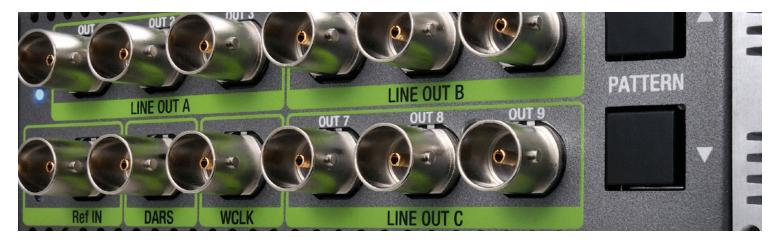


Datasheet

ADVC G-Series

Multipurpose Digital Video Converters





The ADVC G-Series of multipurpose digital video converters represent leading-edge technology as a part of Grass Valley's signal management solutions. Housed in a practical and compact 1/3 RU form factor, these four converters tackle a variety of different AV tasks and are particularly well suited to support events and staging, corporate AV centers and broadcast display applications.

ADVC G1: Any In to SDI (3G) with Frame Sync

ADVC G2: HDMI & SDI to Analog & SDI (3G) with Frame Sync

ADVC G3: 2 x SDI to HDMI with Multiplexing

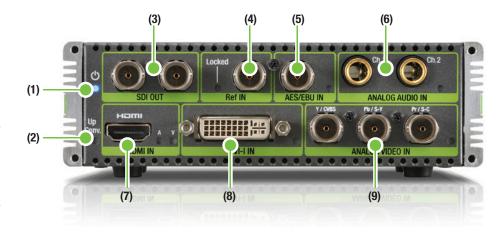
ADVC G4: Sync Generator with Reference In

Any In to SDI Multifunctional Converter/Upconverter with Frame Synchronizer



he ADVC G1 from Grass Valley, a Belden Brand, is a compact and competitively priced converter, designed to convert and/ or upconvert professional/broadcast signals to HD/SD-SDI supporting the latest 3G technology.

The ADVC G1 will convert and/or upconvert sources from HDMI, DVI, component, composite, S-Video, AES/EBU and analog audio to HD/SD-SDI (3G/1.5G support). The ADVC G1 can also be used as an audio embedder. It features a Reference In port which can serve as a frame synchronizer for analog inputs, eliminating the need to purchase separate expensive equipment.



- (1) Power LED Lights when the ADVC G1 is operating.
- (2) Up Conv. LED Lights in upconversion mode.
- (3) SDI OUT 3G/HD/SD-SDI output ports.
- (4) Ref IN Reference signal input port. The LED is lit when REF is selected for reference signal source, and if the reference signal input via Ref IN can be synchronized.
- (5) AES/EBU IN AES/EBU digital audio input port. The LED is lit when AES/EBU digital is selected for audio input.
- (6) ANALOG AUDIO IN (1/4" TRS 2ch) Balanced audio input ports. The LED is lit when balanced analog is selected for audio input.
- (7) HDMI IN HDMI input port. The LED marked with "V" blinks when HDMI is selected for video input, and the LED is lit when a stable signal input is detected. The LED marked with "A" is lit when HDMI embedded is selected for audio input.
- (8) DVI-I IN DVI-I input port. The LED blinks when DVI-D or DVI-A is selected for video input. The LED is lit when a stable signal input is detected.
- (9) ANALOG VIDEO IN Analog video input ports. The LED blinks when component, S-Video or composite is selected for video input. The LED is lit when a stable signal input is detected.

