**AJA CONVERTER CATALOG CONTENTS**

### AJA MINI-CONVERTERS

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### USB and Mini-Config

- Visual Configuration and Control for Any Situation
- Find the Right AJA Converter
- AJA Mini-Matrix
MINI-CONVERTER ACCESSORIES

22 FIDO-4R-ST
4-Channel Single Mode ST Fiber to 3G-SDI Receiver

23 FIDO-4R-MM
4-Channel Multi-Mode LC Fiber to 3G-SDI Receiver

23 FIDO-2T-MM
2-Channel 3G-SDI to Multi-Mode LC Fiber Transmitter

23 FIDO-2R-MM
2-Channel Multi-Mode LC Fiber to 3G-SDI Receiver

23 FIDO-2T
2-Channel 3G-SDI to Single Mode LC Fiber Transmitter

23 FIDO-2R
2-Channel Single Mode LC Fiber to 3G-SDI Receiver

23 FIDO-TR
1-Channel 3G-SDI/SC Single Mode LC Fiber Transceiver

24 FIDO-TR-MM
1-Channel 3G-SDI/SC Multi-Mode LC Fiber Transceiver

24 FIDO-T-MM
1-Channel 3G-SDI to Single Mode ST Fiber Transmitter, with SDI Loop Out

24 FIDO-T-MM
1-Channel 3G-SDI to Multi-Mode LC Fiber Transmitter, with SDI Loop Out

24 FIDO-T-SC
1-Channel 3G-SDI to Single Mode SC Fiber Transmitter, with SDI Loop Out

24 FIDO-R
1-Channel Single Mode LC Fiber to 3G-SDI Receiver, with Dual SDI Outputs

25 FIDO-R-ST
1-Channel Single Mode ST Fiber to 3G-SDI Receiver, with Dual SDI Outputs

25 FIDO-R-MM
1-Channel Multi-Mode LC Fiber to 3G-SDI Receiver, with Dual SDI Output

25 FIDO-R-SC
1-Channel Single Mode SC Fiber to 3G-SDI Receiver, with Dual SDI Output

26 AJA SFP Configurator
26 Single Mode SC SFP Modules
26 Single Mode LC SFP Modules
26 Multi-Mode LC SFP Modules
26 Single Mode 12G SFP Modules

MINI-CONVERTER ACCESSORIES

27 DRM FCP
Front Panel Cover for the DRM Frame

27 DRM
Mini-Converter Rackmount Frame

27 DRM P/S
Spare Power Supply for DRM Frame

28 DWP-U-RI
Universal Power Supply

28 P-TAP-CBL
P-Tap to AJA Mini-Converter Power Cable

28 PWR-CABLE
P-Tap to 2x AJA Mini-Converter Power Connectors

28 CMP
Converter Mounting Plate

29 12G-AM XLR Cable
AES XLR Breakout Cable

29 RMB
Rackmount Bracket

29 12G-AM BNC Cable
AES BNC Breakout Cable

29 AJA Mini-Config
Visual Configuration and Control Software

30 AJA Mini-Matrix
Find the Right AJA Converter for Any Situation

OPENGEAR

31 OG-X-FR
openGear-compatible 2RU Rackframe

31 OG-DANTE-12GAM
openGear 12G-SDI/DANTE 64-Channel Embedder/Disembedder

32 OG-12GM
openGear 12G-SDI to/from SDIMuxer/DeMuxer

32 OG-12GDA-2x4
openGear Dual 1x4 12G-SDIDistribution Amplifier

32 OG-FS-Mini
openGear 3G-SDI Frame Synchronizer

32 OG-3GDA-2x4
openGear 2x4 3G-SDI Reclocking DA

33 OG-3GDA-1x9
openGear 1x9 3G-SDI Reclocking DA

33 OG-3G-AMD
openGear 3G-SDI 8-Channel 24-bit AES Embedder/Disembedder

33 OG-3G-AMA
openGear 3G-SDI Analog Audio Embedder/Disembedder

34 OG-HI5-4K-Plus
openGear 4K/UltraHD/2K/HD/SD to Full HDMI 2.0 Converter

34 OG-HAS-4K
openGear 4K/UltraHD/2K/HD/SD HDMI 2.0 to 3G-SDI Converter

35 OG-ROI-HDMI
HDMI to 3G-SDI Scan Conversion

35 OG-ROI-DVI
DVI to 3G-SDI Scan Conversion

35 OG-ROI-SDI
3G-SDI to HDMI/3G-SDI Scan Conversion

36 OG-X-PS
Optional Redundant Power Supply for the OG-X-FR and OG-3-FR

36 OG-U-UC
openGear 3G-SDI Up, Down, Cross-Converter

37 OG-FIDO-TR-12G
openGear 1-Channel 12G-SDI/SC Single Mode LC Fiber Transceiver

37 OG-FIDO-T-12G-ST
openGear 1-Channel 12G-SDI to Single Mode ST Fiber Transmitter

37 OG-FIDO-2T-12G
openGear 2-Channel 12G-SDI to Single Mode LC Fiber Transmitter

37 OG-FIDO-R-12G-ST
openGear 1-Channel Single Mode ST Fiber to 12G-SDI Receiver

37 OG-FIDO-2R-12G
openGear 2-Channel Single Mode LC Fiber to 12G-SDI Receiver

37 OG-FIDO-TR
openGear 1-Channel 3G-SDI/SC Single Mode LC Fiber Transceiver

38 OG-FIDO-2T-MM
openGear 2-Channel 3G-SDI to Multi-Mode LC Fiber Transmitter

38 OG-FIDO-T
openGear 1-Channel 3G-SDI to Single Mode LC Fiber Transmitter, with SDI Loop Out

38 OG-FIDO-R-MM
openGear 1-Channel Multi-Mode LC Fiber to 3G-SDI Receiver

38 OG-FIDO-TR-MM
openGear 1-Channel 3G-SDI/SC Multi-Mode LC Fiber Transceiver

38 OG-FIDO-2R
openGear 2-Channel Single Mode LC Fiber to 3G-SDI Receiver

38 OG-FIDO-T-MM
openGear 1-Channel 3G-SDI to Multi-Mode LC Fiber Transmitter, with SDI Loop Out

38 OG-FIDO-2T
openGear 2-Channel 3G-SDI to Single Mode LC Fiber Transmitter

38 OG-FIDO-2R-MM
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38 OG-FIDO-R
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38 OG-FIDO-TR-12G
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38 OG-FIDO-2R-12G
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38 OG-FIDO-TR-MM
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38 OG-FIDO-TR-12G
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38 OG-FIDO-2R-12G
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38 OG-FIDO-2T
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38 OG-FIDO-2R-MM
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38 OG-FIDO-R
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38 OG-FIDO-TR
openGear 1-Channel 12G-SDI/SC Single Mode LC Fiber Transceiver

38 OG-FIDO-T-12G-ST
openGear 1-Channel 12G-SDI to Single Mode ST Fiber Transmitter

38 OG-FIDO-2T-12G
openGear 2-Channel 12G-SDI to Single Mode LC Fiber Transmitter

38 OG-FIDO-R-12G-ST
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38 OG-FIDO-2R-12G
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38 OG-FIDO-2T-MM
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38 OG-FIDO-T
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38 OG-FIDO-R-MM
openGear 1-Channel Multi-Mode LC Fiber to 3G-SDI Receiver

38 OG-FIDO-TR-MM
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38 OG-FIDO-R
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38 OG-FIDO-TR
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38 OG-FIDO-2T-12G
openGear 2-Channel 12G-SDI to Single Mode LC Fiber Transmitter

38 OG-FIDO-R-12G-ST
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38 OG-FIDO-2R-12G
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38 OG-FIDO-TR
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38 OG-FIDO-2T
openGear 2-Channel 3G-SDI to Single Mode LC Fiber Transmitter

38 OG-FIDO-2R-MM
openGear 2-Channel Multi-Mode LC Fiber to 3G-SDI Receiver

38 OG-FIDO-R
openGear 1-Channel Single Mode LC Fiber to 3G-SDI Receiver
Complete Range of Stand-Alone Converters

From production to post and live events, AJA Mini-Converters offer the most comprehensive range of compact, standalone conversion, and infrastructure solutions, designed to the highest standards in reliability and quality. Our converters cover a full range of 4K, HD, and SD capabilities to meet your needs.

AJA Quality – Guaranteed

AJA Converters have earned a reputation for the highest quality and best levels of reliability. Built to the exacting standards of all AJA hardware, AJA Converters are backed by our world class support network, Five year warranty, and AJA's advanced replacement policy.

Universal Power Supply

All AJA Mini-Converters ship with a universal power supply that includes international plug connections for use around the world.

AJA Mini-Matrix

Find the Right AJA Converter for Any Situation

Information on the complete line of AJA Converters is now available as a mobile app on iOS. The AJA Converter product line is extensive, and this app helps you find the right Converter for any situation, wherever you are. Individual products have links back to the main AJA website for more details, and you can email product information directly from the app. The free AJA Mini-Matrix app for iPad and iPhone is available now in the Apple App Store.

