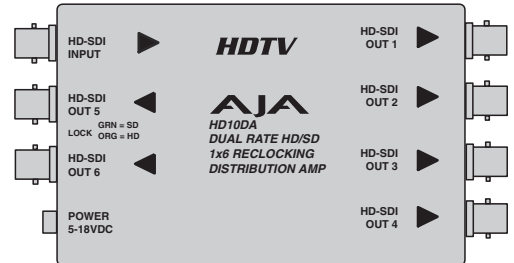
The HD10DA is a miniature, low-cost 1x6 SD/HD (dual-rate) re-clocking distribution amplifier. Featuring six separately buffered HD-SDI outputs, the HD10DA provides automatic input cable re-clocking and equalization to 125 meters.

Specifications

Formats: 1.5Gb, 143, 177, 270, 360 Mb, Auto Select

Inputs: 1 HD-SDI,
SDI (SMPTE 259/292/296),
1x BNC

HD10DA



Outputs: HD-SDI, SDI,
6x BNC Equalizing and re-clocking

Power: 5 to 18VDC Regulated, 2.5 Watts
Requires Power Supply

Size: 5.8" x 3.1" x 1" (147 x 79 x 25 mm)

HD5DA 1x4 HD-SDI/SDI Distribution Amplifier

Features

- Compact HD-SDI/SDI Distribution
- Four Separately Buffered HD-SDI/SDI Outputs
- Auto Equalization
- Acts As Low-Cost Repeater
- Automatic Multi-Standard 143/177/270 Mb, 1.5Gb
- Miniature Size



The HD5DA is a miniature, low-cost 1x4 HD-SDI/SDI distribution amplifier/repeater. Featuring four separately buffered HD-SDI/SDI outputs, the HD5DA provides automatic input cable equalization to 100 meters and automatically adapts to 143, 177, 270, 360 Mb, and 1.5Gb.

Specifications

Formats: 1.5Gb, 143, 177, 270, 360 Mb, auto select

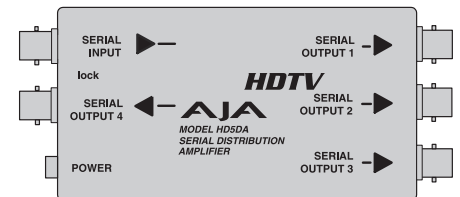
Inputs: 1 HD-SDI, SDI (SMPTE 259/292/296), 1 x BNC

Outputs: 4 HD-SDI, SDI, 4 x BNC
Equalizing

Size: 5.1" x 2.4" x 1" (131 x 61 x 25 mm)

Power: +5VDC Regulated, 2.5 Watts
Requires Power Supply

HD5DA

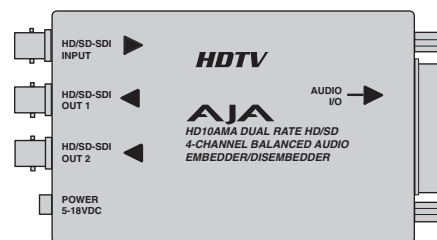


HD10AMA

HD10AMA HD/SD 4 Channel Analog Audio Embedder/Disembedder

Features

- Dual rate HD-SDI/SDI Embedder/Disembedder
- 4 Channel Balanced Analog Audio I/O
- Supplied XLR breakout cable
- HD-SDI/SDI input, 2 HD-SDI/SDI outputs
- Dipswitch configuration
- 5-18VDC Power



The HD10AMA is a dual rate 4 channel analog audio Embedder/Disembedder. The Disembedder is always functional providing 4 outputs. The Embedder is user selectable, on a channel pair basis, to either "pass" input audio or embed input audio from the breakout cable. Analog audio levels are selectable. The HD10AMA automatically detects and configures to the input video standard.



Specifications

Formats: HD SMPTE 292/296M
SD SMPTE 259M
(Automatic Configuration)

Video Input: HD-SDI or SDI BNC
Outputs: follows input, 2 x BNC

Audio Inputs: 4 x Balanced Analog Audio, XLR
Outputs: 4 x Balanced Analog Audio, XLR
Audio Levels (Full Scale Digital): +24dBu, +18dBu, +12dBu, +6dBu
Audio Converters: 24 bit

Embedded Audio: SMPTE 272M/299M, 24 bit, 48KHz synchronous

User Controls: (External Dipswitch)
Embedder on/off, Ch pairs 1/2 - 3/4
Input group select 1-4
Output Group Select 1-4
Audio Level: Pro/Consumer

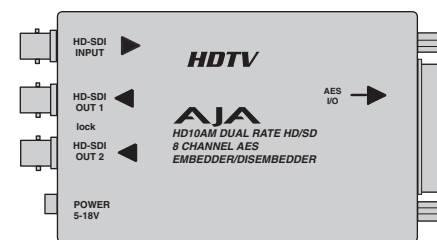
Size: 5.8" x 3.1" x 1" (147 x 79 x 25 mm)

Power: +5-18VDC, 5 watts
Requires Power Supply

HD10AM HD/SD 8 Channel AES Embedder/Disembedder

Features

- Dual rate HD-SDI/SDI Embedder/Disembedder
- 8 Channel AES I/O
- Supplied breakout cable for balanced AES - XLR connectors
- HD-SDI/SDI input, 2 HD-SDI/SDI outputs
- Dipswitch configuration
- 5-18VDC Power



The HD10AM is a dual rate 8 channel AES audio Embedder/Disembedder. The Disembedder is always functional providing 4 AES outputs. The Embedder is user selectable, on a channel pair basis, to either "pass" SDI input audio or embed input AES audio from the breakout cable. AES inputs are sample rate converted to a 48KHz rate synchronous to the video input. The HD10AM automatically detects and configures to the input video standard.



Specifications

Formats: HD SMPTE 292/296M
SD SMPTE 259M
(Automatic Configuration)

Video Input: HD-SDI or SDI BNC

Video Outputs: follows input, 2 x BNC

Audio Inputs: 4 x AES 110 ohm XLR

Audio Outputs: 4 x AES 110 ohm XLR

AES audio: SMPTE 272M/299M, 24 bit, 48KHz synchronous

User Controls: (External Dipswitch)
Embedder on/off, Ch pairs 1/2 - 7/8
Input group select, 1/2, 3/4
Output Group Select, 1/2, 3/4
SRC Bypass

Size: 5.8" x 3.1" x 1" (147 x 79 x 25 mm)

Power: +5-18VDC, 5 watts
Requires Power Supply

HD10AM

ADA4 4-Channel Bi-directional Audio A/D and D/A Converter

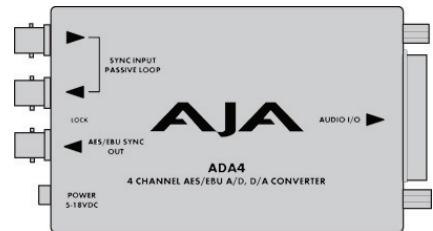
ADA4

Features

- 4 Simultaneous A/D and D/A, or AES Synchronizer
- Full-time AES11 low jitter reference output
- Up to 4 channels of balanced analog to AES/EBU audio
- Up to 4 channels of AES/EBU to balanced analog audio
- Supplied XLR breakout cable
- AES11/Wordclock/Tri-level Sync/Color Black Reference Loop
- Adjustable Audio Levels
- Sample Rate Conversion Between 96KHz and 48KHz
- Dipswitch configuration
- 5-18VDC Power



The ADA4 is a 4 channel converter which can be configured as a 4 channel A/D, a 4 channel D/A, 2 channel A/D and 2 channel D/A, or an AES synchronizer. The ADA4 can accept a AES11, wordclock, or video sync/color black reference input for synchronization. Reference input and synchronization is automatic. Audio levels are configurable via dipswitch control.



