Encore Presentation Switcher

Modular, scalable presentation switcher

The Encore Presentation Switcher is the most advanced video processing and presentation control system on the market today. The system provides source selection, automatic source acquisition and confi guration, advanced windowing features, seamless switching, video effects and integrated control for professional video presentations. Encore's modular, scalable architecture allows the system to support a wide variety of show confi gurations. The system can efficiently support from 1-32 screens with any combination of independent display or seamless wide-screen display elements.

Full flexibility

The basic Encore configuration supports six independent picture-in-picture (PiP) or key layers, or three transitioning PiP images. It fully supports seamless transition effects, Z-order control, window borders, drop shadows and a variety of keying effects. Each input board on the Encore provides two independent scaler channels with universal inputs that handle both analog and digital video sources.

Ideally suited for large blended widescreen applications

The unit features 1:1 pixel sampling, motion adaptive de-interlacing for both standard and high definition sources, 3:2 and 2:2 pull down detection, low video delay, aspect ratio correction, real-time window manipulation. The Encore is an excellent solution for large blended widescreen applications.

Total event control

Each Encore system consists of a Controller and one or more Video Processors, and each system is designed to grow in tandem with your creative requirements. With a full array of unsurpassed features, dynamic input flexibility and the superb quality of Barco's scaling technology, Encore is the premiere choice for professional video presentations.

BARCO

Visibly yours

Product specifications — Encore Presentation Switcher

Product specifications	Encore Presentation Switcher
Mixer/Effects: Analog inputs	RGBHV/RGBS/RGsB computer video, YPbPr video (SD or HD), S-video, or Composite video on 15-pin HD connector
Mixer/Effects: SD/HDSDI inputs	per SMPTE 259M-C (NTSC/PAL resolution) SMPTE 292M (HDTV) on BNC connector
Mixer/Effects: DVI input	per DDWG 1.0 on DVI-I connector
Mixer/Effects: Input Resolutions	· NTSC/PAL· Computer Resolutions VGA (640 x 480) through UXGA (1600 x 1200)· HDTV Resolutions up to 1920 x 1080 (720p, 1080i, 1080p)· 2048 x 1080p (Digital Cinema format)· Plasma Display Resolutions
Native Resolution Background: Analog inputs	RGBHV computer video on DVI-I connector
Native Resolution Background: DVI input	per DDWG 1.0 on DVI-I connector
Native Resolution Background: Input Resolutions	· Computer Resolutions: SVGA (800 x 600) through UXGA (1600 x 1200)· HDTV Resolutions (720p, 1080p)· 2048 x 1080p (Digital Cinema format)· Plasma Display Resolutions
Downstream Key Input: Analog	RGBHV computer video on DVI-I connector
Downstream Key Input: DVI	per DDWG 1.0 on DVI-I connector
Downstream Key Input: Resolutions	· Computer Resolutions: SVGA (800 x 600) through UXGA (1600 x 1200)· HDTV Resolutions (720p, 1080p)· 2048 x 1080p (Digital Cinema format)· Plasma Display Resolutions
Frame Lock Input	NTSC/PAL black burst reference on BNC Connector
Preview analog outputs	RGBHV/RGBS/RGsB, YPbPr video (SD or HD), on 15-pin HD connectors
Preview DVI output	per DDWG 1.0 on DVI-I connector
Program Output 1: Analog	RGBHV/RGBS/RGsB, YPbPr video (SD or HD), on 15-pin HD connectors
Program Output 1: DVI	per DDWG 1.0 on DVI-I connector
Program Output 1: 3G/HD/SD SDI	3G/HD/SD SDI on a BCN connector, supports SMPTE 259 M-C, 292M and 424M standards
Program Output 2: Function	This output can be programmed to serve as a second buffered program output or a monitoring program output
Program Output 2: Analog	RGBHV/RGBS/RGsB, YPbPr video (SD or HD), on 15-pin HD connectors
Program Output 2: DVI	per DDWG 1.0 on DVI-I connector
Output Resolutions	· Computer Resolutions VGA (640 x 480) through UXGA (1600 x 1200)· HDTV Resolutions up to 1920 x 1080 (720p,1080I, 1080p)· 2048 x 1080 (Digital Cinema format)· Plasma Display Resolutions
Mechanical	3 RU Rackmount Chassis
Power	120-240 VAC - 50/60 Hz., Autoselecting 1.0A maximum