



MX-4 Digital Video Mixer

Applications

Business and Classroom Presentations
General Video Switching
House of Worship
Internet Productions
Linear Editing
Live Productions
Sporting Events
Weather Chroma Key

Whether you're editing a program or conducting a live broadcast, the MX-4 family of digital video mixers from Focus Enhancements makes it easy to get your production on screen. Switch seamlessly between video sources and blend digital and analog content with graphics—on the fly.

MX-4 Digital Video Mixers

With real-time 10-bit (4:2:2) video processing and high-quality input comb-filter circuitry, MX-4 mixers yield superior digital and analog images without any degradation in quality. Enhanced synchronized audio mixing capabilities include onscreen slider controls that make it easy to adjust volume and level meters. Complete with dual field time base correction, MX-4 digital video mixers raise audio and video quality to a whole new level.

Models

MX-4 Digital Video Mixer

The MX-4 Digital Video Mixer is an eight-input (four composite and four S-video), four-channel mixer that provides seamless video switching, enhanced synchronized audio mixing, internal graphics storage, and Ethernet-based connectivity. With more than 700 transitions—and the ability to import 50 background and foreground graphics to create beautiful four-layer effects—the MX-4 unleashes your creativity. In addition to a switcher, the MX-4 includes a frame synchronizer, TBC, and manual video adjustments.

- 10-bit 4:2:2 video processing with superior input comb-filter circuitry
- Single and multiple picture-in-picture and movable mosaic mask
- Four-source preview
- Input effects, including chroma key, picture flip, strobe, mosaic, and more
- Dual-monitor mode (allows the preview screen to stay constant)
- User-defined menu for storing 30 of your favorite transitions
- Macro key storage with multiple configurations
- Eight gradients
- Color bar generator

MX-4 DV Digital Video Mixer

A comprehensive production tool with unprecedented benefits, the MX-4 DV Digital Video Mixer incorporates all the functionality found in the MX-4, and it also enables you to switch between 12 video sources (four S-video, four composite, and four DV) and includes four digital inputs and one digital output.

- Complete MX-4 functionality
- Four DV inputs, one DV output
- Embedded DV audio support

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	MX-4	MX-4 DV
	Digital Video Mixer	Digital Video Mixer
Video Inputs	4 x S-video (4-pin DIN) 4 x composite (RCA)	4 x S-video (4-pin DIN) 4 x composite (RCA) 4 x IEEE-1394 (6-pin*)
Video Main Outputs	2 x S-video (4-pin DIN) 2 x composite (RCA)	2 x S-video (4-pin DIN) 2 x composite (RCA) 1 x IEEE-1394 (6-pin*)
Video Preview Outputs	1 x composite (RCA)	1 x composite (RCA)
Broadcast Standards	NTSC (PAL version available)	NTSC (PAL version available)
Audio Inputs	4 x 2 (left and right) (RCA)	4 x 2 (left and right) (RCA) 4 x IEEE-1394 (6-pin*); embedded DV audio
Audio Outputs	2 x 2 (left and right) (RCA)	2 x 2 (left and right) (RCA) 1 x IEEE-1394 (6-pin*); embedded DV audio
Headphone	1 x stereo minijack	1 x stereo minijack
GPI	Minijack	Minijack
Network Interface	10/100BASE-T	10/100BASE-T
Digital Conversion	13.5 MHz, 4:2:2, 10-bit	13.5 MHz, 4:2:2, 10-bit
Digital 2-Channel Audio	—	16-bit, 48 kHz
Digital 4-Channel Audio	—	12-bit, 32 kHz

* Power is not passed via the MX-4 DV IEEE-1394 connectors.

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