Specifications

Analog Audio I/O: Balanced, XLR, one channel per XLR connector
 AES Audio I/O: Balanced 110 ohm, XLR, two channels per XLR connector
 Analog Audio Levels: +24dBu (SMPTE RP155), +18dBu (EBU R68), +12dBu (consumer +10dBv), +6dBu
 Audio Converters: 24 bit, 48/96 KHz
 User Controls: (External Dipswitch)
 Channel 1/2: A/D, D/A
 Channel 3/4: A/D, D/A
 Audio Level: Pro/Consumer
 Audio Level: High/Low

Reference Loop: 75 Ohm (unterminated). HD/SD Sync, AES-11, or Wordclock (48/96 KHz)
 Size: 5.8" x 3.1" x 1" (147 x 79 x 25 mm)
 Power: +5-18VDC, 3 watts
 Requires Power Supply

HDP HD-SDI/SDI To DVI-D And Audio Converter

HDP

Features

- Converts HD-SDI/SDI to DVI-D for LCD/Plasma monitors
- Automatically adapts to most LCD monitors up to 1920 x 1200
- High quality scaling engine for proper display of 4:3 or 16:9 content
- Scaling is 1 to 1 for appropriate monitor configurations
- 2 channel audio output
- 2 HD-SDI/SDI looping outputs
- Flexible 5-18V power supply
- 5 year warranty

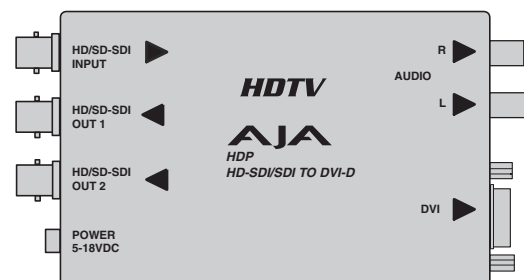
The HDP is designed for general monitoring, perfect for use in applications such as: General post-production reference monitoring, Client monitoring, Presentation, Projection, Corporate displays, Kiosk applications ...and much, much more! The HDP is not intended as a critical viewing device, for applications such as color-correction, etc. We recommend professional/broadcast grade monitors for such critical applications.

The HDP is a miniature HD-SDI/SDI to DVI-D converter for LCD or Plasma monitors. Using a very high quality scaling engine, the HDP will automatically size 4:3 or 16:9 inputs to many DVI-D monitors. For appropriate monitor configurations, scaling is automatically 1 to 1—for example, displaying 1920x1080 video on a WUXGA (1920x1200) monitor. The HDP will also automatically adapt the input frame rate for monitor compatibility. In addition, the HDP provides 2 channel RCA style audio monitoring and 2 looping outputs of the SDI inputs.



Specifications

Inputs: SMPTE-259/292/296 SDI/HD-SDI
 Input Formats: 1080i, 1080p, 720p, 525i, 625i
 Outputs: DVI-D, Audio (2 channel RCA-style outputs), 2 Looping SDI outputs of the SDI inputs
 Maximum DVI resolution: 1920x1200 @ 60Hz
 Power: +5-18VDC, 5 watts, Requires Power Supply
 Size: 5.8" x 2.4" x 1" (131 x 61 x 25mm)



NEW

HA5 HDMI to SDI/HD-SDI Video and Audio Converter

HA5

Features

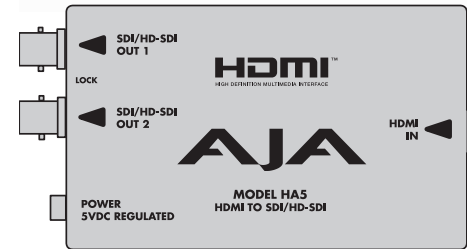
- HDMI to SDI/HD-SDI
- Full HDMI support including embedded audio
- Equalized HDMI input supports long HDMI cables up to 40m
- PLL clock filtering for low jitter SDI/HD-SDI outputs
- Lock LED shows type of input source, SD (green) or HD (red)
- HDMI cable included
- 5 year warranty

The HA5 converts HDMI to SDI or HD-SDI. Up to eight channels of HDMI audio are embedded into the SDI/HD-SDI output allowing a convenient single cable audio/video connection. The HA5 provides two SDI/HD-SDI outputs and supports long HDMI cables on the input. The HA5 is useful for connecting HDMI cameras to SDI/HD-SDI equipment.



Specifications

Input:	HDMI with embedded audio
Input Formats:	525i, 625i, 720p 50/59.94/60, 1080i 50/59.94/60, 1080p23.98, 1080p24, 1080p25, 1080p29.97, and 1080p30
Outputs:	SMPTE-259/292/296 SDI/HD-SDI, 2 x BNC
Power:	+5VDC Regulated, 4 watts, Requires Power Supply
Size:	4.6" x 2.4" x 1" (117 x 61 x 25mm)
Note:	HDCP content not supported



HI5 HD-SDI/SDI to HDMI Video and Audio Converter

HI5

Features

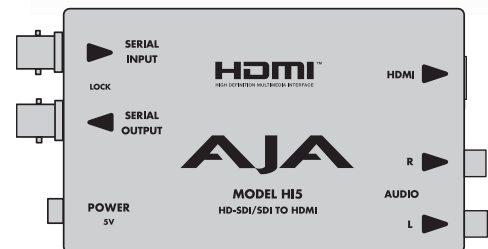
- SDI/HD-SDI to HDMI
- Full HDMI support including embedded audio
- Additional 2 Channel RCA jack audio output
- Equalized looping SDI/HD-SDI output
- No configuration necessary
- HDMI cable included
- 5 year warranty

The HI5 converts SDI or HD-SDI to HDMI for driving HDMI monitors. Embedded SDI/HD-SDI audio is supported in the HDMI output allowing a convenient single cable audio/video connection. The HI5 provides 2 Channel RCA style audio outputs for separate audio monitoring if needed. The HI5 also provides a looping SDI/HD-SDI output useful for connecting additional equipment, or for "daisy chaining" multiple monitors to the same SDI/HD-SDI source.



Specifications

Inputs:	SMPTE-259/292/296 SDI/HD-SDI
Input Formats:	525i, 625i, 720p 50/59.94/60, 1080i 50/59.94/60, 1080p23.98, 1080p24, 1080p25, 1080p29.97, and 1080p30
Outputs:	HDMI with embedded audio Audio (2 channel RCA-style outputs), 1 equalized looping SDI/HD-SDI output
Power:	+5VDC, 3 watts, Requires Power Supply
Size:	4.6" x 2.4" x 1" (117 x 61 x 25mm)
Note:	HDCP content not supported.



D10CE SDI to Component and Composite Analog Converter, 10-bit

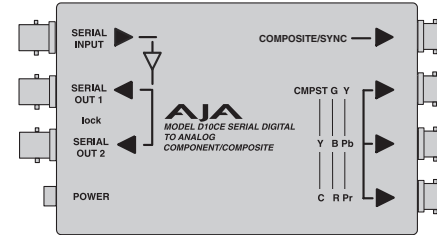
D10CE

Features

- Excellent-Quality 10-bit Universal D/A Conversion
- Full 10-bit Data path, 4x Oversampling
- SDI Input, 2 Re-clocked, Loop-Thru SDI Outputs
- Simultaneous Component and Composite Analog Outputs
- YPbPr, Betacam, or RGB Component Formats
- NTSC or PAL Composite Formats
- Precision PLL Jitter Filter for Stable Composite Outputs
- Digital Noise Reduction
- External Dip Switch Configuration



The D10CE SDI to Analog Video Converter provides excellent-quality 10-bit conversion of SDI to both component and composite video formats simultaneously. The component outputs are user configurable to YPbPr (SMPTE, EBU-N10), Betacam, or RGB (or composite and Y/C). The composite output is configurable to composite video or sync. The component and composite outputs are completely independent including optimum chroma filtering for each and independent pedestal configuration. The D10CE also features an exclusive PLL jitter filter/memory to reduce the effects of SDI jitter on the output analog video. This feature, along with the precision 4x oversampled D/A filters, provides the highest quality analog outputs - including very low phase noise in composite outputs. The D10CE also provides two re-clocked, loop-thru SDI outputs. All functions are user configurable via dip switches.



Specifications

Input: SDI (SMPTE 259M), 1 x BNC

Outputs: (Simultaneous Component and Composite output)
YPbPr - SMPTE, EBU-N10, Betacam, RGB, NTSC, PAL, YC (S-Video) 3 x BNC
NTSC/PAL or Sync, 1 x BNC
Re-clocked loop-thru SDI, 2 x BNC

D/A Converters: 10-bits, 4x oversampling
Clock Jitter Filtering to 2.5Hz

Frequency Response: Y +/- .15dB to 5.5MHz
C +/- .15dB to 2.5MHz (Component)
C +/- .15dB to 1.3MHz (Composite)
Less than .5% K Factor (2T)

User Controls: (External Dip Switch)
Output Video Format
Pedestal On/Off
Narrow/Wide Blanking
Digital Noise Reduction

Power: +5VDC Regulated, 4 Watts
Requires Power Supply

Size: 5.8" x 3.1" x 1" (147 x 79 x 25 mm)

D10C2 SDI to Component or Composite Analog Converter, 10-bit

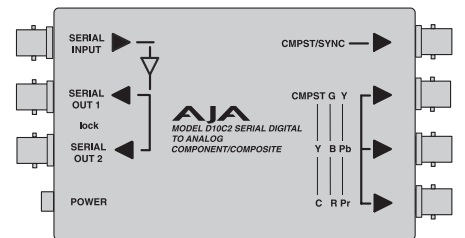
D10C2

Features

- Excellent-Quality 10-bit Universal D/A Conversion
- Full 10-bit Data path, 4x Oversampling
- SDI Input, 2 Re-clocked, Loop-Thru SDI Outputs
- Component or Composite Analog Output
- YPbPr, Betacam, or RGB Component Formats
- NTSC or PAL Composite Formats
- Digital Noise Reduction
- External Dip Switch Configuration



The D10C2 SDI to Analog Video Converter provides excellent-quality 10-bit conversion of SDI to analog component or composite video at low cost. In the Component mode the D10C2 outputs are user configurable to YPbPr (SMPTE, EBU-N10), Betacam, or RGB. In the Composite mode, the D10C2 provides 2 composite outputs and a Y/C (S-Video) output. The D10C2 also provides two re-clocked, loop-thru SDI outputs and a composite sync output (Component mode). All functions are user configurable via dip switches.