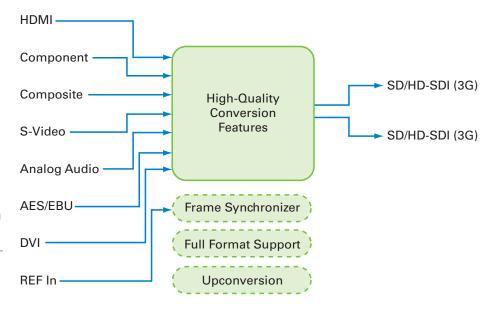
KEY FEATURES

- Any In to (3G) SDI:
 - Converts any type of connection to SDI
- Incorporates latest 3G technology
- Feature-rich at an affordable price:
 - Latest technology upconverter
 - Integrated frame synchronizer
- Multipurpose converter:
 - DVI input with PC resolution support
 - Audio inputs for audio embedding

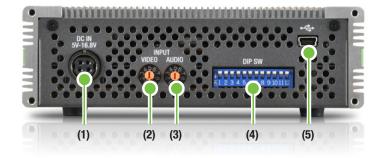
Applications

- Conversion from analog to SDI
- Conversion from DVI or HDMI to (3G) HD/ SD-SDI
- High-quality upconversion from analog SD to HD or 3G
- Frame synchronization (house sync) of analog signals

Please note that the ADVC G1 does not support framerate conversion.



- (1) Power connector Connects to the DC plug of the accompanying AC adapter.
- (2) VIDEO INPUT MODE switch Use the switch to choose the video input.
- (3) AUDIO INPUT MODE switch Use the switch to choose the audio input.
- (4) DIP switches Use the switches to choose input/output settings.
- (5) USB port Used for firmware update.



HDMI Input

Input connector: HDMI Input resolution:

1080i 60/59 94/50

1080p 60/59.94/50/30/29.97/25/24/23.98

720p 60/59.94/50 480i/p 60/59.94

576i/p 50

VGA (640x480), SVGA (800x600)

XGA (1024x768), SXGA (1280x1024)

FWXGA (1360x768) UXGA (1600x1200)

PC resolution framerate: 60 Hz

Input color format: YCbCr (4:2:2/4:4:4), RGB

(4:4:4)

Deep color support: not supported

Color format conversion: YCbCr 4:2:2 12 bits

DVI-D Input

Input connector: DVI-I (DVI-D)

Input resolution:

1080i 60/59.94/50

1080p 60/59.94/50/30/29.97/25/24/23.98

720p 60/59.94/50 480p 60/59.94

576p 50 VGA (640x480), SVGA (800x600)

XGA (1024x768), SXGA (1280x1024)

FWXGA (1360x768) UXGA (1600x1200)

PC resolution framerate: 60 Hz Input color format: RGB (4:4:4)

Color format conversion: YCbCr 4:2:2 12 bits

DVI-A Input

Input connector: DVI-I (DVI-A)

Input resolution:

VGA (640x480), SVGA (800x600) XGA (1024x768), SXGA (1280x1024)

FWXGA (1360x768) UXGA (1600x1200)

Framerate: 60 Hz Input color format: RGB

Color format conversion: YCbCr 4:2:2 12 bits

Input connector: YPbPr

Component Input

Input connectors: YPbPr

Input resolution:

1080i 60/59 94/50

1080p 30/29.97/25/24/23.98

1080PsF 24/23.98 720p 60/59.94/50 486i 59.94

483p 59.94 576i/p 50

Input color format: YPbPr

Color format conversion: YCbCr 4:2:2 10 bits

Component level: SMPTE/EBU N10, Betacam

SD pedestal: 0 IRE, 7.5 IRE

Composite Input

Input connector: CVBS (common with Compo-

nent-Y) Standard: NTSC, PAL

Input color format: YPbPr

Color format conversion: YCbCr 4:2:2 10 bits

SD pedestal: 0 IRE, 7.5 IRE 3DYC separation: not supported

S-Video Input

Input connectors: S-Y/S-C (common with

Component-Pb,Pr) Standard: NTSC PAI Input color format: YPbPr

Color format conversion: YCbCr 4:2:2 10 bits

SD pedestal: 0 IRE, 7.5 IRE

Audio Input

Input connectors:

Balanced analog (2ch) AES/EBU digital (2ch)

HDMI embedded (8ch)

(HDMI audio is not available when DVI is chosen

for video input.)