USB and Mini-Config

Visual Configuration and Control

AJA’s free Mini-Config software can be used with any USB enabled AJA Mini-Converter and provides an easy to use graphic interface with detailed information about the current input and output formats. Control all the parameters of any supported AJA Mini-Converter as well as loading firmware updates from AJA that add new features and functionality.
AJA’s infrastructure Mini-Converters provide a wide range of options for common infrastructure and point of use needs. Explore your options for Distribution Amplification, Audio Embedding/Disembedding, Audio Digital to Analog and Analog to Digital conversion, Multiplexing and Sync Generation with support for blackburst, bi-level, tri-level and equalization.

AJA Mini-Matrix: Converter Search Software
www.aja.com/software/mini-matrix

### 12GM $1,189
12G-SDI to/from Quad 3G-SDI, Multiplexer
- SDI Transport Converter for 12G, 6G, 3G, and 1.5G-SDI
- Single, dual or quad link SDI on inputs and outputs
- 12G-SDI to/from quad link 3G-SDI or dual link 6G-SDI
- 6G-SDI to/from quad link 1.5G-SDI or dual link 3G-SDI
- 3G-SDI to/from dual link 1.5G-SDI
- Two Sample Interleave (2SI) to/from Square Division (Quadrant) mapping
- 3G-SDI Level A to/from 3G-SDI Level B-DL
- 3G-B Dual Stream Support
- Simple Frame Rate Conversion (FRC) between Fractional and Integer rates
- HDR signaling metadata pass-through and optional override
- Embedded audio pass-through of AC-3 (Dolby Digital) and E-AC-3 (Dolby Digital Plus) compressed audio, including DD+ Atmos (aka DD+ JOC)
- Input timing analyzer for multi-link signals
- Configurable as a 1x4 Distribution Amplifier
- Automatic input equalization and output reclocking
- Configure via USB port and supplied Mini-Config software

### FS-Mini $879
3G/HD/SD-SDI Utility Frame Synchronizer
- Supports bi-level and tri-level references
- High quality 10-bit video processing
- Low latency processing, nominal video delay of 1 frame
- 3G-SDI input
- Simultaneous SDI and HDMI outputs
- Up, down, cross-conversion between 3G, HD, and SD video formats
- Loss of input management: Freeze, Black, or Mute
- Configure via DIP Switch or USB port and supplied Mini-Config software

### GEN10 $439
HD/SD Sync Generator
- HD tri-level sync generation
- SD Color Black or Color Bars
- Two groups of independently switchable outputs allow 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
**12G-AM** $1,245
12G-SDI 8-Channel AES Embedder/Disembedder
- Compact 12G-SDI 8-channel simultaneous audio disembedder/embedder
- Supports up to 4K/UltraHD single link
- 12G/6G/3G SDI input, autodetect
- 1.5G-SDI Internal Signal Generator allows the embedder path to function sans SDI input
- Includes XLR breakout cable, 8-Ch In and 8-Ch Out
- Optional 8 BNC Breakout cable (12G-AM CBL DB25-8BNC)
- Configure via DIP Switch or USB port and supplied Mini-Config software

**12G-AM-T** $1,639
12G-SDI 8-Channel AES Embedder/Disembedder With LC Fiber Tx SFP
- Compact 12G-SDI 8-channel simultaneous audio disembedder/embedder
- LC Fiber 12G transmitter
- Supports up to 4K/UltraHD single link
- 12G/6G/3G SDI input, autodetect
- 1.5G-SDI Internal Signal Generator allows the embedder path to function sans SDI input
- Includes XLR breakout cable, 8-Ch In and 8-Ch Out
- Optional 8 BNC Breakout cable (12G-AM CBL DB25-8BNC)
- Configure via DIP Switch or USB port and supplied Mini-Config software

**12G-AM-TR** $1,759
12G-SDI 8-Channel AES Embedder/Disembedder With LC Fiber TR SFP
- Compact 12G-SDI 8-channel simultaneous audio disembedder/embedder
- LC Fiber 12G transceiver
- Supports up to 4K/UltraHD single link
- 12G/6G/3G SDI input, autodetect
- 1.5G-SDI Internal Signal Generator allows the embedder path to function sans SDI input
- Includes XLR breakout cable, 8-Ch In and 8-Ch Out
- Optional 8 BNC Breakout cable (12G-AM CBL DB25-8BNC)
- Configure via DIP Switch or USB port and supplied Mini-Config software

**12G-AM-T-ST** $1,759
12G-SDI 8-Channel AES Embedder/Disembedder With ST Fiber Tx SFP
- Compact 12G-SDI 8-channel simultaneous audio disembedder/embedder
- ST Fiber 12G transmitter
- Supports up to 4K/UltraHD single link
- 12G/6G/3G SDI input, autodetect
- 1.5G-SDI Internal Signal Generator allows the embedder path to function sans SDI input
- Includes XLR breakout cable, 8-Ch In and 8-Ch Out
- Optional 8 BNC Breakout cable (12G-AM CBL DB25-8BNC)
- Configure via DIP Switch or USB port and supplied Mini-Config software
INFRASTRUCTURE | Mini-Converters

12G-AM-R $1,639
12G-SDI 8-Channel AES Embedder/Disembedder With LC Fiber Rx SFP
- Compact 12G-SDI 8-channel simultaneous audio disembedder/embedder
- LC Fiber 12G receiver
- Supports up to 4K/UltraHD single link
- 12G/6G/3G SDI input, autodetect
- 1.5G-SDI Internal Signal Generator allows the embedder path to function sans SDI input
- Includes XLR breakout cable, 8-Ch In and 8-Ch Out
- Optional 8 BNC Breakout cable (12G-AM CBL DB25-8BNC)
- Configure via DIP Switch or USB port and supplied Mini-Config software

12G-AM-R-ST $1,759
12G-SDI 8-Channel AES Embedder/Disembedder With ST Fiber Rx SFP
- Compact 12G-SDI 8-channel simultaneous audio disembedder/embedder
- ST Fiber 12G receiver
- Supports up to 4K/UltraHD single link
- 12G/6G/3G SDI input, autodetect
- 1.5G-SDI Internal Signal Generator allows the embedder path to function sans SDI input
- Includes XLR breakout cable, 8-Ch In and 8-Ch Out
- Optional 8 BNC Breakout cable (12G-AM CBL DB25-8BNC)
- Configure via DIP Switch or USB port and supplied Mini-Config software

3G-AM $999
3G-SDI 8-Channel AES Embedder/Disembedder
- 3G-SDI embedder/disembedder
- 8-channel AES I/O
- 3G-AM-XLR, includes XLR breakout cable, 8-Ch In and 8-Ch Out
- 3G-AM-BNC, includes BNC breakout cable, 8-Ch In and 8-Ch Out
- Configure via DIP Switch or USB port and supplied Mini-Config software

12G-AMA $1,245
12G-SDI 4-Channel Analog Audio Embedder/Dis embedder
- Compact 12G-SDI 4-channel simultaneous audio disembedder/embedder
- Selectable analog audio level
- Supports up to 4K/UltraHD single link
- 12G/6G/3G SDI input, autodetect
- 1.5G-SDI Internal Signal Generator allows the embedder path to function sans SDI input
- Includes XLR breakout cable, 4-Ch In and 4-Ch Out
- Configure via DIP Switch or USB port and supplied Mini-Config software
**INFRASTRUCTURE** | **Mini-Converters**

**12G-AMA-TR** $1,759
12G-SDI 4-Channel Analog Audio Embedder/Disembedder With LC Fiber TR SFP
- Compact 12G-SDI 4-channel simultaneous audio disembedder/embedder
- Selectable analog audio level
- LC Fiber 12G transceiver
- Supports up to 4K/UltraHD single link
- 12G/6G/3G SDI input, autodetect
- 1.5G-SDI Internal Signal Generator allows the embedder path to function sans SDI input
- Includes XLR breakout cable, 4-Ch In and 4-Ch Out
- Configure via DIP Switch or USB port and supplied Mini-Config software

**12G-AMA-T** $1,639
12G-SDI 4-Channel Analog Audio Embedder/Disembedder With LC Fiber Tx SFP
- Compact 12G-SDI 4-channel simultaneous audio disembedder/embedder
- Selectable analog audio level
- LC Fiber 12G transmitter
- Supports up to 4K/UltraHD single link
- 12G/6G/3G SDI input, autodetect
- 1.5G-SDI Internal Signal Generator allows the embedder path to function sans SDI input
- Includes XLR breakout cable, 4-Ch In and 4-Ch Out
- Configure via DIP Switch or USB port and supplied Mini-Config software

**12G-AMA-T-ST** $1,759
12G-SDI 4-Channel Analog Audio Embedder/Disembedder With ST Fiber Tx SFP
- Compact 12G-SDI 4-channel simultaneous audio disembedder/embedder
- Selectable analog audio level
- ST Fiber 12G transmitter
- Supports up to 4K/UltraHD single link
- 12G/6G/3G SDI input, autodetect
- 1.5G-SDI Internal Signal Generator allows the embedder path to function sans SDI input
- Includes XLR breakout cable, 4-Ch In and 4-Ch Out
- Configure via DIP Switch or USB port and supplied Mini-Config software

