

MediaConverter™

DV/SDI/Analog Converter



bidirectional

SDI

MediaConverter™
MODEL MC-1



MEDIA CONVERTER™ FROM FOCUS ENHANCEMENTS IS ONE OF THE MOST AFFORDABLE BI-DIRECTIONAL CONVERTERS ON THE MARKET TODAY BRINGING HIGH QUALITY DIGITAL VIDEO TO THE STUDIO & BROADCAST INDUSTRY

Introducing the ultimate solution for the Broadcast and Studio Environments— FOCUS Enhancements' MediaConverter™ DV/SDI/Analog Converter.

Continuing the tradition of industry leading video converters, MediaConverter provides professional, high-quality bi-directional DV/SDI to analog video conversion for flexible integration with your existing sources and processing equipment.

When you compare features, performance, and price, there is no doubt that MediaConverter is the best value on the market today!

PROVEN BI-DIRECTIONAL CONVERSION TECHNOLOGY

The DV/SDI/Analog MediaConverter represents the third generation of DV to Analog Video Converters from FOCUS Enhancements. MediaConverter is the most advanced bi-directional converter available to fulfill the needs of professional and industrial users.

VARIETY OF INPUT/OUTPUT OPTIONS

In addition to DV to Analog Video Conversion, MediaConverter comes also with SDI and AES/EBU Input and Outputs, so you can convert Analog Video and DV to SDI and vice versa. All outputs work parallel so you can connect a Betacam tape machine, a DV VTR and one video control monitor directly to your DV camcorder or player. With MediaConverter, take advantage of the two FireWire connections strategically positioned on the front and the rear panels for easy access.

INDUSTRY STANDARD CONTROL OPTIONS

Take advantage of the wide variety of industry standard protocols MediaConverter has to offer including bidirectional VTR control via RS-422 and RS-232 9-pin Interface for firmware updates and system settings.

PERFECT SIGNAL SYNCHRONIZATION

For Broadcast and Studio Environments, we have also integrated a Genlock Interface to provide synchronization from MediaConverter to a Studio Reference Signal. For easy integration in the Studio Environment, MediaConverter comes in a 1U 19" rackmountable case.

FLEXIBLE CONTROL

MediaConverter provides easy access to front panel controls, which include menu selection buttons with a backlit LCD display for conversion settings.

SPECIALIZED FOR POPULAR DV NLE SYSTEMS

MediaConverter is the ideal add-on for systems like AVID Xpress DV, Pinnacle Liquid, Apple Final Cut or Adobe Premiere. Look to MediaConverter to copy your footage from any source to your Firewire laptop for editing. When completed you can copy the final edited video back to the tape format of your choice. Let MediaConverter convert your old footage from your Betacam stock to a new digital format like DV CAM and SDI. It is that simple!

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FOCUS
enhancements

PRODUCT DESCRIPTION

FOCUS Enhancements MediaConverter is a professional bi-directional DV-to-Analog video converter designed for the Studio and Broadcast Environment. In addition to DV Conversion, the MediaConverter also converts YUV component video signals to SDI.

APPLICATIONS

- ▼ NLE Editing Source
- ▼ Business and Classroom Video Productions
- ▼ Film to Tape Transfer
- ▼ Live Productions
- ▼ Broadcast and Studio Environment

FEATURES

- ▼ Every Input to every Output (DV/CV/YC/YUV/SDI)
- ▼ Supports bi-directional VTR control via RS-422
- ▼ Solid 19" 1 U Rackmount case
- ▼ Genlock (Adjustable)
- ▼ RS-232 Control SW available and Firmware Updates via RS-232
- ▼ Audio Inputs available independent from Video Inputs
- ▼ Unbalanced/Balanced Stereo Audio plus AES/EBU and embedded Audio in DV
- ▼ Front Side controls & Backlit LCD Display
- ▼ NTSC or PAL Compatible
- ▼ Two year warranty

SPECIFICATIONS**Video Input/Output Formats:**

- DV/DV CAM/DVC PRO 25 on IEEE-1394 6-Pin Interface
- SDI (270 Mbit/s) SMPTE 259M/CCIR656-III, BNC
- Analog Component Signal: Y 1,0 Vpp, B-Y/ R-Y 0,7 Vpp, 75 Ohm, SMPTE/EBU, BNC
- S-Video Signal: Y 1,0 Vpp, C 0,43 Vpp, 75 Ohm, 4 Pin Mini-DIN
- CVBS Signal: 1,0 Vpp, 75 Ohm, BNC
- Ref. Videosignal: Blackburst 0,3 Vpp, 75 Ohm, BNC

Audio Input/Output Formats:

- Analog unbalanced Stereo Audio Signal: Line Level -10 dBV, 47KOhm, RCA
- Analog balanced Stereo Audio Signal: +4dbm, low impedance, XLR
- Digital Stereo Audio Signal (AES/EBU), balanced, XLR

Dimensions & Weight:

- Metal Housing
- 19" Rackmount Version
- 17 5/16 x 1 3/4 x 1 9/16 (440mm x 44mm x 40mm)
- 4.5 lbs. (2.05 kg)

Power Supply

- External 12VDC 1000mA Wallmount Power Supply Country Appropriate

Control Interface:

- RS-232 9-Pin Interface for Firmware Updates and System settings
- Supports bi-directional VTR control via RS-422

Front & Rear View:

Menu LCD & Push Buttons for selecting the I/O parameter

Front I/O connectors for Composite (BNC) and S-Video (Mini DIN) and unbalanced Audio (RCA)

Front FireWire I/O connector (6 Pin)



Rear FireWire I/O parameter

SDI, Analog Component (YUV) and Genlock I/O Connectors (BNC)

Balanced Audio and AES/EBU Audio I/O Connectors (XLR)

RS 232 / RS 422 Interface

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