Specifications

Input: SDI (SMPTE 259M), 1 x BNC

Outputs: Component Mode:
YPbPr - SMPTE, EBU-N10, Betacam, RGB, 3 x BNC
Sync, 1 x BNC
Composite Mode:
NTSC/PAL 2 x BNC
YC (S Video) 2 x BNC
Re-clocked loop-thru SDI, 2 x BNC

D/A Converters: 10-bits, 4x oversampling

Frequency Response: Y +/- .15dB to 5.5MHz
C +/- .15dB to 2.5MHz (Component)
C +/- .15dB to 1.3MHz (Composite)
Less than .5% K Factor (2T)

User Controls: (External Dip Switch)
Output Video Format
Pedestal On/Off
Narrow/Wide Blanking
Digital Noise Reduction

Power: +5VDC Regulated, 4 Watts
Requires Power Supply

Size: 5.8" x 3.1" x 1" (147 x 79 x 25 mm)

D10CEA SDI to Analog Audio and Video Converter, 10-bit

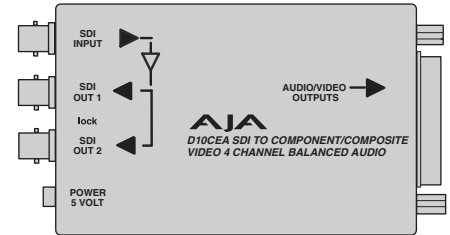
D10CEA

Features

- SDI to Analog Audio and Video Converter
- SDI with Embedded Audio Input
- 2 Re-clocked, Loop-Thru SDI Outputs
- 10-bit Component or Composite Analog Video Outputs
- 4 ch Balanced Analog Audio Output
- Selectable Audio level
- Selectable Audio Channel Group
- External Dip Switch Configuration



The D10CEA converts SDI video with embedded audio to 10-bit component or composite analog video and 4 channel balanced analog audio. The video outputs can be configured as YPbPr (Betacam or SMPTE/EBU N10), RGB, 1 composite or 1 Y/C (S-Video). The 4 ch analog audio outputs can be wired in a balanced or unbalanced configuration. The 4 audio output channels can be selected as group 1-4 from SMPTE embedded audio. Audio level has 4 settings. Audio and video output connections are available on a 25 pin "D" subminiature connector – a break-out cable is supplied. All video/audio configuration is done by external dipswitch selection. This versatile, low-cost, miniature monitoring solution also outputs two re-clocked loop-thru SDI outputs.



Specifications

Inputs: SDI (SMPTE 259M) w/embedded audio, 1 x BNC

Outputs: Video: YPbPr - SMPTE, Betacam, RGB, NTSC, PAL, YC (S-Video), 10-bits
Audio: 4 Channel Balanced/Unbalanced

Video/Audio outputs on 25-pin D connector

2 SDI Re-clocked loop-thru, 2 x BNC

Frequency Response: Video, +/- .25db to 5.5 Mhz Y
Audio, +/- .5db to 20Khz

User Controls:

(External Dip Switch)
Video format
Pedestal
H&V blanking
Audio group 1,2,3,4
Audio Level, adjustable via switch selection:
+24, +18, +15, +12 dBu , Full Scale Digital

Size: 5.8" x 3.1" x 1" (147 x 79 x 25 mm)

Power: +5VDC Regulated, 4 watts
Requires Power Supply

D10C Composite Digital (D2/D3) to Composite Analog, or SDI to YPbPr or RGB Converter, 10-bit

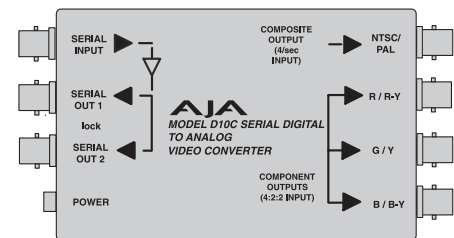
D10C

Features

- Excellent Quality 10-bit D/A Conversion
- SDI Input, 2 Re-clocked, Loop-Thru SDI Outputs
- Accepts Component or Composite SDI Inputs (D1, D2, D3)
- YPbPr, Betacam, or RGB Component Formats
- NTSC or PAL Composite Formats (with D2/3 input)



The D10C SDI to Analog Converter provides excellent quality 10-bit digital to analog conversion at low cost. The D10C is useful for D/A conversion, high-quality monitoring, or adding an SDI input to VTRs, workstations, or other analog video equipment. The D10C automatically works with component or composite SDI inputs in 625 or 525 line formats. Featuring one SDI input with two re-clocked, loop-thru SDI outputs, the D10C also acts as a distribution amplifier/repeater. The D10C provides a component analog output for component SDI inputs (D1), a NTSC output for 525 line composite SDI inputs (D2, D3), and a PAL output for 625 line composite inputs SDI (D2, D3).



Specifications

Input: SDI (SMPTE 259M), 1 x BNC

Outputs: For Component Input Only (270Mb):
YPbPr - SMPTE, EBU-N10, Betacam,
RGB, 3 x BNC
Sync, 1 x BNC

For Composite Input Only (143/177Mb):
NTSC/PAL 1 x BNC

D/A Converters:

10-bits

Frequency Response:

Y +/- .25dB to 5.2MHz
C +/- .25dB to 2.5MHz
Less than 1% K Factor (2T)

Power:

+5VDC Regulated, 5 Watts
Requires Power Supply

Size:

5.8" x 3.1" x 1" (147 x 79 x 25 mm)

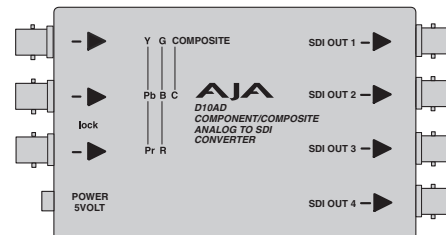
Re-clocked loop-thru SDI, 2 x BNC

D10AD Component or Composite Analog to SDI Converter, 10-bit

D10AD

Features

- Excellent-Quality 10-bit Universal A/D Conversion
- Component, Composite or Y/C Analog Input
- 4 Line Adaptive Comb Filter
- Full 10-bit Data path, 2x Oversampling
- YPbPr, Betacam, or RGB Component Formats
- NTSC or PAL Composite Formats
- AGC Mode
- 4 SDI Outputs with EDH
- Color Bar Generator



The D10AD provides excellent-quality 10-bit conversion of component or composite analog video to SDI with EDH. The D10AD accepts YPbPr (SMPTE, EBU-N10), Betacam, or RGB component inputs or NTSC/PAL or Y/C (S-Video) composite inputs. The D10AD features a 4 Line Adaptive Comb Filter for high-quality decoding of composite sources. The comb filter can be switched to 2 line or notch modes for minimum delay requirements. NTSC/PAL configuration is automatic. Video format, AGC, and pedestal are all user configurable via dip switches.

Specifications

Inputs:	YPbPr - SMPTE, EBU-N10, Betacam, RGB, NTSC, PAL, Y/C (S-Video) 3 x BNC
Outputs:	SDI (SMPTE 259M) w/EDH 4 x BNC
A/D Converters:	10-bits, 2x oversampling
Frequency Response:	Y +/- .15dB to 5.5MHz C +/- .15dB to 2.5MHz Less than .5% K Factor (2T)

User Controls:

- (External Dip Switch)
- Input Video Format
 - Pedestal Present/Not Present
 - AGC On/Off
 - EDH On/Off
 - Test Pattern

Power:

- +5VDC Regulated, 4 Watts
- Requires Power Supply

Size:

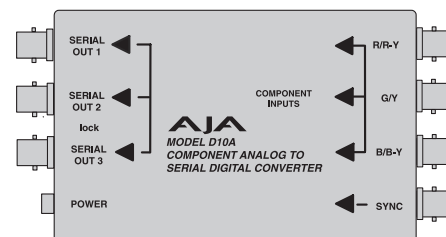
5.8" x 3.1" x 1" (147 x 79 x 25 mm)

D10A Component to SDI Converter (with Separate Sync Input)

D10A

Features

- Excellent-Quality 10-bit A/D Conversion
- Component Analog to SDI
- Full 10-bit signal path
- 3 serial outputs
- Multi-Format
- Normal/Wide V-blanking
- 2 loop-through serial outputs



The D10A provides exceptional quality component-only analog to 10-bit SDI. The superior quality of this 10-bit A/D converter has made it a favorite of the professional video engineer. The D10A is pre-set at the factory to accept either YPbPr (SMPTE, EBU/N10), Betacam, or RGB in 525 or 625 line formats, converting the analog component signal to 10-bit SDI. The D10A has three BNC's for one component input, one external sync input, and three SDI outputs. Input formats can be reset by internal jumpers and level/gain controls.