**12G-AMA-R** $1,639
12G-SDI 4-Channel Analog Audio Embedder/Disembedder With LC Fiber Rx SFP
- Compact 12G-SDI 4-channel simultaneous audio disembedder/embedder
- Selectable analog audio level
- LC Fiber 12G receiver
- Supports up to 4K/UltraHD single link
- 12G/6G/3G SDI input, autodetect
- 1.5G-SDI Internal Signal Generator allows the embedder path to function sans SDI input
- Includes XLR breakout cable, 4-Ch In and 4-Ch Out
- Configure via DIP Switch or USB port and supplied Mini-Config software
INFRASTRUCTURE | Mini-Converters

12G-AMA-R-ST $1,759
12G-SDI 4-Channel Analog Audio Embedder/Disembedder With ST Fiber Rx SFP
- Compact 12G-SDI 4-channel simultaneous audio disembedder/embedder
- Selectable analog audio level
- ST Fiber 12G receiver
- Supports up to 4K/UltraHD single link
- 12G/6G/3G SDI input, autodetect
- 1.5G-SDI Internal Signal Generator allows the embedder path to function sans SDI input
- Includes XLR breakout cable, 4-Ch In and 4-Ch Out
- Configure via DIP Switch or USB port and supplied Mini-Config software

12GDA $625
1x6 12G-SDI Reclocking Distribution Amplifier
- Compact 12G-SDI distribution
- Six separately reclocked outputs
- Support for HDR – High Dynamic Range video
- Cable Equalization (Belden 1694A coax)
  - 12 Gbps, 70m
  - 6 Gbps, 120m
  - 3 Gbps, 190m
  - 1.5 Gbps, 195m
  - 270 Mbps, 405m
- Passes all ancillary data

3G-AMA $999
3G-SDI Analog Audio Embedder/Disembedder
- 3G-SDI embedder/disembedder
- 4-channel balanced analog audio I/O
- Includes XLR breakout cable, 4-Ch In and 4-Ch Out
- Configure via DIP Switch or USB port and supplied Mini-Config software

3GDA $505
1x6 3G/HD/SD Reclocking Distribution Amplifier
- Compact SD/HD SDI distribution
- Six separately buffered outputs
- 3G-SDI cable equalization (1694 coax)
- SD: 270mb, 350m, HD: 1.5Gb, 200m
- 3G/HD/SD-SDI input, auto sensing
- Passes all ancillary data
INFRASTRUCTURE | Mini-Converters

HD5DA $255
1x4 HD/SD-SDI Distribution Amplifier
- Compact HD-SDI/SDI Distribution
- Four separately buffered HD-SDI/SDI outputs
- Auto equalization
- Belden 1694A cable, HD 125m, SD 300m
- Acts as low cost repeater
- Automatic multi-standard 143/177/270 Mb, 1.5 Gb

View Online

C10DA $229
1x6 Analog Video Distribution Amplifier
- Compact 1x6 analog DA
  - NTSC
  - PAL
- May be used to distribute tri-level sync when sync is fed into the Video Input for HD workflows
- 1 Analog, differential, 1x BNC Input
- 6 analog, 6x BNC outputs
- Gain: -3dB, -2dB, -1dB, 0dB, +1dB, +2dB, or +3dB, +/- 0.3dB

View Online

ADA4 $585
4-Channel Bidirectional Audio A/D and D/A Converter
- 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 96 kHz and 48 kHz DIP Switch configuration
- Breakout Cable included

View Online

View Online
HDMI | Mini-Converters

AJA Hi5 and HA5 Mini-Converters for SDI to HDMI or HDMI to SDI conversion are amongst the most popular converters in AJA’s lineup. AJA HDMI Mini-Converters offer support for raster sizes all the way from SD and HD to 4K/UltraHD, as well as connections for the latest 12G-SDI and HDMI standards.

**Hi5-12G-TR $1,495**

12G-SDI to HDMI 2.0 Mini-Converter with LC Fiber TR SFP
- Convert 12G-SDI to HDMI 2.0b at up to 4K 60p
- Support for 4:4:4/4:2:2/4:2:0 HDMI 2.0b output
- Supports 12-bit workflows
- HDR signaling metadata pass-through and optional override
- Embedded audio support 8-channel 24-bit
- Embedded audio pass-through of AC-3 (Dolby Digital) and E-AC-3 (Dolby Digital Plus) compressed audio, including DD+ Atmos (aka DD+ JOC)
- 12G-SDI loop out
- Fiber SFP models available
- Configure via USB port and supplied Mini-Config software

**Hi5-12G-R $1,245**

12G-SDI to HDMI 2.0 Mini-Converter with LC Fiber Rx SFP
- Convert 12G-SDI to HDMI 2.0b at up to 4K 60p
- Support for 4:4:4/4:2:2/4:2:0 HDMI 2.0b output
- Supports 12-bit workflows
- Includes a single channel LC Fiber 12G receiver, which extends 12G-SDI signals over long distances (10 km Single Mode)
- HDR signaling metadata pass-through and optional override
- Embedded audio support 8-channel 24-bit
- Embedded audio pass-through of AC-3 (Dolby Digital) and E-AC-3 (Dolby Digital Plus) compressed audio, including DD+ Atmos (aka DD+ JOC)
- 12G-SDI loop out
- Configure via USB port and supplied Mini-Config software

**Hi5-12G $999**

12G-SDI to HDMI 2.0 Mini-Converter
- Convert 12G-SDI to HDMI 2.0b at up to 4K 60p
- Support for 4:4:4/4:2:2/4:2:0 HDMI 2.0b output
- Supports 12-bit workflows
- HDR signaling metadata pass-through and optional override
- Embedded audio support 8-channel 24-bit
- Embedded audio pass-through of AC-3 (Dolby Digital) and E-AC-3 (Dolby Digital Plus) compressed audio, including DD+ Atmos (aka DD+ JOC)
- 12G-SDI loop out
- Fiber SFP models available
- Configure via USB port and supplied Mini-Config software

**Hi5-12G-R-ST $1,375**

12G-SDI to HDMI 2.0 Conversion with ST Fiber Receiver
- Convert 12G-SDI to HDMI 2.0b at up to 4K 60p
- Support for 4:4:4/4:2:2/4:2:0 HDMI 2.0b output
- Supports 12-bit workflows
- Includes a single channel ST Fiber 12G receiver, which extends 12G-SDI signals over long distances (10 km Single Mode)
- HDR signaling metadata pass-through and optional override
- Embedded audio support 8-channel 24-bit
- Embedded audio pass-through of AC-3 (Dolby Digital) and E-AC-3 (Dolby Digital Plus) compressed audio, including DD+ Atmos (aka DD+ JOC)
- 12G-SDI loop out
- Configure via USB port and supplied Mini-Config software
**Hi5-4K-Plus** $835

4K/UltraHD (4x 3G-SDI) to Full HDMI 2.0 Mini-Converter

- Convert quad 3G-SDI to HDMI 2.0 up to 4K/UltraHD 60p
- Support for 4.4:4/4.2:2/4:2:0 HDMI 2.0b output
- Supports 12-bit workflows
- HDR support with HDR10 and HLG
- Supports Quad 3G & 1.5G/Dual Link 3G/3G-SDI
- Supports Two Sample Interleave (2SI) and Square Division (Quadrant) input pixel mapping
- HDR signaling metadata pass-through and optional override
- Embedded audio support 8-channel 24-bit
- Embedded audio pass-through of AC-3 (Dolby Digital) and E-AC-3 (Dolby Digital Plus) compressed audio, including DD+ Atmos (aka DD+ JOC)
- Configure via USB port and supplied Mini-Config software

**Hi5-Plus** $505

3G-SDI to HDMI Mini-Converter with Embedded Audio

- 3G-SDI to HDMI 1.4
- Easily integrate HDMI devices into SDI workflows
- 3G capability for high data rate signals
- Compact size fits easily in small spaces
- 16-channel embedded SDI and 8-channel HDMI audio
- 2-channel RCA analog audio output
- Configure via USB port and supplied Mini-Config software

**Hi5-Fiber** $879

3G-SDI over Fiber to HDMI Video and Audio Mini-Converter

- Fiber optic HD/SD-SDI to HDMI up to 10 km (32,808 ft)
- Supports single mode 1310 nm fiber optic cable with ST receiver
- Full HDMI support including embedded audio
- Additional 2-channel RCA jack audio output
- No configuration necessary
- HDMI v1.2 standard
- 1m HDMI cable included
- Update via USB port
HDMI | Mini-Converters