HDMI/AES sample rate: 32/44.1/48 kHz

Analog ADC sample rate: 48 kHz Sample size: 16/20/24 bits

Input level adjust: 0 dBu +4 dBu (available for

analog audio)

Reference Input Input connector: BNC

Sync signal: HD Tri-level/SD BB (auto-detect)

SDI Output

Output connectors: 3G/HD/SD-SDI (BNCx2)

(outputs the same signals)

Output resolution: 1080i 60/59 94/50

1080p 60/59.94/50/30/29.97/25/24/23.98

1080PsF 30/29.97/25/24/23.98

720p 60/59.94/50/30/29.97/25/24/23.98

487i 59.94 576i 50

Output color format: YCbCr 4:2:2 (ITU-R BT.709/601) 10 bits (ITU-R BT.601 is in SD

resolution)

3G-SDI mapping format:

Level A: direct image mapping Level B: 2x SMPTE292 HD mapping

Frame freeze function: supported (keeps displaying the final frame when there is no video

input signal)

Line 21 closed caption: not supported

Audio Output

Output connectors: SDI embedded (supports outputting with 8ch multiaudio in HDMI input mode. If AES/analog is selected, audio will be embedded to 1/2ch)

Sample rate: 48 kHz

Sample size: 24 bits (3G/HD), 20 bits (SD) Output level adjust: not supported

Video Resizina

Upconversion: supported

Upconversion mode: (switchable with DIP SW5,

Through 720n

1080i

1080p

Display mode:

Standard

Full screen Flex view

Framerate conversion: not supported Internal processing: YCbCr 4:2:2 12 bits Noise reduction:

3DNR

Stream Clean Processor (quality of the highly compressed video source will be enhanced) OFF/Low/High/Auto

Image enhance: Image Enhance Processor can be switched on or off. Detail will be enhanced.

Total delay time:

Interlace to interlace: 2.5 frame Interlace to progressive: 2.0 frame Progressive to interlace: 3.0 frame

Progressive to progressive: 2.0 frame

Video Output Synchronize

REF Sync Video output:

Reference signal (BB/HDSync)

(REF Sync can be enabled/disabled with DIP SW3. When disabled, or when there is no signal input, the ADVC G1 automatically turns into Internal Sync mode.)

Format: USB2.0 compliant

Connector: Mini B

Specifications

Voltage:

AC adapter:

- Input: 100V - 240V (50 Hz/60 Hz)

- Output: DC 12V 3A (max.)

ADVC G1 unit:

- Input: DC5 - 16.8V

Maximum power consumption: 11.4W

Dimensions: 142.5 (W) x 42.5 (H) x 98.5 (D) mm (5.61 (W) x 1.67 (H) x 3.88 (D) in.) (projecting parts not included)

Weight: 700g (approx.)

sation)

Environmental Characteristics:

Operating temperature: 0-40°C (32-104°F) Maximum humidity: 8%-80% (no conden-

HDMI & SDI to Analog & SDI Multifunctional Converter/Downconverter with Frame Synchronizer

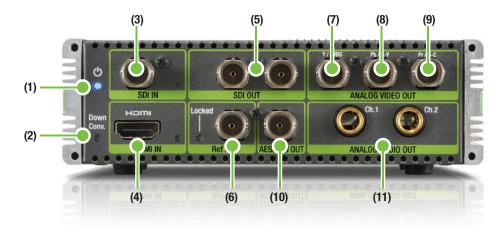


ike other members of the ADVC G-Series family, the ADVC G2 combines the latest conversion technologies in a compact 1/3 RU form factor.

Featuring HDMI and HD/SD-SDI (3G/1.5G support) inputs and HD/SD-SDI (3G/1.5G support), component, composite, S-Video, AES/EBU and analog audio outputs, the new ADVC G2 plays the role of many converters for the price of one. The ADVC G2 also features 3G support, down-converting and a frame synchronizer, which becomes very useful when, for example, connecting the SDI out to a switcher.