Specifications

Inputs:	YPbPr (SMPTE, EBU/N10), Betacam, or RGB, 3 x BNC External Sync, 1 x BNC
Outputs:	3 SDI, 3 x BNC
A/D Converters:	10-bits
Frequency Response:	Y +/- .25dB to 5.5MHz C +/- .25dB to 2.5 MHz

Power:

- +5VDC Regulated, 3 watts
- Requires Power Supply

Size:

5.8" x 3.1" x 1" (147 x 79 x 25 mm)

D5D Composite and S-Video Analog to SDI Converter

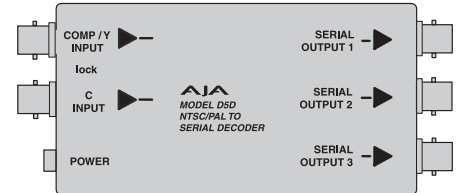
D5D

Features

- Analog Composite-Y/C to SDI Conversion
- Selectable 2 or 3 Line Adaptive Comb Filter
- Three SDI Outputs
- Crystal PLL Jitter Filter
- Automatically Configures to NTSC/PAL
- Selectable Pedestal
- External Dip Switch Configuration



The D5D Decoder provides low-cost, all digital decoding of analog NTSC/PAL or Y/C (S-Video) to SDI. The D5D is useful for bringing video from time-base corrected analog composite equipment into a serial digital environment. The D5D features a crystal PLL jitter filter/memory to reduce jitter in the SDI outputs. The D5D decodes the full dynamic range of input video - values below black and above white are not clipped. In the NTSC mode, the removal of the 7.5 IRE pedestal can be enabled by external dip switch selection.



Specifications

Inputs:	NTSC/PAL, Y/C (S-Video), 2 x BNC	User Controls:	(External Dip switch) Composite/YC Pedestal in NTSC Mode Narrow/Wide Blanking 2 or 3 Line Comb
Outputs:	SDI (SMPTE 259M), 3 x BNC	Power:	+5VDC regulated, 3.5 Watts Requires Power Supply
Frequency Response	+/- 0.25dB to 5MHz <1% 2t K Factor (Y) < 1.5% Differential Gain < 1.5 Degree Differential Phase	Size:	5.1" x 2.4" x 1" (131 x 61 x 25 mm)

D5CE SDI to Component or Composite Analog Converter

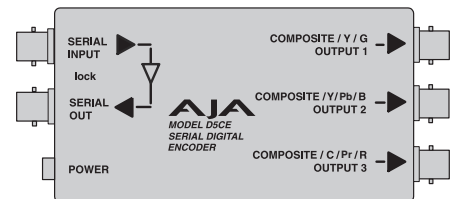
D5CE

Features

- Low Cost SDI to Component or Composite Analog
- User Selectable Component or Composite/YC Outputs
- YPbPr, Betacam, or RGB Component Formats
- Re-clocked Loop-Thru SDI Output
- Automatic NTSC/PAL Selection
- User Selectable Vertical/Horizontal Blanking
- External Dip Switch Configuration



The D5CE provides low cost, all digital conversion of SDI to either composite or component analog video. Three analog BNC outputs are user configurable to cover a wide range of format combinations including 3 composite, 1 composite and Y/C, YPbPr (SMPTE, EBU-N10), Betacam, or RGB. The D5CE also features a re-clocked, loop-thru SDI output. The D5CE automatically adapts to NTSC or PAL video standards. Pedestal and narrow/wide H/V blanking are user configurable via dipswitches.



Specifications

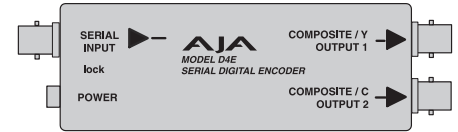
Inputs:	SDI (SMPTE 259M), 1 x BNC	Size:	5.1" x 2.4" x 1" (131 x 61 x 25 mm)
Outputs:	YPbPr - SMPTE, EBU-N10, Betacam, RGB, 3 x BNC Or NTSC, PAL, 3 x BNC Or NTSC/PAL and Y/C, 3 x BNC Loop-thru SDI, re-clocking, 1x BNC	Power:	+5V DC regulated power, 2 Watts Requires Power Supply
User Controls:	(External Dip switch) Video Format Vertical/Horizontal Blanking Pedestal		

D4E SDI to Composite Analog Converter

D4E

Features

- Lowest-Cost SDI to NTSC/PAL Available
- 1 SDI Input, 2 Composite-Y/C Analog Outputs
- Automatic NTSC/PAL Selection
- Built-In Test Pattern
- Ultra-Miniature Size Mounts Anywhere
- External Dip Switch Configuration



The D4E SDI Encoder provides the lowest cost all-digital conversion of SDI to analog NTSC or PAL. The D4E is useful for monitoring, level and phase checking, dubbing, etc. The D4E automatically adapts to NTSC or PAL video standards and outputs analog NTSC (525 line input) or PAL (625 line input). Pedestal and narrow/wide H/V blanking are user configurable via dipswitches. The D4E encodes the full dynamic range of input video: levels below black and above white are not clipped.

Specifications

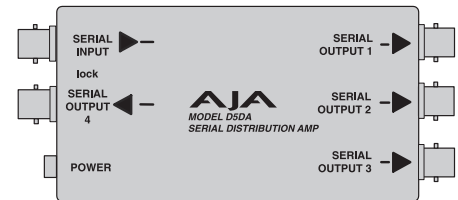
Inputs:	SDI (SMPTE 259M), 1 x BNC	Size:	5.1" x 1.8" x 1" (131 x 44 x 25 mm)
Outputs:	NTSC, PAL, 2 x BNC Or NTSC/PAL Y/C, 2 x BNC	Power:	+5V DC regulated power, 2 Watts Requires Power Supply
User Controls:	(External Dip switch) Video Format Vertical/Horizontal Blanking Pedestal Test Pattern (requires valid SDI input)		

D5DA 1x4 SDI Distribution Amplifier, Multi-format

D5DA

Features

- Compact 1x4 Re-Clocking SDI Distribution Amplifier
- Low Cost
- Automatic Multi-Standard, 143/177/270 Mb
- Cable EQ to 300 Meters
- Useful as a repeater



The D5DA is a multi-format, 1x4, re-clocking SDI Distribution Amplifier. The D5DA can be used as a low-cost SDI DA or repeater. The SDI input is re-clocked and equalized to 300 meters of cable. In addition, the multi-standard feature allows the D5DA to automatically adapt to 143, 177, 270, or 360 Mb SDI inputs automatically.

Specifications

Formats:	143, 177, 270, 360 Mb, auto select	Return Loss:	>15 dB-270 MHz (Input and Output)
Input:	1 SDI (SMPTE 259M), 1xBNC	Size:	5.1" x 2.4" x 1" (131 x 61 x 25 mm)
Outputs:	4 SDI (SMPTE 259M), 4x BNC Equalizing, Re-Clocking	Power:	+5V DC regulated power, 2 Watts Requires Power Supply

D5PSW SDI Protection Switch

Features

- Dual SDI input protection switch
- 3 SDI outputs
- Low Cost
- Cable EQ to 300 Meters
- Useful as a repeater and/or DA
- Multi color LED status

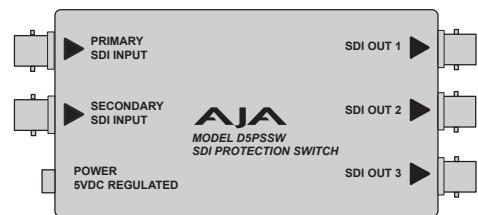


D5PSW

The D5PSW accepts 2 SDI inputs, Primary and Secondary, and automatically switches to the Secondary input if the Primary input is not present or is not a valid SDI signal. An SDI input is considered valid if a proper SMPTE 259 stream is present. A LED indicator is Green if both Primary and Secondary are present, flashing green if the Primary is present but the Secondary is not present, and Orange if the Secondary is present but the Primary is not. The D5PSW has 3 SDI outputs.