HA5-12G $999
HDMI 2.0 to 12G-SDI Mini-Converter
- Convert HDMI 2.0b up to 4K/UltraHD 60p to 12G-SDI with a second mirrored output
- Supports up to 60p input at 4:4:4/4:2:2/4:2:0
- Supports 12-bit workflows
- EDID LFR and HFR Emulation up to UHD 60p
- Real-time HDMI HDR Infoframe data reporting
- HDR signaling metadata pass-through and optional override
- Simple Frame Rate Conversion (FRC) between Fractional and Integer rates
- Embedded audio pass-through of AC-3 (Dolby Digital) and E-AC-3 (Dolby Digital Plus) compressed audio, including DD+ Atmos (aka DD+ JOC)
- Embedded audio can be selected from the HDMI or Analog audio inputs
- Fiber SFP models available
- Configure via USB port and supplied Mini-Config software

HA5-12G-T $1,245
HDMI 2.0 to 12G-SDI Mini-Converter
- Convert HDMI 2.0b up to 4K 60p to 12G-SDI with a second mirrored output
- Includes a single channel ST Fiber 12G transmitter, which extends 12G-SDI signals over long distances (10 km Single Mode)
- Supports up to 60p input at 4:4:4/4:2:2/4:2:0
- EDID HFR Emulation up to UHDp60
- Simple Frame Rate Conversion (FRC) between Fractional or Integer rates
- Analyzes HDR Infoframe data coming in over HDMI as HDMI v2.0b/CTA-861-G using AJA Mini-Config software
- HDR Infoframe decoder as defined in CTA-861-G and HDMI v2.0b
- Embedded audio pass-through of E-AC-3 (Dolby Digital Plus) compressed audio, including DD+ Atmos.
- Embedded audio can be selected from the HDMI or Analog audio inputs
- Preprocessing controls for sources with high jitter
- Configure via USB port and supplied Mini-Config software

HA5-12G-T-ST $1,375
HDMI 2.0 to 12G-SDI Mini-Converter
- Convert HDMI 2.0b up to 4K/UltraHD 60p to 12G-SDI with a second mirrored output
- Includes a single channel ST Fiber 12G transmitter, which extends 12G-SDI signals over long distances (10 km Single Mode)
- Supports 12-bit workflows
- Support for up to 60p input at 4:4:4/4:2:2/4:2:0
- EDID HFR Emulation up to UHDp60
- Simple Frame Rate Conversion (FRC) between Fractional or Integer rates
- Analyzes HDR Infoframe data coming in over HDMI as HDMI v2.0b/CTA-861-G using AJA Mini-Config software
- HDR Infoframe decoder as defined in CTA-861-G and HDMI v2.0b
- Embedded audio pass-through of E-AC-3 (Dolby Digital Plus) compressed audio, including DD+ Atmos.
- Embedded audio can be selected from the HDMI or Analog audio inputs
- Preprocessing controls for sources with high jitter
- Configure via USB port and supplied Mini-Config software
**HA5-4K $835**
4K/UltraHD HDMI to 4K/UltraHD SDI Mini-Converter
- Convert HDMI 2.0b up to 4K/UltraHD 60p to quad or dual 1.5G/3G SDI out
- 2K/HD conversion to single 1.5G/3G SDI out
- Supports Two Sample Interleave (2SI) or Square Division (Quadrant) output pixel mapping
- EDID HFR Emulation up to UHDp60
- Real-time HDMI HDR Infoframe data reporting
- HDR Metadata VPID Pass-through and optional override
- Simple Frame Rate Conversion (FRC) between Fractional or Integer rates
- Embedded audio support 8-channel 24-bit
- Embedded audio pass-through of AC-3 (Dolby Digital) and E-AC-3 (Dolby Digital Plus) compressed audio, including DD+ Atmos (aka DD+ JOC)
- Configure via USB port and supplied Mini-Config software

**HA5-Plus $505**
HDMI to 3G-SDI Mini-Converter with Embedded Audio
- HDMI to 3G/HD-SDI
- EDID Emulation
- Simple Frame Rate Conversion (FRC) between Fractional or Integer rates
- Full HDMI support including embedded audio
- Equalized HDMI input
- PLL clock filtering for low jitter SDI outputs
- HDMI v1.2 standard
- 1m HDMI cable included
- Configure via USB port and supplied Mini-Config software

**HA5-Fiber $879**
HDMI to 3G-SDI over Fiber Video and Audio Mini-Converter
- HDMI to 3G-SDI over fiber up to 10 km (32,808 ft)
- EDID Emulation
- Supports single mode 1310 nm fiber optic cable with ST transmitter
- Simple Frame Rate Conversion (FRC) between Fractional or Integer rates
- Full HDMI input support including embedded audio
- Additional 2-channel RCA style analog audio (-10dBu nominal) input
- No configuration necessary
- 1m HDMI cable included
- Configure via USB port and supplied Mini-Config software
**ROI-HDMI $1,245**
HDMI to 3G-SDI Scan Converter with Region of Interest and Frame Synchronizer
- Convert computer signals to professional video, with Region of Interest scaling
- User adjustable Region of Interest with interactive on-screen controls via supplied
- Frame rate conversion
- Automatic input detection and configuration
- Scan converter with dual independent scalers
- Rotation, Horizontal and Vertical flip controls
- 3G/HD/SD-SDI output support for common SD and HD formats
- 4:3/16:9 conversion modes supported
- EDID Emulation
- Embedded SDI audio output
- Loss of input management: Black, or Mute
- Genlock: Reference Input, or Free Run
- 3.5mm analog audio input embedded into SDI output
- Loop through HDMI connector
- Configure via USB port and supplied Mini-Config software

**ROI-SDI $1,245**
3G-SDI to HDMI/3G-SDI Scan Converter with Region of Interest and Frame Synchronizer
- Convert 3G-SDI to 3G-SDI and HDMI conversion, with Region of Interest scaling
- User adjustable Region of Interest
- Frame rate conversion
- Automatic input detection and configuration
- Scan converter with dual independent scalers
- Rotation, Horizontal and Vertical flip controls
- 4:3/16:9 conversion modes supported
- Loss of input management: Black, or Mute
- Genlock: Reference Input, SDI Input, or Free Run
- 2-channel RCA analog audio output
- Easy user control via USB
- 3G-SDI loop through
- Configure via USB port and supplied Mini-Config software

**ROI-DVI $1,245**
DVI to 3G-SDI Scan Converter with Region of Interest and Frame Synchronizer
- Convert computer signals to professional SDI video, with Region of Interest scaling
- User adjustable Region of Interest with interactive on-screen controls via supplied
- Frame rate conversion
- Automatic input detection and configuration
- Scan converter with dual independent scalers
- Rotation, Horizontal and Vertical flip controls
- 3G/HD/SD-SDI output support for common SD and HD formats
- 4:3/16:9 conversion modes supported
- EDID Emulation
- Embedded SDI audio output
- Loss of input management: Black, or Mute
- Genlock: Reference Input, DVI Input, or Free Run
- 3.5mm analog audio input embedded into SDI output
- Loop through DVI-D connector
- Configure via USB port and supplied Mini-Config software

**ROI-DP $1,245**
Display Port to 3G-SDI Scan Converter with Region of Interest and Frame Synchronizer
- Convert computer signals to professional video, with Region of Interest scaling
- User adjustable Region of Interest with interactive on-screen controls via supplied
- Frame rate conversion
- Automatic input detection and configuration
- Scan converter with dual independent scalers
- Rotation, Horizontal and Vertical flip controls
- 3G/HD/SD-SDI output support for common SD and HD formats
- 4:3/16:9 conversion modes supported
- EDID Emulation
- Embedded SDI audio output
- Loss of input management: Black, or Mute
- Genlock: Reference Input, or Free Run
- 3.5mm analog audio input embedded into SDI output
- Loop through DisplayPort connector
- Configure via USB port and supplied Mini-Config software

The ROI family of scan converters allow exceptionally high quality conversion of computer and video signals, including Region of Interest extraction from DVI, DP, HDMI and 3G-SDI sources for scaling and conversion to 3G-SDI and/or HDMI baseband video. With incredible image scaling and rotation, aspect ratio and frame rate conversion, ROI fulfills the need to scale sources to a desired resolution, all in real time.

**AJA Mini-Matrix:** Converter Search Software – [www.aja.com/software/mini-matrix](http://www.aja.com/software/mini-matrix)
SCALING | Mini-Converters

AJA Scaling converters provide highquality conversion for an entire source image for a range of needs, whether from 4K to HD, up, down or cross-conversion between SD and HD formats or even HD to DVI conversion for driving DVI monitors from video sources.

AJA Mini-Matrix: Converter Search Software
www.aja.com/software/mini-matrix

UDC $879
Up, Down, Cross Mini-Converter
- Converts between 3G, HD, and SD formats
- Supports 1080p50, 60
- Very high quality conversions
- Built-in frame synchronizer
- Loss of input management: Freeze, Black, or Mute
- 3G-SDI input
- Simultaneous SDI and HDMI outputs
- 16-channel embedded SDI audio
- HDMI output with 8-channel audio
- 2-channel RCA analog audio output
- Genlock: Reference Input, SDI Input, or Free Run
- Configure via DIP Switch or USB port and supplied Mini-Config software

HDP3 $879
3G-SDI to DVI-D Mini-Converter with Embedded Audio
- 3G-SDI to DVI-D supports up to 1080p60
- Automatically adapts to popular LCD/DLP/Plasma monitors (and projectors) up to 1920 x 1200 and 1080p
- High quality scaling engine for proper display of 4:3 or 16:9 content
- 1:1 scaling for suitable monitor configurations
- 1:1 pixel mapping when selected
- 2-channel RCA analog audio output (user assignable channels)
- HD-SDI/SDI looping output
- Configure via USB port and supplied Mini-Config software

View Online
AJA IP Mini-Converters are designed for the transport, reception, and decoding of IP video. Models are available for either SMPTE ST 2110 uncompressed video and audio over IP with 10 GigE connectivity or JPEG 2000 TR-01 video and audio over 1 GigE.