The ADVC G2 can be used as a monitoring device for HDMI and HD/SD-SDI sources, but it can also act as an HDMI to HD/SD-SDI (3G/1.5G support) converter.

The AES/EBU and analog audio outputs, used for audio de-embedding, are a welcome feature in most monitoring applications.



- (1) Power LED Lights when the ADVC G2 is operating.
- (2) Down Conv. LED Lights in Downscaling mode.
- (3) SDI IN 3G-SDI input port. The LED blinks when SDI IN is selected for the input video channel. The LED is lit when a stable signal input is detected.
- (4) HDMI IN HDMI input port. The LED blinks when HDMI IN is selected for the input video channel. The LED is lit when a stable signal input is detected.
- (5) SDI OUT 3G-SDI output ports.

- (6) Ref IN Reference signal input port. The LED is lit when REF is selected for reference signal, and if the REF signal input can be synchronized.
- (7) Y/CVBS Outputs composite (BNC) or component (Y) signal based on the setting.
- (8) Pb/S-Y- Outputs S-Video (Y) or component (Pb) signal based on the setting.
- (9) Pr/S-C Outputs S-Video (C) or component (Pr) signal based on the setting.
- (10) AES/EBU OUT Digital audio output port.
- (11) ANALOG AUDIO OUT (Ch.1/2) Balanced audio output ports. (1/4" TRS)

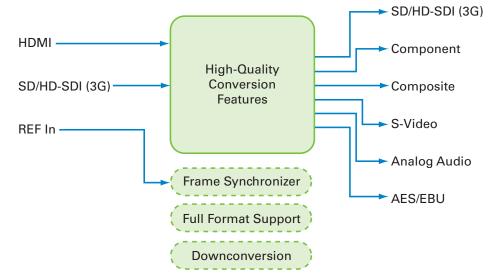
KEY FEATURES

- Latest technologies all in one box:
 - Full 3G support (up to 60p)
 - Integrated HDMI input
- Feature-rich at an affordable price:
 - Downconverter with manual on/off
 - Integrated frame synchronizer
- Multipurpose converter:
 - HDMI input for latest camcorder connections
 - Audio outputs for audio de-embedding

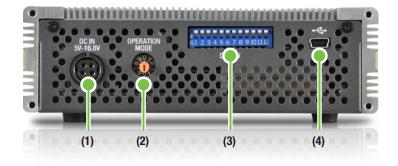
Applications

- Conversion from SDI to analog
- Conversion from HDMI to HD/SD-SDI or analog
- Downconversion from (3G) HD-SDI to SD-SDI or analog
- Downconversion from HDMI to analog or SD-SDI with audio
- Frame synchronization (house sync) for SDI signals

Please note that the ADVC G2 does not support framerate conversion



- (1) Power connector Connects to the DC plug of the accompanying AC adapter.
- (2) OPERATION MODE switch Use the switch to choose the operation mode.
- (3) DIP switches Use the switches to choose input/output settings.
- (4) USB port Used for firmware update.



SDI Input

Connector: SDI (SD/HD/3G) - BNC

Input rasters:

1920 x 1080 1920 x 1035

1280 x 720 720 x 486 720 x 576

Framerate: 60, 59.94, 50, 30, 29.97, 25, 24,

Color format: YCbCr Sampling structure: 4:2:2 Sampling depth: 10 bits Input frame buffer: None

Line 21 closed caption: supported only in SD

input (THROUGH)

3G-SDI mapping: both Level A and B supported

HDMI Input Connector: HDMI

Input rasters: 1920 x 1080 1280 x 720 720 x 480 720 x 576

640 x 480

Framerate: 60, 59.94, 50, 30, 29.97, 25, 24,

23.98 Hz

Color format: YCbCr/RGB Sampling structure: 4:2:2 / 4:4:4

Sampling depth: 8 bits (up to 10 bits is available for YCbCr 4:2:2)