Specifications

Formats: 143, 177, 270, 360 Mb SMPTE 259, auto select
 Inputs: 2 SDI (SMPTE 259M), 2x BNC
 Outputs: 3 SDI (SMPTE 259M), 3x BNC
 Equalizing, Re-Clocking
 Size: 5.1" x 2.4" x 1" (131 x 61 x 25 mm)
 Power: +5V DC regulated power, 4 Watts
 Requires Power Supply



D5PSW

Power Supplies for D- and H-Series Converters

DWP

A new more robust design for 2005, the DWP is a miniature high quality power supply for all of AJA's stand-alone products. Custom manufactured for AJA, the DWP is so small it does not cover the adjacent socket in power strips. With a 2x power over-rating and a molded, latching, circular connector with gold pins, the DWP meets the high reliability requirements of the professional video industry.

Specifications

100-240v, 50/60Hz Universal input
 5 volt regulated output
 10 watt capacity
 Circular, latching output connector with gold pins



DWP-U

The DWP-U is an in-line universal input version which can accept a power cord anywhere in the world.

Specifications

100-240v, 50/60Hz Universal input
 5 volt regulated output



DWP & DWP-U

NEW

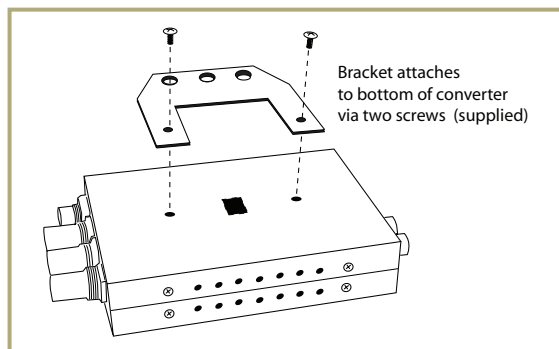
RMB and RMB-10 Rack Mounting Brackets for D- and H-series Converters

RMB

One Bracket with Mounting screws

RMB-10

Package of Ten Brackets with Mounting Screws



RMB

The FR1 and FR2 mounting frames provide high density rack-mount solutions for AJA's R series modules. The FR1 is a 1 RU frame with 4 slots; the FR2 is a 2 RU frame with 10 slots. Both frames feature high capacity power supplies with no power restrictions for any module combination. Also, both frames feature multiple fan forced air cooling which provides ample cooling capacity without the need for empty rack space above or below the units. Both frames feature optional redundant power supplies - the FR2's power supplies are easily changed from the front of the unit. The FR2 features a reference Distribution amplifier which distributes a color black reference to all slots from one input BNC. The FR1 also features a frame reference input with a passive distribution to all 4 slots.

FR1 One RU Rack Mount Frame & Power Supply, 4 Slot

Features

- 1 Rack Unit Mounting Frame
- 4 Module Capacity
- Multiple Fan Forced Air Cooling
- Optional Redundant Power Supplies
- Power Supply Monitoring
- Frame Reference Input BNC
- UL, CSE, CE Certification
- Universal Input 90-240 VAC 50 Watt Power Supply

Specifications

Capacity: 4 Slots, 1 Rack Unit

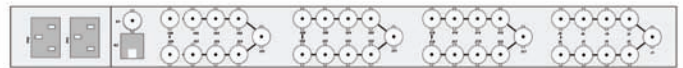
Inputs: Power Supply Monitoring
Reference Input, BNC

Power: 50 Watt Capacity
Universal Input 90-240 VAC Power Supply
Optional Redundant Power Supply, Diode Isolated

Cooling: Multiple Fan Forced Air

Size: 19" x 1.75" x 14.75", (1RU)

Leitch™ 6800 Series Compatible



- FR1** FR1 Frame with One FR1-PS Power Supply
- FR1-D** FR1 Frame with Dual FR1-PS (Redundant) Power Supplies Installed
- FR1-PS** Power Supply Module for FR1 Frame

FR2 Two RU Rack Mount Frame & Power Supply, 10 Slot

Features

- 2 Rack Unit Mounting Frame
- 10 Module Capacity
- Multiple Fan Forced Air Cooling
- Optional Redundant Power Supplies
- Reference DA sends color black to all slots
- Power Supply Monitoring
- UL, CSE, CE Certification
- Universal Input 90-240 VAC 100 Watt Power Supply

Specifications

Capacity: 10 Slots, 2 Rack Unit

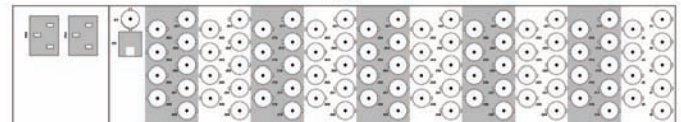
Inputs: Power Supply Monitoring
Reference Input, BNC – Active DA to all slots

Power: 100 Watt Capacity
Universal Input 90-240 VAC Power Supply
Optional Redundant Power Supply, Diode Isolated

Cooling: Multiple Fan Forced Air

Size: 19" x 3.5" x 13", (2RU)

Leitch 6800 Series Compatible



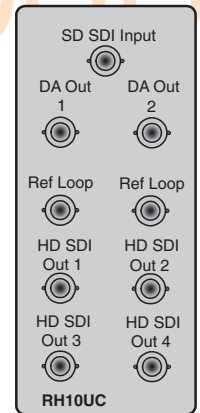
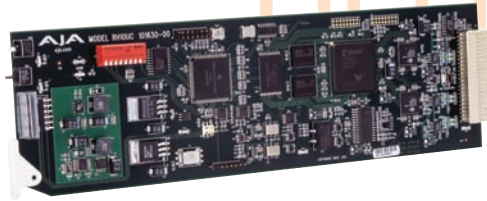
- FR2** FR2 Frame with One FR2-PS Power Supply Installed
- FR2-D** FR2 Frame with Dual FR2-PS (Redundant) Power Supplies Installed
- FR2-PS** Power Supply Module for FR2 Frame

RH10UC SDI to HD-SDI Upconverter and HD Frame Synchronizer

Features

- Broadcast-Quality 10-bit SD to HD Upconverter
- Motion-adaptive de-interlacing
- Frame Synchronizer function with GenLock input
- Selectable aspect ratio conversion
- Selectable HD output format
- HD-SDI stand-alone Frame synchronizer mode

The RH10UC is a 10-bit SD to HD up-converter and HD Frame Synchronizer. Using motion-adaptive de-interlacing and high quality digital scalers, the RH10UC provides excellent Broadcast quality HD video from SD sources. Output HD video is selectable between 720p and 1080i formats. 4:3 to 16:9 aspect ratio conversion is selectable between 4:3 pillarbox, 14:9 crop, 16:9 anamorphic, and 16:9 zoom. Input SD ITU Rec. 601 color space is converted to ITU Rec. 709. Additionally, the RH10UC can operate as a standalone HD-SDI Frame Synchronizer. The RH10UC is compatible with AJA's FR1 or FR2 frames.



Specifications

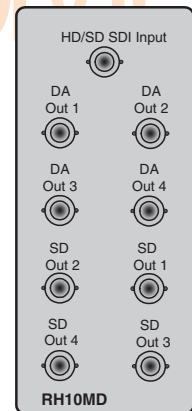
Input Formats:	525/59.94, 625/50, SMPTE 259M, 292M	User Controls:	Mode: Upconvert, HD Frame Synchronizer Output Format Aspect Ratio Convert Select Output Timing
Output Formats:	1080i 50/59.94, 720p 59.94 Hz (50Hz input requires 50 Hz output)	Size:	Fits AJA R-Series Frames
Upconversion:	Motion adaptive, Multi-point interpolation, 10-bit processing	Power:	6 watts
Inputs:	HD/SD SDI, BNC		
Reference:	2 x BNC, looping		
Outputs:	Input Loop, 2 x BNC, Equalized HD-SDI, 4 x BNC		

RH10MD High Definition Downconverter and DA

Features

- Broadcast-Quality 10-bit HD Downconverter
- Re-clocking 1x4 HD-SDI/SDI DA
- Multi-Standard HD-SDI or SDI Input
- SDI and Component/Composite Analog Outputs
- 3/2 Pull-down for 23.98/24 Hz p/psf inputs
- Full 10-bit Data Path, Multi-point Interpolation
- Configurable for 16:9 or 4:3 Monitors
- Letterbox and Crop Modes
- 4:3 Safe-Zone Graticule

The RH10MD is a 10-bit broadcast-quality HD downconverter and HD-SDI/SDI distribution amplifier. There are 4 re-clocked HD-SDI/SDI outputs and four down-converted SD outputs. The SD outputs can be individually configured as analog or SDI - analog can be component or composite. All HD formats are supported including 24p/psf with 3:2 pull-down. The SD output can be formatted for either 4:3 or 16:9 monitors. For 4:3 monitors both Letterbox and Crop modes are supported. The RH10MD is also dual-rate (HD/SD) and will support SDI inputs. 4 Ch AES embedded audio is passed through to the SDI outputs. The RH10MD is compatible with AJA's FR1 or FR2 frames.