Rugged, quiet, and compact, these practical Mini-Converters provide the bridge between baseband and IP video for a range of applications.

**AJA Mini-Matrix: Converter Search Software**

www.aja.com/software/mini-matrix

<table>
<thead>
<tr>
<th>IP Mini-Converters</th>
<th>Priced at</th>
<th>Model Description</th>
<th>Features</th>
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</thead>
</table>
| **IPR-10G2-HDMI** | $1,615 | SMPTE ST 2110 IP Video and Audio Converter | - SMPTE ST 2110 audio, video transmitter  
- 1x full size (standard type A) HDMI 1.4b input  
- Supports up to 1080p 60p, 4:2:2, 10-bit, YCbCr  
- 2x 10 GigE SFP+ cages for media LAN (providing support for ST 2022-7 Hitless Switching) with status light  
- 1x 1 GigE RJ45 socket for control LAN with status light  
- NMOS and Ember+ support  
- 2x RCA analog audio input  
- 1x mini-USB port for initial network configuration with AJA eMini-Setup software  
- Complete setup and control interface on any web browser from a built-in web server |
| **IPT-10G2-SDI** | $1,759 | SMPTE ST 2110 IP Video and Audio Converter | - SMPTE ST 2110 audio, video transmitter  
- 1x full size (standard type A) HDMI 1.4b input  
- Supports up to 1080p 60p, 4:2:2, 10-bit, YCbCr  
- 2x 10 GigE SFP+ cages for media LAN (providing support for ST 2022-7 Hitless Switching) with status light  
- 1x 1 GigE RJ45 socket for control LAN with status light  
- NMOS and Ember+ support  
- 2x RCA analog audio input  
- 1x mini-USB port for initial network configuration with AJA eMini-Setup software  
- Complete setup and control interface on any web browser from a built-in web server |

**IPR-10G2-HDMI**

- HDMI to SMPTE ST 2110 IP Video and Audio Converter
- SMPTE ST 2110 audio, video transmitter
- 1x full size (standard type A) HDMI 1.4b input
- Supports up to 1080p 60p, 4:2:2, 10-bit, YCbCr
- 2x 10 GigE SFP+ cages for media LAN (providing support for ST 2022-7 Hitless Switching) with status light
- 1x 1 GigE RJ45 socket for control LAN with status light
- NMOS and Ember+ support
- 2x RCA analog audio input
- 1x mini-USB port for initial network configuration with AJA eMini-Setup software
- Complete setup and control interface on any web browser from a built-in web server

**IPT-10G2-SDI**

- 3G-SDI to SMPTE ST 2110 IP Video and Audio Converter
- SMPTE ST 2110 audio, video transmitter
- 1x full size (standard type A) HDMI 1.4b input
- Supports up to 1080p 60p, 4:2:2, 10-bit, YCbCr
- 2x 10 GigE SFP+ cages for media LAN (providing support for ST 2022-7 Hitless Switching) with status light
- 1x 1 GigE RJ45 socket for control LAN with status light
- NMOS and Ember+ support
- 2x RCA analog audio input
- 1x mini-USB port for initial network configuration with AJA eMini-Setup software
- Complete setup and control interface on any web browser from a built-in web server
V2Digital™ $439
Analog Video to HD/SD-SDI Converter
• 10-bit AJA quality analog to digital conversion
• Low power, compact size
• YPbPr/RGB component or composite input
• HD/SD-SDI output
• Configure via DIP Switch or USB port and supplied Mini-Config software

Note: V2Digital does not up or down-convert between SD and HD resolutions. Only analog to digital signal conversion is supported.

V2Analog™ $439
HD/SD-SDI to Analog Video Converter
• 10-bit AJA digital to analog conversion
• Low power, compact size
• HD/SD-SDI input
• YPbPr/RGB Component, Composite, S-Video output
• Configure via DIP Switch or USB port and supplied Mini-Config software

Note: V2Analog does NOT up-convert and/or down-convert between SD and HD resolutions. Only digital to analog signal conversion is supported.
AJA's HDBaseT line of Mini-Converters offer an easy solution for extending video signals up to 100 meters over Cat 5 (or better) cable, utilizing the industry standard HDBaseT protocol. Bidirectional IR and RS-232 for device control are also supported, making these Mini-Converters ideal in a variety of scenarios including fixed installation AV, digital signage, live events, postproduction/network/studio environments and on-set.

**RovoRx-HDMI** $625
HDBaseT to HDMI Mini-Converter with PoH
- HDBaseT 4K/UltraHD Signal Extender
- Converts HDBaseT to HDMI
- Extend uncompressed 4K or HD HDMI signal up to 100m over Cat 5 (or better)
- Wide support for VESA (Computer) formats and DVI compatibility (with adapter)
- IR IN and OUT
- RS-232 device control connection
- Designed for the AJA RovoCam

**RovoRx-SDI** $1,245
HDBaseT to 6G/3G-SDI and HDMI Mini-Converter with POH, Genlock
- HDBaseT 4K/UltraHD Signal Extender
- Converts HDBaseT to HDMI and SDI
- Extend uncompressed 4K or HD HDMI signal up to 100m over Cat 5 (or better)
- Wide support for VESA (Computer) formats and DVI compatibility (with adapter)
- IR IN and OUT
- RS-232 device control connection
- Designed for the AJA RovoCam
OPTICAL FIBER | Mini-Converters

**Single, Dual, and Quad Channel SDI/Fiber Converters**

FiDO is a family of SDI/Optical Fiber extenders. FiDO allows the transport of 12G/6G/3G/HD/SD-SDI over distances up to 10km when using standard Single Mode fiber optic cable with Single Mode models.

Choose LC, ST, or SC connectors, depending on the converter model. Configure as appropriate with the SFP configurator.

FiDO converters meet all relevant SMPTE specifications and are rugged, versatile, and suitable for a variety of applications.

AJA Mini-Matrix: Converter Search Software
www.aja.com/software/mini-matrix

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### Models:

| FiDO-TR-12G | 1-Channel 12G-SDI/LC Single Mode LC Fiber Transceiver |
| FiDO-T-12G | 1-Channel 12G-SDI to Single Mode LC Fiber Transmitter |
| FiDO-T-12G-ST | 1-Channel 12G-SDI to Single Mode ST Fiber Transmitter, with SDI Loop Out |
| FiDO-T-12G-SC | 1-Channel 12G-SDI to Single Mode SC Fiber Transmitter, with SDI Loop Out |
| FiDO-2T | 2-Channel Single Mode LC Fiber to 12G-SDI Receiver |
| FiDO-2T-MM | 2-Channel 3G-SDI to Multi-Mode LC Fiber Transmitter |
| FiDO-2R | 2-Channel Single Mode LC Fiber to 3G-SDI Receiver |
| FiDO-2R-MM | 2-Channel Multi-Mode LC Fiber to 3G-SDI Receiver |
| FiDO-3G-SDI/MM | 3-Channel 3G-SDI to Multi-Mode LC Fiber Transmitter |
| FiDO-3G-ST-MM | 3-Channel 3G-SDI to Multi-Mode ST Fiber Transmitter |
| FiDO-3G-SC-MM | 3-Channel 3G-SDI to Multi-Mode SC Fiber Transmitter |
| FiDO-3G-MM-MM | 3-Channel Multi-Mode LC Fiber to 3G-SDI Receiver |
| FiDO-3G-MM-MM-MM | 3-Channel Multi-Mode LC Fiber to 3G-SDI Receiver, with Dual SDI Outputs |

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**FiDO** is a family of SDI/Optical Fiber extenders. FiDO allows the transport of 12G/6G/3G/HD/SD-SDI over distances up to 10km when using standard Single Mode fiber optic cable with Single Mode models. Multi-Mode models are available. Choose LC, ST, or SC connectors, depending on the converter model.