RGB → YCbCr conversion: supported

Input frame buffer: none

Audio Input

Connectors: SDI embedded/HDMI embedded

Supports only LPCM

Ch3/4 is switched in HDMI (complies with DCI standard)

Sample rate:

48 kHz (SDI)

48/44.1/32 kHz (HDMI) (converted to 48 kHz before output)

Sampling depth: up to 20/24 bits (up to 20 bits

for SD-SDI)

Embedded audio: 8ch, 24 bits

Reference Input Input connector: BNC

Sync signal: HD Tri-level/SD BB (auto-detect)

Video Output

Available to output in the same resolution as the input signal. Note that 3G can not be output as an analog signal

Connectors:

3G-SDI - BNC x2

Component - BNC x3

Composite - BNC (common with component Y) S-Video - BNC x2 (common with component

Output rasters:

1920 x 1080 1920 x 1035 1280 x 720

720 x 486 720 x 576

Framerate: 60, 59.94, 50, 30, 29.97 25, 24,

23 98

Color format: YCbCr Sampling structure: 4:2:2 Sampling depth: 10 bits Frame buffer: 1 frame

SDI ANC data: not supported (outputs VITC

through in SDI input mode) 3G-SDI mapping format:

> Level A: direct image mapping Level B: 2x SMPTE292 HD mapping

Downconverter

Input rasters:

1920 x 1080

1280 x 720 (black bars will be added to 1920

x 1035 video when input)

Output format:

720 x 486i59.94 720 x 576i50

Color format: YCbCr

Sampling structure: 4:2:2

Sampling depth: 10 bits

Framerate conversion: not supported

Frame buffer: none

Audio Output

Audio output connectors:

Digital - AES/EBU - BNC

Analog - balanced - 1/4" TRS

SDI embedded

AES/EBU audio coding: LPCM

Analog audio level: 0/+4 dBu

Sample rate: 48 kHz (32, 44.1 kHz are not supported)

Sample size: 24 bits

Level adjust: not supported

Analog / AES/EBU channel select: can be

selected with DIP switches

Embedded audio: 8ch, 20/24 bits (20 bits for

USB

Format: USB2.0 compliant

Connector: Mini B

Specifications

Voltage:

AC adapter:

- Input: 100V - 240V (50 Hz/60 Hz)

- Output: DC 12V 3A (max.)

ADVC G2 unit:

- Input: DC5 - 16.8V

Maximum power consumption: 12.5W

Dimensions: 142.5 (W) x 42.5 (H) x 98.5 (D) mm (5.61 (W) x 1.67 (H) x 3.88 (D) in.) (projecting

parts not included) Weight: 700g (approx.)

Environmental characteristics:

Operating temperature: 0-40°C (32-104°F) Maximum humidity: 8%-80% (no conden-

2X SDI to HDMI Converter/Multiplexer with 3D Support

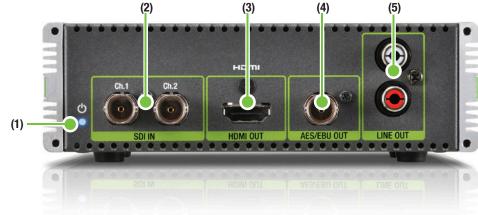


he ADVC G3 is a full-featured HD/SD-SDI to HDMI converter with 3G technology and the latest HDMI connection support, designed to fulfill the demands of 3D monitoring and multiplexing.

The ADVC G3 can be used as a standard HD/SD-SDI to HDMI converter, but also features a second SDI input which can be used for left-eye/right-eye inputs. The ADVC G3 will, in real time, multiplex the two left-eye/right-eye signals for a 3D output through HDMI.

The analog audio and AES/EBU outputs, used for audio de-embedding, are a welcome feature in monitoring situations, for both 2D and 3D content.

