



MediaConverter MC-2E

Applications

Broadcasting
Corporate and Industrial Production
Education and Training
Events and Entertainment
Government
Healthcare
Independent Film
Postproduction
Video Production

With the MediaConverter MC-2E DV/SDI/Analog Converter—the most advanced video and audio signal transcoder that Focus Enhancements has ever developed—you can achieve professional, high-quality bidirectional DV/SDI-to-analog video conversion. Rackmount ready, the MediaConverter MC-2E can be easily added to your existing AV rack.

MediaConverter MC-2E DV/SDI/Analog Converter

Designed for broadcast and professional postproduction, the MediaConverter MC-2E makes advanced, bidirectional video conversion affordable, reliable, and easy. With a variety of inputs and outputs, the MediaConverter MC-2E enables you to convert DV to analog video, analog video to DV, and analog or DV to SDI. No matter what your conversion needs are—DV, CV, Y/C, YUV, or SDI—the MediaConverter has you covered.

NLE System Compatibility

The perfect complement to popular editing systems such as Avid Xpress DV, Pinnacle Liquid, Apple Final Cut Pro, and Adobe Premiere, the MediaConverter MC-2E enables you to work with footage from any source—including video recorded on older tape formats—by converting it to digital video for nonlinear editing. Once your program is edited, you can transfer it to tape for archiving.

Audio Conversion

The MediaConverter MC-2E also includes a full-featured audio signal converter with connections for unbalanced stereo, balanced stereo, AES/EBU, and DV/SDI embedded audio. The audio input can be selected independently from the video signal and all audio outputs are available simultaneously, enabling the MediaConverter MC-2E to embed or de-embed audio.

TBC and Genlock

The Focus MediaConverter MC-2E includes full-frame time base correction and Genlock, making it perfect for broadcast applications.

Timecode Conversion and Control

Featuring bidirectional D-VITC to DV TC conversion, the MediaConverter MC-2E ensures that users of nonlinear editing systems can easily maintain the same timecode values as tape. The MediaConverter MC-2E includes an RS-422 interface that enables smooth conversion of RS-422 LTC to DV TC and an RS-232 interface for firmware updates and system settings. Video levels, audio levels, and color phase (HUE) can be adjusted by the user for maximum control over picture and sound.

Support

When you purchase video production solutions from Focus Enhancements, you not only receive reliable products that deliver superior performance every day, you also receive unconditional service and support from a team of seasoned video professionals. All products are backed by comprehensive warranties and optional support contracts that cover installation, training, 24/7 phone support, and priority parts replacement.

Consultation

With extensive experience in designing, configuring, and integrating video production solutions for leading companies around the world, the Focus team can help you select the right products for your business. If you have special requirements, solution consultation and custom configuration services are available.

Technical Specifications

MODEL	MediaConverter MC-2E
Audio Input/Output	Analog unbalanced stereo audio signal: line level -10 dBV, 47 kilo-ohms, RCA Analog balanced stereo audio signal: +4 dbm, low impedance, XLR Digital stereo audio signal (AES/EBU): balanced, XLR
Video Input/Output	DV/DV CAM on IEEE-1394 6-pin interface SDI (with embedded audio) (270 Mb/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 Reference video signal: blackburst 0.3 Vpp, 75-ohm, BNC
Broadcast Standard	NTSC or PAL
Control	RS-232 9-pin interface for firmware updates and system settings RS-422 for bidirectional VTR control
Timecode	DV embedded, D-VITC or LTC
Power Source	External 12V DC 1000mA wallmount (country appropriate)
Dimensions	17.3125" x 1.75" x 1.5625" (440mm x 44mm x 40mm)
Form Factor	19" 1U rackmount metal case
Weight	4.5 lbs. (2.05 kg)
Compliance	CE, C-Tick, and FCC
Warranty	2 years

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