**AJA Mini-Matrix:** Converter Search Software  
www.aja.com/software/mini-matrix

<table>
<thead>
<tr>
<th>Model</th>
<th>Price</th>
<th>Description</th>
<th>Features</th>
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</tr>
</thead>
</table>
| FiDO-TR-12G   | $1,659  | 1-Channel 12G-SDI/LC Single Mode LC Fiber Transceiver                                           | • Duplex connection (LC connector)  
• 12G/6G/3G/HD/SD-SDI input and output  
• Support for HDR – High Dynamic Range video  
• Bidirectional, independent dual channel fiber | 4K |
| FiDO-T-12G    | $989    | 1-Channel 12G-SDI to Single Mode LC Fiber Transmitter, with SDI Loop Out                        | • Simplex connection (LC connector)  
• 12G/6G/3G/HD/SD-SDI input  
• Support for HDR – High Dynamic Range video  
• Reclocked loop through of SDI input      | 4K |
| FiDO-2R-12G   | $1,659  | 2-Channel Single Mode LC Fiber to 12G-SDI Receiver                                              | • 2 simplex or 1 duplex connection (LC connector)  
• 2 independent channels of 12G/6G/3G/HD/SD-SDI output  
• Support for HDR – High Dynamic Range video  
• Both Fiber-to-SDI paths are completely independent | 4K |
| FiDO-R-12G    | $989    | 1-Channel Single Mode LC Fiber to 12G-SDI Receiver, with Dual SDI Out                            | • Simplex connection (LC connector)  
• 12G/6G/3G/HD/SD-SDI output  
• Support for HDR – High Dynamic Range video  
• Second SDI output (DA: same signal)  
• Dual, matching SDI outputs               | 4K |
| FiDO-2T-12G   | $1,659  | 2-Channel 12G-SDI to Single Mode LC Fiber Transmitter                                           | • 2 simplex or 1 duplex connection (LC connector)  
• 2 independent channels of 12G/6G/3G/HD/SD-SDI inputs  
• Support for HDR – High Dynamic Range video  
• Both SDI-to-Fiber paths are completely independent | 4K |
| FiDO-T-12G-ST | $1,135  | 1-Channel 12G-SDI to Single Mode ST Fiber Transmitter, with SDI Loop Out                        | • Simplex connection (ST connector)  
• 12G/6G/3G/HD/SD-SDI input  
• Support for HDR – High Dynamic Range video  
• Reclocked loop through of SDI input      | 4K |
OPTICAL FIBER | Mini-Converters

**FiDO-R-12G-ST** $1,135
1-Channel Single Mode ST Fiber to 12G-SDI Receiver, with Dual SDI Out
- Simplex connection (ST connector)
- 12G/6G/3G/HD/SD-SDI output
- Support for HDR – High Dynamic Range video
- Dual, matching SDI outputs

**FiDO-4T** $1,869
4-Channel 3G-SDI to Single Mode LC Fiber Transmitter
- 4 simplex or 2 duplex output connections (LC connector)
- 4 independent channels of 3G/HD/SD-SDI
- 4K/UltraHD-SDI over 4 fiber links

**FiDO-4T-MM** $2,485
4-Channel 3G-SDI to Multi-Mode LC Fiber Transmitter
- 4 simplex or 2 duplex output connections (LC connector)
- 4 independent channels of 3G/HD/SD-SDI
- 4K/UltraHD-SDI over 4 fiber links

**FiDO-4T-ST** $1,869
4-Channel 3G-SDI to Single Mode ST Fiber Transmitter
- 4 simplex output connection (ST connector)
- 4 independent channels of 3G/HD/SD-SDI
- 4K/UltraHD-SDI over 4 fiber links

**FiDO-4R** $1,869
4-Channel Single Mode LC Fiber to 3G-SDI Receiver
- 4 simplex or 2 duplex input connections (LC connector)
- 4 independent channels of 3G/HD/SD-SDI
- 4K/UltraHD-SDI over 4 fiber links

**FiDO-4R-ST** $1,869
4-Channel Single Mode ST Fiber to 3G-SDI Receiver
- 4 simplex input connection (ST connector)
- 4 independent channels of 3G/HD/SD-SDI
- 4K/UltraHD-SDI over 4 fiber links
OPTICAL FIBER Mini-Converters

FiDO-4R-MM $2,485
4-Channel Multi-Mode LC Fiber to 3G-SDI Receiver
- 4 simplex or 2 duplex input connections (LC connector)
- 4 independent channels of 3G/HD/SD-SDI
- 4K/UltraHD-SDI over 4 fiber links

FiDO-2T-MM $1,109
2-Channel 3G-SDI to Multi-Mode LC Fiber Transmitter
- Duplex connection (LC connector)
- Dual, independent 3G/HD/SD-SDI inputs
- Both SDI-to-Fiber paths are completely independent

FiDO-2T $815
2-Channel 3G-SDI to Single Mode LC Fiber Transmitter
- Duplex connection (LC connector)
- Dual, independent 3G/HD/SD-SDI inputs
- Both SDI-to-Fiber paths are completely independent

FiDO-2R-MM $1,109
2-Channel Multi-Mode LC Fiber to 3G-SDI Receiver
- Duplex connection (LC connector)
- Dual, independent 3G/HD/SD-SDI inputs
- Both Fiber-to-SDI paths are completely independent

FiDO-2R $815
2-Channel Single Mode LC Fiber to 3G-SDI Receiver
- Duplex connection (LC connector)
- Dual, independent 3G/HD/SD-SDI outputs
- Both Fiber-to-SDI paths are completely independent

FiDO-TR $815
1-Channel 3G-SDI/LC Single Mode LC Fiber Transceiver
- 1-channel 3G-SDI/LC Single Mode LC Fiber Transceiver
- Duplex connection (LC connector)
- 3G/HD/SD-SDI input and output
- Bidirectional, dual channel fiber

View Online
OPTICAL FIBER | Mini-Converters

**FiDO-TR-MM** $1,109
1-Channel 3G-SDI/LC Multi-Mode LC Fiber Transceiver
- Duplex connection (LC connector)
- 3G/HD/SD-SDI input and output
- Bidirectional, independent dual channel fiber

**FiDO-T-ST** $559
1-Channel 3G-SDI to Single Mode ST Fiber Transmitter, with SDI Loop Out
- Simplex connection (ST connector)
- 3G/HD/SD-SDI input
- Looping SDI output

**FiDO-T-MM** $869
1-Channel 3G-SDI to Multi-Mode LC Fiber Transmitter, with SDI Loop Out
- Simplex connection (LC connector)
- 3G/HD/SD-SDI input
- Looping SDI output

**FiDO-T** $559
1-Channel 3G-SDI to Single Mode LC Fiber Transmitter, with SDI Loop Out
- Simplex connection (LC connector)
- 3G/HD/SD-SDI input
- Looping SDI output

**FiDO-R** $559
1-Channel Single Mode LC Fiber to 3G-SDI Receiver, with Dual SDI Out
- Simplex connection (LC connector)
- 3G/HD/SD-SDI output
- Dual, matching SDI outputs
OPTICAL FIBER  |  Mini-Converters

**FiDO-R-ST**  $559  
1-Channel Single Mode ST Fiber to 3G-SDI Receiver, with Dual SDI Outputs  
- Simplex input connection (ST connector)  
- 3G/HD/SD-SDI output  
- Dual, matching SDI outputs

View Online

**FiDO-R-SC**  $559  
1-Channel Single Mode SC Fiber to 3G-SDI Receiver, with Dual SDI Output  
- Simplex connection (SC connector)  
- 3G/HD/SD-SDI output  
- Dual, matching SDI outputs

View Online

**FiDO-R-MM**  $869  
1-Channel Multi-Mode LC Fiber to 3G-SDI Receiver, with Dual SDI Output  
- Simplex connection (LC connector)  
- 3G/HD/SD-SDI output  
- Dual, matching SDI outputs

View Online
SFP Options Start at $255

AJA provides a range of products and optional SFP modules to allow you to make the most of your fiber infrastructure. You have the flexibility in many cases to order your AJA model variant with an SFP already installed at time of purchase, and in other cases you may wish to order additional optional SFPs alongside your initial purchase or post purchase.

AJA SFP Configurator

The AJA SFP configurator is the fastest way to ensure that you accurately select the most appropriate SFP for your workflow needs for the appropriate AJA product you wish to integrate into your facility infrastructure.

SFP Options Start at $255

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<th>Single Channel SC Fiber Transmitters and Receivers</th>
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<td>Model</td>
<td>Price</td>
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<td>FIBERST-1RX-12G</td>
<td>$505</td>
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</tbody>
</table>

AJA SFP Configurator

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Mini-Converter | Accessories

**DRM $749**

Mini-Converter Rackmount Frame

The DRM provides an open-ended rack-mountable frame for holding and powering AJA Mini-Converters (sold separately). The DRM is a 2RU high frame that can accommodate up to 6 of the larger AJA Mini-Converters (HD10 series)*. The DRM has a built-in 110/220V power supply with 12 connectors to provide 5V power directly to the Mini-Converters without the need for individual power supplies for each Mini-Converter.**

*NOTE: The largest Mini-Converters extend above the 2RU chassis height. One to two additional RU of empty space above the DRM-R2 frame is required for these large Mini-Converters.

**NOTE: The total power consumption of all Mini-Converters installed in the DRM and active at one time should not exceed 50 watts. If more power and flexibility is required in rack frame form factor, please explore our openGear card and frame options at: www.aja.com/family/opengear

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**DRM FCP $145**

Front Panel Cover for the DRM Frame

DRM front panel for the DRM frame provides a cover to protect devices within the frame and provides appropriate airflow for thermal cooling.