The ADVC G3 features 3D multiplexing technology supported by HDMI (Side-by-Side, Top-and-Bottom and Frame Packing — sequential), which can be turned on and off manually.



(1) Power LED – Lights when the ADVC G3 is operating. (2) SDI IN (Ch.1/2) – 3G-SDI input ports.

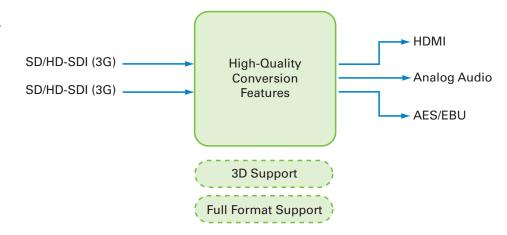
- (3) HDMI OUT HDMI output port.
- (4) AES/EBU OUT Digital audio output port.
- (5) LINE OUT Analog audio (L/R, 2ch) output ports.

KEY FEATURES

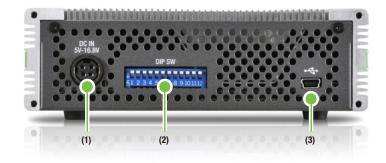
- The best tool for 3D!
 - Selectable muxing patterns: top-and-bottom, side-by-side, and frame-packing
- · Incorporates the latest technology:
 - Full 3G support (up to 60p)
 - HDMI support
- Multipurpose converter:
 - 3D multiplexer
 - (3G) SDI to HDMI converter

Applications

- Conversion from HD/SD-SDI (3G/1.5G support) to HDMI (with audio)
- Multiplexing right-eye/left-eye
- SDI signals to HDMI 3D
- De-embedding audio



- (1) Power connector Connects to the DC plug of the accompanying AC adapter.
- (2) DIP switches Use the switches to choose input/output settings.
- (3) USB port Used for firmware update.



Video Input

Input connectors: SDI (SD/HD/3G) - BNC x2 (supports both level A/B of 3G-SDI)

Input rasters:

Input video resizing: not supported Framerate: 60, 59.94, 50, 30, 29.97, 25, 24, 23.98 Hz

Color format: YCbCr Sampling structure: 4:2:2 Sampling depth: 10 bits Input frame buffer: none

Input video flywheel: not supported Line 21 closed caption: not supported

SDI VANC: not supported Widescreen: not supported 3G-SDI mapping format:

Level A: direct image mapping Level B: 2x SMPTE292 HD mapping

Audio Input

Input connectors: SDI embedded Sample rate: 48 kHz (32/44.1 kHz are not

supported)

Sample size: 20/24 bits (20 bits for SD-SDI) Embedded audio: 8ch. 24 bits

Video Output

Output connector: HDMI

Output rasters: resolution of the output signal is determined based on that of the input signal. 1920 x 1035, 1920 x 1080, 720 x 486, 720 x 480

Color format: YCbCr/RGB Sampling structure: 4:4:4 Sampling depth: 8 bits

3D structures:

Frame Packing (does not support

1080p60/59/50) Side-by-Side (half) Top-and-Bottom

I P conversion: supported (available only for SD) Widescreen display setting: supported (setting

can be configured with DIP switches)

Output frame buffer: none Output skew: 0-2 frame

Y Cb Cr RGB colorspace conversion: supported

Line 21 closed caption: not supported

Plug-and-play monitor with DVI: not supported

Audio Output

Output connectors:

Digital - AES/EBU Analog - RCA 2ch HDMI embedded

S/PDIF audio coding: LPCM Analog audio level: 2V RMS (+6 dBV)

Sample rate: 48 kHz (32/44.1 kHz are not

Sample size: 20/24 bits (20 bits for SD-SDI input signal)

Level adjust: not supported Embedded audio: 2/8ch 24 bits

Channel swap: swaps Ch.3 and Ch.4 when outputting with 8 channels

3D Composer

Input connectors: SD/HD/3G-SDI x2

Input rasters:

Output rasters: resolution of the output signal is determined based on that of the input signal. 1920 x 1035, 1920 x 1080, 720 x 486, 720 x 480

Color format: YCbCr Sampling structure: 4:2:2 Sampling depth: 10 bits

3D structures:

Frame Packing Side-by-Side (half) Top-and-Bottom Flywheel: not supported

Frame buffer: 1 frame

Output timing: uses recovered clock from the input channel

Redundant Input connectors: SD/HD/3G-SDI x2

Input rasters: resolution of the output signal is determined based on that of the input signal 1920 x 1035, 1920 x 1080, 720 x 486, 720 x 480

Output rasters: resolution of the output signal is determined based on that of the input signal

1280 x 720 720 x 480 720 x 576 Color format: YCbCr Sampling structure: 4:2:2 Sampling depth: 10 bits

1920 x 1080

Error checker: supported (detects errors when the format is converted even between the

available formats)

Selector: selects primary channel except error

Flywheel: supported (pauses at the last frame.

Audio is muted) Frame buffer: 0-2 frame

Output timing: uses recovered clock from the

input channel

USB

Format: USB2.0 compliant Connector: Mini B

Specifications

Voltage:

AC adapter:

- Input: 100V - 240V (50 Hz/60 Hz)

- Output: DC 12V 3A (max.)

ADVC G3 unit:

- Input: DC5 - 16.8V

Maximum power consumption: 6W

Dimensions: 142 5 (W) x 42 5 (H) x 98 5 (D) mm (5.61 (W) x 1.67 (H) x 3.88 (D) in.) (projecting parts not included)

Weight: 650g (approx.)

Environmental characteristics:

Operating temperature: 0-40°C (32-104°F) Maximum humidity: 8%-80% (no condensation)

Sync Generator with Reference In



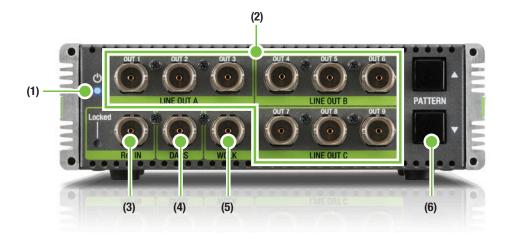
The ADVC G4 is more than just a compact and robust sync generator.

While most competitive products have only six outputs and restrictions on SD and HD signals, the ADVC G4 has nine outputs that can be individually controlled in groups of three.

For example, three outputs can be SD, the other six can be HD, or vice versa.

The ADVC G4 also includes a 48 kHz wordclock as well as a reference input, which allows it to be used as an extender when more than nine outputs are needed, or when an extension from the main system is necessary.

The ADVC G4 features the highest signal quality, best functionality, and the most comprehensive format support in the compact sync generator market.



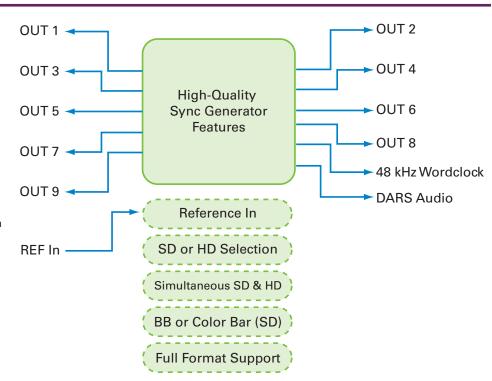
- (1) Power LED Lights when the ADVC G4 is operating.
- (2) OUT 1-9 SYNC output ports. SD/HD setting can be individually specified in three groups: LINE OUT A, LINE OUT B and LINE OUT C. (The setting can be configured with DIP SW6, SW7, SW8.)
- (3) Ref IN Reference signal input port. The LED is lit when REF is selected for reference signal, and if the REF signal input can be synchronized.
- (4) DARS DARS (Digital Audio Reference Signal) output port.
- (5) WCLK Wordclock output port.
- (6) PATTERN switches Selects test pattern.

