

# DV-319 & DV-321 HD/SD SYNC GENERATOR & GENLOCKABLE HD/SD SYNC GENERATOR

The **DV-319** and **DV-321** are HD/SD Sync Generators. Two SD sync outputs, four HD sync outputs, an AES11 output and a Word Clock output are provided. The four HD tri-level sync outputs may be set to one of eighteen different formats. The AES-11 output may be switched between silent and tone modes. All outputs are in sync and accessible on rear panel BNC connectors. Front panel dip switches allow the user to configure the various outputs. Additionally, the **DV-321** provides a genlock input that accepts tri-level or bi-level signals.

Each unit is housed in a black-anodized desk-top enclosure, optional single and dual 19" rack mount are available.

## Features:

- 4 HD Sync Outputs
- 2 SD Color Black/Color Bar Outputs
- 18 HD Formats
- AES-11 Output
- Wordclock Output (48KHz)
- SD/HD Genlock Input (DV-321)



DV-321 Rear

## Specifications

- POWER:** 110 – 120 VAC, 50 – 60 Hz, 5 Watts maximum
- MECHANICAL:** Desktop Enclosure 1.6" H x 7" W x 5" D
- SD SYNC OUTPUTS:** Color black or color bars; 2 BNCs
- HD SYNC OUTPUTS:** Tri-level; 4 BNCs
- AES11 OUTPUT:** Silence or tone (1kHz)  
Impedance: 75Ω  
Single ended, 1 Vpp into 75Ω, 1 BNC
- WORD CLOCK OUTPUT:** 48 kHz, 0 – 5 V, 1 BNC
- DV-319 FORMATS:** 525i60, 625i50, 720p23.98, 720p24, 720p25, 720p29.97, 720p30, 720p50, 720p59.94, 720p60, 1080i50, 1080i59.94, 1080i60, 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080psf23.98, 1080psf24
- DV-321 GENLOCK INPUT:** Autodetects 15 different reference input signals, see Formats, 1 BNC
- DV-321 FORMATS:** 525i60, 625i50, 720p23.98\*, 720p24\*, 720p25\*, 720p29.97\*, 720p30\*, 720p50, 720p59.94, 720p60, 1080i50, 1080i59.94, 1080i60, 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080psf23.98, 1080psf24  
\* indicates unsupported input genlock reference format

**OPTIONS:** DC, J, P, P2, UL, XLR