**DRM P/S $475**

Spare Power Supply for DRM Frame

A spare power assembly for the DRM frame. ROHS compliant.
Mini-Converter | Accessories

**DWP-U-R1 $65**
Universal Power Supply
The DWP-U-R1 is an internationally compatible universal power supply included free of charge with all AJA Mini-Converters. With four interchangeable plug adapters, the DWP-U-R1 can be used virtually anywhere in the world. A molded, latching, circular connector with gold pins ensures the DWP meets the high reliability requirements of the professional video industry.

**PWR-CABLE $99**
P-TAP to 2x AJA Mini-Converter Power Connectors
PWR-Cable provides two AJA Mini-Converter power connectors for use with batteries for convenient power supply solutions to AJA Mini-Converters, ideal for use in the field or on-set.

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**P-WAP-CBL $75**
P-Tap to AJA Mini-Converter Power Cable
P-TAP-CBL provides an elegant cable connection for powering AJA Mini-Converters from a standard P-tap (or D-tap) on your battery or battery plate, simplifying power supply needs in the field or on a shoot.

**CMP $129**
Converter Mounting Plate
Mount most AJA Mini-Converters on industry standard wireless transmitter brackets, etc. Flexible mounting options allow direct attachment of converters to cameras, rigs, and battery plates. One bracket with two mounting screws included.
## 12G-AM XLR Cable $89

**XLR Breakout Cable**
Optional breakout cable with 1x 25 pin D male connector to 8 XLR connectors providing 8-channels of input and 8-channels of output simultaneously. Also compatible with the 12G-AMA, 3G-AM, 3G-AMA, and ADA4.

**NOTE:** The 12G-AMA & 3G-AMA only support 4-channels of input and 4-channels of analog audio.

## 12G-AM BNC Cable $89

**AES BNC Breakout Cable**
Optional breakout cable with 1x 25 pin D male connector to 8 BNC connectors providing 8-channels of input and 8-channels of output simultaneously. Also compatible with the 3G-AM.

## RMB $15

**Rackmount Bracket**
Easily mount AJA Mini-Converters to the side of a rack. One bracket with two mounting screws included. Also available in a 10 pack; RMB-10.

## AJA Mini-Config **FREE**

**Visual Configuration and Control Software**
AJA’s free Mini-Config software can be used with any USB-enabled AJA Mini-Converter and provides an easy-to-use graphical interface with detailed information about the current input and output formats. Control all the parameters of any supported AJA Mini-Converter as well as loading firmware updates from AJA that add new features and functionality.
AJA Mini-Matrix FREE
Find the Right AJA Converter for Any Situation
Mini-Matrix offers information on the complete line of AJA Mini-Converters, Frame Syncs, KUMO Routers and openGear cards with a convenient search tool, available online and as an iOS app.
openGear Cards and Rackframe

For critical broadcast applications, AJA openGear compatible converter cards, with DashBoard support, provide the highest levels of quality and reliability for use in OG frames, including the AJA OG-X-FR.

openGear | OG-DANTE-12GAM $2,969  View Online

- Support for 12G/6G/3G SDI audio embedding to- and from- the Dante audio ecosystem
- Dual and independent 12G-SDI Input and Output ports, each supporting 16-audio channels, totaling 64-channels per card in a compact design
- 1x Primary and 1x Secondary 1Gb Ethernet ports
- 64-ch of simultaneous SDI/Dante audio bridging per card
- 2x Independent Internal SDI Generators for transmitting Dante audio channels over SDI without having an external SDI source signal
- DashBoard support for remote signal status and configuration
- Compatible with a range of Dante Software from Audinate
- High density and small form factor, enabling 10 cards to be utilized in a single openGear frame for up to 640 channels of SDI/Dante audio bridging
- Power: 15 watts
- Hot-swap capable
- Compatible with OG-X-FR and OG-3-FR openGear frames
OPENGEAR Cards and Rackframe

For critical broadcast applications, AJA openGear compatible converter cards, with DashBoard support, provide the highest levels of quality and reliability for use in OG frames, including the AJA OG-X-FR.

OG-12GM $1,189
openGear 12G-SDI to/from SDI Muxer/DeMuxer
- SDI Transport Converter for 12G, 6G, 3G and 1.5G-SDI
- Single, dual, or quad link SDI on inputs and outputs
- 12G-SDI to/from quad link 3G-SDI or dual link 6G-SDI
- 6G-SDI to/from quad link 1.5G-SDI or dual link 3G-SDI
- 3G-SDI to/from dual link 1.5G-SDI
- Two Sample Interleave to/from Square Division
- 3G-SDI Level A to/from Quad 3G-SDI Level B-DL
- HDR signaling metadata pass-through and override
- Input timing analyzer for multi-link signals
- Configurable as 1x4 DA
- Automatic input equalization and output reclocking
- Rear I/O included
- Power: 13 watts
- Hot-swappable
- Compatible with OG-X-FR, OG-3-FR, and DFR-8321 openGear frames

OG-12GDA-2x4 $869
openGear Dual 1x4 12G-SDI Distribution Amplifier
- Video Formats: 150 Mbps - 3 Gbps, format agnostic
- Input: 1x 3G-SDI BNC (1x8 mode); 2x 3G-SDI BNC (2x4 mode)
- Outputs: 8x 3G-SDI BNC
- 4x outputs noninverting (1x8 mode)
- 2x outputs noninverting (2x4 mode)
- Monitor via openGear DashBoard
- Passes embedded audio, all ancillary data, including Closed Captioning and time code
- Input Present and Input SMPTE Lock LEDs
- Power: 4.5 watts
- Hot-swappable
- Compatible with OG-X-FR, OG-3-FR, and DFR-8321 openGear frames

OG-FS-Mini $879
openGear 3G-SDI Frame Synchronizer
- Utility frame sync function times input signals to an external reference
- Supports bi-level and tri-level references
- High quality 10-bit video processing
- Low latency processing, nominal video delay of 1 frame
- Freeze (on input signal loss) to black or last good frame
- Synchronizes 3G, HD, SD video formats
- Simultaneous SDI and HDMI outputs
- 16-channel embedded SDI audio I/O
- Up, down, cross-conversion between 3G, HD, and SD video formats
- Power: 7 watts
- Compatible with OG-X-FR, OG-3-FR, and DFR-8321 openGear frames

OG-3GDA-2x4 $695
openGear 2x4 3G-SDI Reclocking DA
- Video Formats: 150 Mbps - 3 Gbps, format agnostic
- Input: 1x 3G-SDI BNC
- Outputs: 8x 3G-SDI BNC
- 4x outputs noninverting (1x8 mode)
- 2x outputs noninverting (2x4 mode)
- Monitor via openGear DashBoard
- Passes embedded audio, all ancillary data, including Closed Captioning and time code
- Input Present and Input SMPTE Lock LEDs
- Automatic input equalization and output reclocking
- 270 Mbps, 1.483 Gbps, 1.485 Gbps, 2.966 Gbps, 2.970 Gbps - Auto Select
- Power: 2.6 watts
- Hot-swappable
- Compatible with OG-X-FR, OG-3-FR, and DFR-8321 openGear frames

AJA Converters Catalog – February 2023
OG-3G-AMA $999
openGear 3G-SDI Analog Audio Embedder/Disembedder
- 3G-SDI Embedder/Disembedder
- 8-channel Balanced Analog Audio I/O
- Controlled by DashBoard network control software and external DIP Switch
- 8x 3-Pin Terminal Block connectors (included)
- Power: 5 watts
- Compatible with OG-X-FR, OG-3-FR, and DFR-8321 openGear frames

OG-3G-AMD $999
openGear 3G-SDI 8-Channel 24-bit AES Embedder/Disembedder
- Video Formats: 3G-SDI
- 3G-SDI Embedder / Disembedder in one board
- Input: 1x 3G-SDI BNC
- Outputs: 1x 3G-SDI BNC
- 4x AES BNC (2 channels per input)
- Local and Remote modes
- Incoming embedded audio passed, removed, or overridden
- Configure via openGear DashBoard, or DIP Switch
- Power: 5 watts
- Hot-swappable
- Compatible with OG-X-FR, OG-3-FR, and DFR-8321 openGear frames