KEY FEATURES

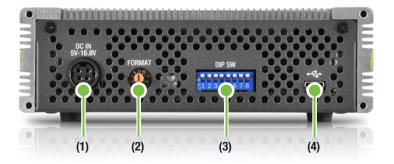
- Compact sync generator:
 - High-quality signals
- Full format support
- Customizable output:
 - Select SD or HD in groups of 3
 - Simultaneous SD and HD outputs
- Feature-rich at an affordable price:
 - Reference in for extension
 - 48 kHz wordclock, DARS audio

Applications

- Provide reference signal for fly-cases or control rooms
- Add reference signal when the current reference distribution does not have enough outputs
- Synchronize a secondary local technical room to a primary room, with advanced timing
- Generating SD and HD reference with different timings to mix in a switcher
- Generating reference signals for ADVC G1 and G2 models when used in frame synchronizer mode



- (1) Power connector Connects to the DC plug of the accompanying AC adapter.
- (2) Format switch Use the switch to choose the output format.
- (3) DIP switches Use the switches to choose input/output settings.
- (4) USB port Used for firmware update.



Video Reference Signal Output

Output connectors: BNC x 9 (SD/HD setting can be specified per LINE group)

OUT1-3 (LineA)

OUT4-6 (LineB)

OUT7-9 (LineC)

Format:

1920 x 1080 p/PsF 23.98/24/25/29.97/30

1920 x 1080 i 50/59.94/60

1280 x 720 p 23.98/24/25/29.97/30/50/

59.94/60

720 x 480 i 59.94

720 x 576 i 50

HD-Svnc: Tri-level SD-Sync: Black burst

Can be switched to test pattern

Compliant to SMPTE318M-B in NTSC format

Video/audio clock accuracy: +-4.0 ppm (for all

operation temperatures)

VSYNC output delay between HD and SD output: none (for both REF sync and internal sync)

Reference Input

Reference input connector: BNC x 1 (for both

VSYNC output delay from locked reference

input: none

Delay adjustment: not supported Burst clock lock: not supported SMPTE318M lock: not supported

Audio Reference Signal Output

Output connectors: BNC x 2

DARS

Wordclock

Sample rate: 48 kHz

DARS: AES-11, 48 kHz, grade-2 (can be switched

between silent and 1 kHz tone)

Wordclock: 75Ω , 5 Vp-p

NTSC:

75-75 full color-bar

100-75 full color-bar

100-100 full color-bar

EIA color-bar

ARIB color-bar

RFD field

BLUE field

GREEN field

100% white field

50% gray field

Multiburst

100% ramp

Staircase

Modulated ramp

Modulated staircase

Shallow ramp

NTC7

Composite Dot

Crosshatch Window

PAL:

75-75 full color-bar

RFD field

BLUE field

GREEN field

100% white field

50% gray field

Multiburst (line 18)

100% ramp

Staircase

Modulated ramp

Modulated staircase

Shallow ramp

Line 17

Dot

Crosshatch

Window

USB

Format: USB2.0 compliant

Connector: Mini B

Specifications

Voltage:

AC adapter

- Input: 100V - 240V (50 Hz/60 Hz)

- Output: DC 12V 3A (max.)

ADVC G4 unit:

- Input: DC5 - 16.8V

Maximum power consumption: 4.9W

Dimensions: 142.5 (W) x 42.5 (H) x 98.5 (D) mm (5.61 (W) x 1.67 (H) x 3.88 (D) in.) (projecting

parts not included)

sation)

Weight: 650g (approx.) **Environmental characteristics:**

Operating temperature: 0-40°C (32-104°F) Maximum humidity: 8%-80% (no conden-





GVB-1-0171A-EN-DS