Specifications

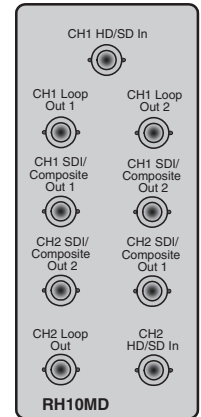
Formats:	HD: 1080i 50/59.94/60 Hz 1080p/psf 23.98/24/25/29.97/30 Hz 720p 23.98/24/25/29.97/30/50/60 Hz	Downconversion:	Multi-point interpolation, 10-bit processing 3:2 conversion for 23.98/24p/psf inputs
Inputs	HD-SDI or SDI SMPTE 259/292/296, 10-bit, BNC	User Controls:	(External Dipswitch) Output Video Format 4:3/16:9 Monitor Select Letterbox/Crop Pedestal (Output) 4:3 Safe-Zone Graticule Overlay
Outputs:	SDI, SMPTE 259M, 10-bit, BNC YPbPr - SMPTE, EBU-N10, Betacam RGB, NTSC, PAL, Y/C (S-Video), 10-bit 3 x BNC	Size:	Fits AJA R-Series Frames
		Power:	5 watts

RD10MD

RD10MD Dual HD To SD Downconverter

Features

- Dual Independent channel HD to SD down conversion
- Re-clocking HD-SDI/SDI input loop outputs
- Multi-Standard HD-SDI or SDI Input
- SDI and Composite Analog Outputs
- 3/2 Pulldown for 23.98/24 Hz p/psf inputs
- Full 10-bit Data Path, Multi-point Interpolation
- Configurable for 16:9 or 4:3 Monitors
- Letterbox and Crop Modes
- 4:3 Safe-Zone Graticule



The RD10MD is a 10-bit broadcast-quality Dual HD down converter. Channels 1 and 2 are fully independent. Channel 1 has 2 re-clocked HD/SD SDI outputs and channel 2 has 1. Both Channel 1 and 2 have 2 down converted outputs, which can be independently configured as SDI or composite analog. All HD formats are supported including 24p/psf with 3:2 pulldown. The SD output can be formatted for either 4:3 or 16:9 monitors. For 4:3 monitors both Letterbox and Crop modes are supported. The RD10MD is also dual-rate (HD/SD) and will support SDI inputs. The RD10MD is compatible with AJA's FR1 or FR2 frames.

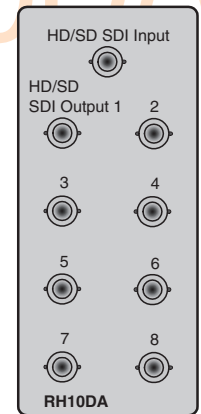
Specifications

Formats:	HD: 1080i 50/59.94/60 Hz 1080p/psf 23.98/24/25/29.97/30 Hz 720p 23.98/24/25/29.97/30/50/60 Hz	Downconversion:	Multi-point interpolation, 10-bit processing 3:2 conversion for 23.98/24p/psf inputs
Inputs	HD-SDI or SDI SMPTE 259/292/296, 10-bit, BNC	User Controls:	External Dipswitch Output Video Format 4:3/16:9 Monitor Select Letterbox/Crop Pedestal (Output) 4:3 Safe-Zone Graticule Overlay
Outputs:	Each Channel has two outputs configurable for either SDI (SMPTE 259M, 10-bit) or analog composite NTSC/PAL, 2x BNC Channel 1 has two reclocked loop-through outputs, 2x BNC Channel 2 has one reclocked loop-through output, 1 BNC	Size:	Fits AJA R-Series Frames
		Power:	7 watts

RH10DA Dual Rate SD/HD 1x8 Re-clocking Distribution Amplifier

Features

- Dual Rate HD-SDI/SDI
- Equalizing and Re-clocking, 8 outputs
- Automatic Input configuration



The RH10DA is a multi-standard Dual Rate 1x8 SDI/HD-SDI Distribution Amplifier. The input is re-clocked and equalized to 100/300 meters (HD/SD) of coax cable. The RH10DA automatically configures to 143, 177, 270, 360mb, or 1.485gb SDI inputs. The re-clock function can be by-passed with an on-board jumper.

Specifications

Input:	SMPTE 259M/292M/296M, BNC
Output:	SMPTE 259M/292M/296M, 8 x BNC
Size:	Fits AJA R-Series Frames
Power:	3 watts

R20DA 1x8 SDI Distribution Amplifier, Multi-format

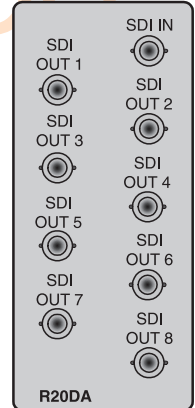
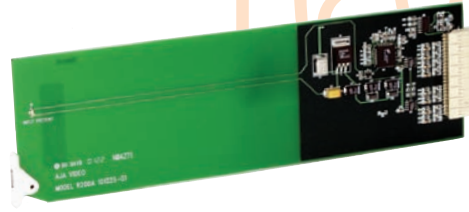
Features

- Re-clocking, Equalizing SDI Distribution Amplifier
- SDI Input
- 8 SDI Outputs
- Multi-Standard: 143/177/270/360 Mb

The R20DA is a multi-standard, 1x8 SDI Distribution Amplifier. The SDI input is re-clocked and equalized to 300 meters of cable. In addition, the multi-standard feature allows the R20DA to automatically adapt to 143, 177, 270, or 360 Mb SDI inputs.

Specifications

Input:	SDI (SMPTE 259M), BNC 143, 177, 270, 360 Mb, auto select	Size:	Fits AJA R-Series Frames Compatible with Leitch 6800 Series Frames
Outputs:	SDI (SMPTE 259M), 8 x BNC Re-Clocked, Equalized	Power:	3 watts



R20AD Component or Composite Analog to SDI Converter, 10-bit

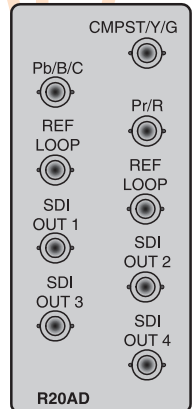
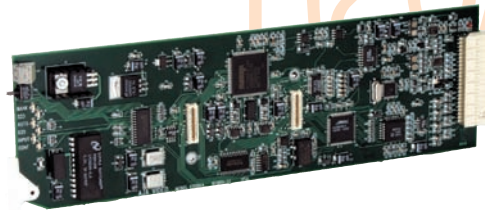
Features

- Excellent-Quality 10-bit Universal A/D Conversion
- Component, Composite or Y/C Analog Input
- 4 Line Adaptive Comb Filter
- Full 10-bit Data path, 2x Oversampling
- YPbPr, Betacam, or RGB Component Formats
- NTSC or PAL Composite Formats
- AGC Mode
- 4 SDI Outputs with EDH
- Color Bar Generator
- Optional Frame Synchronizer

The R20AD provides excellent-quality 10-bit conversion of component or composite analog video to SDI with EDH. The R20AD accepts YPbPr (SMPTE, EBU-N10), Betacam, or RGB component inputs and NTSC/PAL or Y/C (S-Video) composite inputs. The R20AD features a 4 Line Adaptive Comb Filter for high quality decoding of composite sources. The comb filter can be switched to 2 line, or notch modes for minimum delay requirements. The R20AD also accommodates the optional FSG card (Frame Sync) for synchronizing the output video relative to an external reference. NTSC/PAL configuration is automatic. Video format, AGC, H/V blanking, and pedestal are all user configurable.