OG-3GDA-1x9 $625
openGear 1x9 3G-SDI Reclocking DA
- Video Formats: 150 Mbps - 3 Gbps, format agnostic
- Input: 1x 3G-SDI BNC
- Outputs: 9x 3G-SDI BNC
- Monitor via openGear DashBoard
- Passes embedded audio, all ancillary data, including Closed Captioning and time code
- Input Present and Input SMPTE Lock LEDs
- Automatic input equalization and output reclocking
- 270 Mbps, 1.483 Gbps, 1.485 Gbps, 2.966 Gbps, 2.970 Gbps - Auto Select
- Power: 2.5 watts
- Hot-swappable
- Compatible with OG-X-FR, OG-3-FR, and DFR-8321 openGear frames
OG-Hi5-4K-Plus $835
openGear 4K/UltraHD (4x 3G-SDI) to Full HDMI 2.0 Converter
- Convert quad 3G-SDI to HDMI 2.0b up to 4K/UltraHD 60p
- Fully supports HDMI v2.0 to the maximum 18 Gbps for 4K/UltraHD 50/59.94/60 4:2:2/4:4:4
- Supports 12-bit workflows
- HDR support with HDR10 and HLG
- Supports Quad 3G & 1.5G / Dual Link 3G / 3G-SDI
- Supports Two Sample Interleave (2SI) and Square Division (Quadrant) input pixel mapping
- HDR-signaling metadata pass-through and optional override
- Embedded audio support 8-channel 24-bit
- Embedded audio pass-through of AC-3 (Dolby Digital) and E-AC-3 (Dolby Digital Plus) compressed audio, including DD+ Atmos (aka DD+ JOC)
- Remote Ethernet configuration through Ross Dashboard software
- Power: 12 watts
- Hot-swappable
- Rear I/O card included
- Two slots required for each card
- Compatible with OG-X-FR, OG-3-FR and DFR-8321 openGear frames

OG-HA5-4K $835
openGear 4K/UltraHD/2K/HD/SD HDMI 2.0 to 3G-SDI Conversion
- Convert HDMI 2.0b up to 4K/UltraHD 60p to quad or dual 1.5G/3G SDI out
- Supports Two Sample Interleave (2SI) and Square Division (Quadrant) output pixel mapping
- EDID Emulation
- Real-time HDMI HDR Infoframe data reporting with Dashboard software
- HDR Metadata VPID Pass-through and optional override
- Simple Frame Rate Conversion (FRC)
- Embedded audio support 8-channel 24-bit
- Embedded audio pass-through of AC-3 (Dolby Digital Plus) and E-AC-3 compressed audio, including DD+ Atmos (aka DD+ JOC)
- Remote Ethernet configuration through Ross Dashboard software
- Power: 10 watts
- Hot-swappable
- Rear I/O card included
- Two slots required for each card
- Compatible with OG-X-FR, OG-3-FR, and DFR-8321 openGear frames
OPENGEAR | Cards and Rackframe

OG-ROI-HDMI $1,245
HDMI to 3G-SDI Scan Conversion
- Convert computer signals to professional video, with Region of Interest scaling
- User adjustable Region of Interest
- Frame rate conversion
- Automatic input detection and configuration
- Scan converter with dual independent scalers
- Rotation, Horizontal and Vertical flip controls
- 3G/HD-SDI output support
- 4:3/16:9 conversion modes supported
- EDID Emulation
- Embedded SDI audio output
- Loss of input management: Black, or Mute
- Audio input via 3-pin analog connectors or 8-channel HDMI embedded audio
- Controlled by DashBoard network control software
- Power: 8 watts
- Hot-swappable
- Compatible with OG-X-FR, OG-3-FR, and DFR-8321 openGear frames

OG-ROI-DVI $1,245
DVI to 3G-SDI Scan Conversion
- Convert computer signals to professional video, with Region of Interest scaling
- User adjustable Region of Interest
- Frame rate conversion
- Automatic input detection and configuration
- Scan converter with dual independent scalers
- Rotation, Horizontal and Vertical flip controls
- 3G/HD-SDI output support
- 4:3/16:9 conversion modes supported
- EDID Emulation
- Embedded SDI audio output
- Loss of input management: Black, or Mute
- 2-channels analog audio output of disembedded audio inputs or 2-channel or 8-channel DVI audio
- Controlled by DashBoard network control software
- Power: 8 watts
- Hot-swappable
- Compatible with OG-X-FR, OG-3-FR, and DFR-8321 openGear frames

OG-ROI-SDI $1,245
3G-SDI to HDMI/3G-SDI Scan Conversion
- Convert 3G-SDI to 3G-SDI and HDMI conversion, with Region of Interest scaling
- User adjustable Region of Interest
- Frame rate conversion
- Automatic input detection and configuration
- Scan converter with dual independent scalers
- Rotation, Horizontal and Vertical flip controls
- 4:3/16:9 conversion modes supported
- Loss of input management: Black, or Mute
- Genlock: Reference Input, SDI Input, or Free Run
- 2-channels analog audio output of disembedded audio (2x 3-Pin Terminal Block connectors included)
- Remote Ethernet configuration through Ross DashBoard software
- Power: 7 watts
- Hot-swappable
- Compatible with OG-X-FR, OG-3-FR, and DFR-8321 openGear frames

AJA Converters Catalog – February 2023
OG-UDC $879
openGear 3G-SDI Up, Down, Cross-Converter
- Converts between 3G, HD, and SD formats
- Supports 1080p 50/60
- 2x 3-Pin Terminal Block connectors (included)
- 16-channel embedded SDI audio input and output
- Reference Input
- Controlled by DashBoard network control software and external DIP Switch
- Power: 7 watts
- Hot-swappable
- Compatible with OG-X-FR, OG-3-FR, and DFR-8321 openGear frames

OG-X-PS $865
Optional Redundant Power Supply for the OG-X-FR and OG-3-FR
OG-FiDO 12G Features

- Video Formats: 270 Mbps - 12 Gbps, format agnostic
- Support for HDR – High Dynamic Range video
- Input Present and Input SMPTE Lock LEDs
- Automatic detection and reclocking
- 270 Mbps, 1.483 Gbps, 1.485 Gbps, 2.967 Gbps, 2.970 Gbps, 5.934 Gbps, 5.940 Gbps, 11.868 Gbps, 11.880 Gbps - Auto Select, all other rates are passed through and not reclocked
- Nominal Wavelength:
  - Single Mode Tx: 1310 nm, Rx: 1260-1620 nm
- Power: 3 watts (max)
- Hot-swappable
- Remote Ethernet Monitor through Ross DashBoard software
- Appropriate Fiber SFP included
- Rear I/O card included
- Two slots required for each card
- Compatible with OG-X-FR, OG-3-FR, and DFR-8321 openGear frames

OG-FiDO-TR-12G $1,659
openGear 1-Channel 12G-SDI to Single Mode LC Fiber Transceiver

OG-FiDO-2T-12G $1,659
openGear 2-Channel 12G-SDI to Single Mode LC Fiber Transmitter

OG-FiDO-2R-12G $1,135
openGear 2-Channel Single Mode LC Fiber to 12G-SDI Receiver

OG-FiDO-T-12G-ST $1,135
openGear 1-Channel 12G-SDI to Single Mode ST Fiber Transmitter

OG-FiDO-R-12G-ST $1,135
openGear 1-Channel Single Mode ST Fiber to 12G-SDI Receiver
**OG-FiDO 3G Features**

- Video Formats: 150 Mbps - 3 Gbps, format agnostic
- Input Present and Input SMPTE Lock LEDs
- Automatic detection and reclocking
- 270 Mbps, 1,483 Gbps, 1,485 Gbps, 2,967 Gbps, 2,970 Gbps - Auto Select, all other rates are passed through and not reclocked
- Nominal Wavelength:
  - Single Mode Tx: 1390 nm, Rx: 1260-1390 nm
  - Multi-Mode Tx/Rx: 850 nm
- Power: 2.5 watts (max)
- Hot-swappable
- Remote Ethernet Monitor through Ross DashBoard software
- Appropriate Fiber SFP included
- Rear I/O card included
- Two slots required for each card
- Compatible with OG-X-FR, OG-3-FR, and DFR-8321 openGear frames

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**OG-FiDO-TR** $815
openGear 1-Channel 3G-SDI/LC Single Mode LC Fiber Transceiver

**OG-FiDO-TR-MM** $1,109
openGear 1-Channel 3G-SDI/LC Multi-Mode LC Fiber Transceiver

**OG-FiDO-2T-MM** $1,109
openGear 2-Channel 3G-SDI to Single Mode LC Fiber Transmitter

**OG-FiDO-2R-MM** $1,109
openGear 2-Channel 3G-SDI to Multi-Mode LC Fiber Transmitter

**OG-FiDO-T** $559
openGear 1-Channel 3G-SDI to Single Mode LC Fiber Transmitter, with SDI Loop Out

**OG-FiDO-T-MM** $869
openGear 1-Channel 3G-SDI to Multi-Mode LC Fiber Transmitter, with SDI Loop Out

**OG-FiDO-R** $559
openGear 1-Channel Single Mode LC Fiber to 3G-SDI Receiver

**OG-FiDO-R-MM** $869
openGear 1-Channel Multi-Mode LC Fiber to 3G-SDI Receiver

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AJA Mini-Matrix: Converter Search Software
www.aja.com/software/mini-matrix
Five Year Warranty

AJA Video warrants that Converter products will be free from defects in materials and workmanship for a period of five years from the date of purchase.

About AJA Video Systems, Inc

Since 1993, AJA Video has been a leading manufacturer of video interface and conversion solutions, bringing high quality, cost effective digital video products to the professional, broadcast and postproduction markets. AJA products are designed and manufactured at our facilities in Grass Valley, California, and sold through an extensive sales channel of resellers and systems integrators around the world. For further information, please see our website at www.aja.com.