Specifications

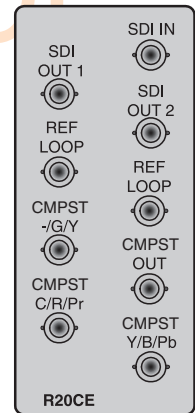
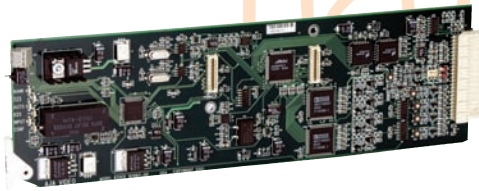
Inputs:	YPbPr - SMPTE, EBU-N10, Betacam, RGB, NTSC, PAL, Y/C (S-Video), 3 x BNC Reference: Passive Loop, 2 x BNC	User Controls:	Input Video Format Pedestal Present/Not Present Narrow/Wide Blanking AGC On/Off EDH On/Off Test Pattern Output Timing adj. (w/Frame Sync option)
Outputs:	SDI (SMPTE 259M) w/EDH 4 x BNC	Size:	Fits AJA R-Series Frames Compatible with Leitch 6800 Series Frames
A/D Converters:	10-bits, 2x oversampling	Power:	7 Watts (8 watts w/Frame Sync option)
Frequency Response:	Y +/- .15dB to 5.5MHz C +/- .15dB to 2.5MHz Less than .5% K Factor (2T)		



R20CE SDI to Component and Composite Analog Converter, 10-bit

Features

- Excellent-Quality 10-bit Universal D/A Conversion
- Full 10-bit Data path, 4x Oversampling
- SDI Input, 2 Re-clocked, Loop-Thru SDI Outputs
- Simultaneous Component and Composite Analog Outputs
- YPbPr, Betacam, or RGB Component Formats
- NTSC or PAL Composite Formats
- Digital Noise Reduction
- Optional Frame Synchronizer Allows Genlock to Reference, Full Timing Adjustment



The R20CE SDI to Analog Video Converter provides excellent-quality 10-bit conversion of SDI to both component and composite video formats simultaneously. The 4 analog outputs are user configurable to NTSC/PAL, Y/C (S-Video), YPbPr (SMPTE, EBU-N10), Betacam, or RGB. The component and composite outputs are completely independent including optimum chroma filtering for each and independent pedestal configuration. The R20CE also features an exclusive PLL jitter filter/memory to reduce the effects of SDI jitter on the output analog video. This feature, along with the precision 4x oversampled D/A filters, provides the highest-quality analog outputs - including very low phase noise in composite outputs. The optional FSG (Frame Sync/Genlock) Module allows genlock to an external reference with full timing adjustment. Without the FSG Module, the reference input provides color frame timing.

Specifications

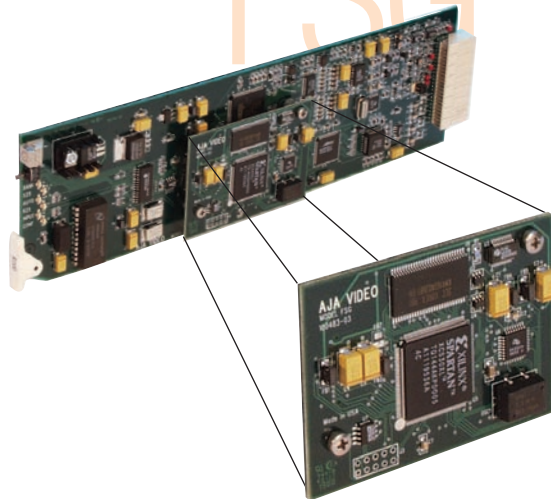
<p>Input: SDI (SMPTE 259M), 1 x BNC Reference: Passive loop, 2 x BNC</p> <p>Outputs: (Simultaneous Component and Composite output) YPbPr - SMPTE, EBU-N10, Betacam, RGB, NTSC, PAL, Y/C (S-Video) 3 x BNC NTSC/PAL or Sync, 1 x BNC Re-clocked loop-thru SDI, 2 x BNC</p> <p>D/A Converters: 10-bits, 4x oversampling Clock Jitter Filtering to 2.5Hz</p>	<p>Frequency Response: Y +/- .15dB to 5.5MHz C +/- .15dB to 2.5MHz (Component) C +/- .15dB to 1.3MHz (Composite) Less than .5% K Factor (2T)</p> <p>User Controls: Output Video Format Pedestal On/Off Narrow/Wide Blanking Digital Noise Reduction Output Timing Adj. (w/Frame Sync option)</p> <p>Size: Fits AJA R-Series Frames Compatible with Leitch 6800 Series Frames</p> <p>Power: 7 Watts (8 watts w/Frame Sync option)</p>
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FSG Frame Sync/Genlock Module

Features

- Optional Frame Sync R20CE, R20D, and R20AD
- External or Input Timing Reference
- Full Output Timing Adjustment
- Passes Vertical Interval Data
- 10-bit Data Path

The FSG Frame Sync/Genlock Module is an optional upgrade to AJA's R20 series encoders and decoders. The FSG Module provides user adjustable output timing relative to an external sync reference. Also, a delay mode provides adjustable delay with respect to the video input. In addition to the frame sync and delay functions, when installed on AJA R20 series encoders, the FSG Module allows the encoder to genlock to an external reference.



Specifications

Formats:	525/625 Line Component Digital
Data Path:	10 bits
Power:	2 watts

R10CE

R10CE 1x4 SDI DA and 10-bit Component/Composite Analog Converter

Features

- Universal Monitoring SDI DA
- SDI Input
- 4 Re-Clocked SDI Outputs
- 4 10-bit Component/Composite Analog Outputs
- YPbPr, Betacam, or RGB Component Formats
- PLL Jitter Filter
- Built-In Test Pattern

The R10CE is a SDI distribution amplifier and universal monitoring D/A converter. The R10CE provides four equalized and re-clocked SDI outputs along with four analog monitoring outputs. The four analog outputs can be configured to a wide variety of formats including NTSC/PAL, YC (S-Video), YPbPr (SMPTE, EBU-N10), Betacam or RGB. A PLL jitter filter/memory reduces the effects of SD jitter on the analog outputs. The R10CE fits the AJA R-Series Rack Mount Frames, and is compatible with other standard racks.

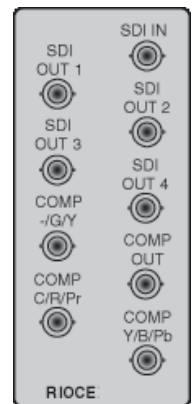
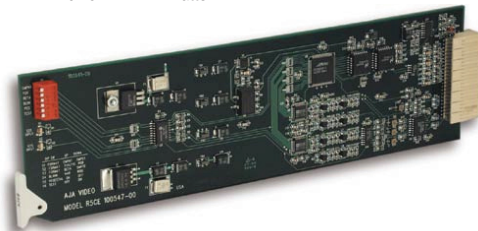
Specifications

Inputs: SDI (SMPTE 259M), 1x BNC

Outputs: YPbPr - SMPTE, EBU-N10, Betacam, RGB, 3x BNC
 Or NTSC, PAL, 3x BNC
 Or NTSC/PAL and YC, 3x BNC
 SDI, Re-Clocking, 4x BNC

User Controls:
 External Dipswitch
 Video Format
 Pedestal
 Vertical/Horizontal Blanking

Power: 4 Watts



R5CE 1x4 SDI DA and Component/Composite Analog Converter

Features

- Universal Monitoring SDI DA
- SDI Input
- 4 Re-clocked SDI Outputs
- 4 Component/Composite Analog Outputs
- YPbPr, Betacam, or RGB Component Formats
- 10-bit to 8-bit Dithering
- PLL Jitter Filter
- Built-in Test Pattern

The R5CE is a SDI distribution amplifier and universal monitoring D/A converter. The R5CE provides four equalized and re-clocked SDI outputs along with four analog monitoring outputs. The four analog outputs can be configured to a wide variety of formats including NTSC/PAL, Y/C (S-Video), YPbPr (SMPTE, EBU-N10), Betacam or RGB. A PLL jitter filter/memory reduces the effects of SDI jitter on the analog outputs. An exclusive feature of the R5CE is a 10- to 8-bit dithering circuit which removes contouring in the analog outputs. Additionally, the R5CE features user selectable pedestal and H&V blanking.

Specifications

Input: SDI (SMPTE 259M), BNC

Outputs: SDI (SMPTE 259M), 4 x BNC
 Re-Clocked, Equalized

NTSC/PAL Analog, 1 x BNC

YPbPr – SMPTE, EBU-N10, Betacam
 RGB, or 3 x NTSC/PAL,
 or 1 NTSC/PAL and Y/C (S Video) 3 x BNC

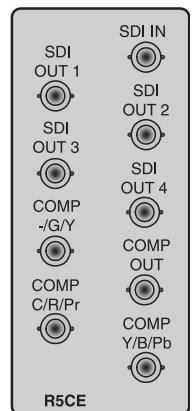
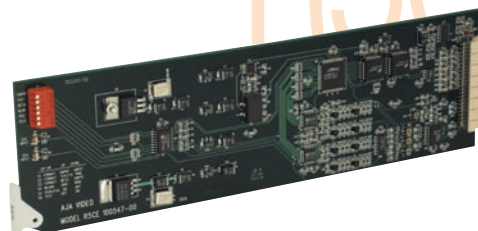
Jitter Filtering to 2.5 Hz

User Controls: (External Dipswitch)
 Video Format
 Pedestal
 H/V Blanking

Frequency Response: +/- .25 dB to 5 MHz

Size: Fits AJA R-Series Frames
 Compatible with Leitch 6800 Series Frames

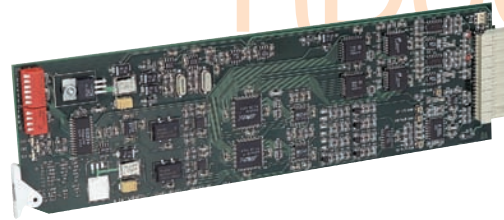
Power: 6 watts



RD5CE Two Channel Digital to Component/Composite Analog Converter

Features

- Low-Cost Universal D/A Conversion
- Two Separate Channels
- SDI Inputs, Re-clocked Loop-thru SDI outputs
- CH 1 outputs Component or Composite
- CH 2 outputs Composite or Y
- Useful as Video/Key Pair
- Reference Input for Color Framing



The RD5CE is a low-cost, dual-channel, universal video D/A converter. The RD5CE supports 2 completely separate channels of SDI to analog conversion and is useful for video/key or video/video applications. Channel 1 can output component or composite analog video including YPbPr (SMPTE, EBU-N10), Betacam, RGB, composite or YC (S-Video). Channel 2 can output composite or Y. Both SDI inputs have a re-clocked SDI loop-thru output.

Specifications

Inputs: 2 Channels SDI (SMPTE 259M), 2 x BNC
1 Reference Input, 1 x BNC

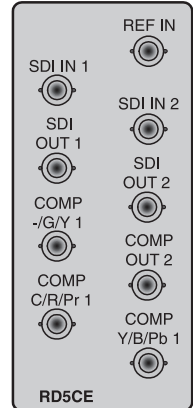
Outputs: CH 1 Output:
YPbPr-SMPTE, EBU-N10, Betacam,
RGB, NTSC/PAL, Y/C (S-Video),
3 x BNC
CH 2 Output:
NTSC/PAL, Y, 1xBNC
SDI Looping Output, 2 x BNC

User Controls: Dipswitch (Separate control for each channel)
Video Format
Pedestal
H/V Blanking

Frequency Response: +/- .25dB to 5 Mhz Y
+/- .25dB to 2.5 MHz C (component)
+/- .25dB to 1.3 MHz C (composite)
<1.5% Differential Gain
<1.5 Degree Differential Phase

Size: Fits AJA R-Series Frames
Compatible with Leitch 6800 Series Frames

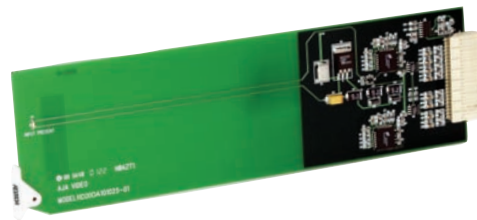
Power: 7.5 watts



RD20DA Dual Channel SDI Distribution Amplifier

Features

- 2 Channel Re-Clocking, Equalizing SDI Distribution Amplifier
- 2 Separate SDI Inputs,
- 1x3, 1x4 SDI Outputs
- Multi-Standard: 143/177/270/360 Mb



The RD20DA is a multi-standard, 2-channel, 1x4 and 1x3 SDI Distribution Amplifier. The SDI input is re-clocked and equalized to 300 meters of cable. In addition, the multi-standard feature allows the RD20DA to automatically adapt to 143, 177, 270, or 360 Mb SDI inputs.

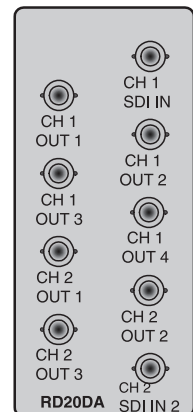
Specifications

Input: 2 Separate SDI (SMPTE 259M), BNC
143, 177, 270, 360 Mb, auto select

Outputs: Ch 1: 4 SDI (SMPTE 259M)
Ch 2: 3 SDI (SMPTE 259M)
Re-Clocked, Equalized

Size: Fits AJA R-Series Frames
Compatible with Leitch 6800 Series Frames

Power: 3 Watts



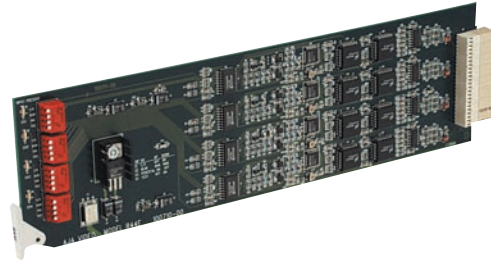
R44E

R44E Four Channel SDI to Composite Analog Converter

Features

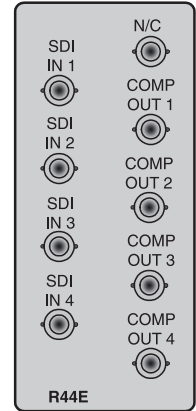
- 4 Channel SDI to NTSC/PAL Converter
- 4 Separate SDI Inputs
- 4 Separate Composite Analog Outputs
- Built In Test Pattern
- Configurable Pedestal
- R44E allows 40 Channels of Conversion in 2 RU

The AJA Video R44E provides four composite analog monitoring outputs from four separate SDI inputs. Each channel has a separate D/A converter with a 10-bit DAC and 8-bit broadcast encoding. Values below black and above white are not clipped. Each channel has a test pattern generator with separate user selectable blanking controls. The R44E also features automatic NTSC or PAL configuration.



Specifications

Inputs	4 CH SDI (SMPTE 259M) Inputs, 4 x BNC
Outputs:	4 NTSC/PAL, 4 x BNC
User Controls:	Dipswitch (Separate control for each channel) Composite/Y Pedestal H/V Blanking
Frequency Response:	+/- .25 dB to 5 MHz
Size:	Fits AJA R-Series Frames Compatible with Leitch 6800 Series Frames
Power:	8 watts



C-Series Converters

C-Series Converters

Features

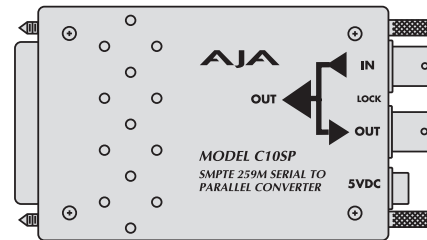
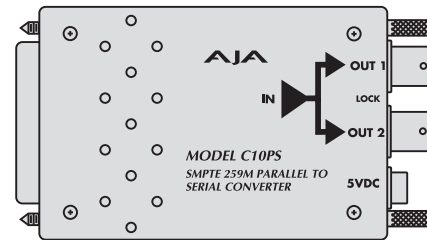
- Parallel to Serial, Serial to Parallel Video Conversion
- Multi-Format, Multi-Standard
- Auto Configuration To Component/Composite, 525- or 526-line
- Dither Mode For Proper 10-bit To 8-Bit Conversion
- Ancillary Data Filter Blocks Audio/Unwanted Data
- Crystal PLL Jitter Filter Available
- Wide Range of Models Available



The C-Series converter products are designed to efficiently adapt 8-bit or 10-bit parallel digital video equipment to serial digital interfaces. The C-Series converters attach directly to the "D" connectors of parallel equipment-eliminating the need for expensive and unreliable parallel cables. At only .65 inches (16.5mm) wide, the C10 converters can fit on even the highest density parallel equipment. A wide range of C-Series products are available for any budget, from single-format only to multi-format with auto configuration and crystal PLL jitter filter. Requires power supply (C10WP or C10WP-U, below).

Specifications

Serial Interface:	SMPTE 259M-A, B, C Serial I/O BNC
Parallel Interface:	SMPTE 125M (4:2:2) SMPTE 244(4fsc NTSC) EBU Tech 3246/3276 (4:2:2) OEC 60B 170/6 (4fsc PAL) Parallel I/O D-Connectors
Return Loss:	>15dB, 5-270Mhz
Cable EQ:	0-300 meters, Belden 8281 typical
Power:	5 Volts, DC Regulated Power, 3 Watts
Size:	4"x 2.25"x.65" (102mm x 57 mm x 16.5mm)



C-Series Power Supplies

C10WP

The C10WP is a miniature high quality switching power supply for AJA's C-Series products. Custom manufactured for AJA, the C10WP is so small it does not cover the adjacent socket in power strips. With a 2x power over-rating and a latching connector, the C10WP meets the high reliability requirements of the professional video industry.

Specifications

- 100-240v, 50/60Hz Universal input
- 5 volt regulated output
- 7.5 watt capacity
- Latching output connector



C10WP-U

The C10P-U is an in-line universal input version which can accept a power cord anywhere in the world.

Specifications

- 100-240v, 50/60Hz Universal input
- 5 volt regulated output



Notes



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