LED-PRO™

User-friendly solution to drive Barco LED walls

Powerful performance

- Utilizes Athena scaler, proprietary high performance image processing technology
- Low Video Delay (3 input fields max)
- 10-bit processing
- Motion Adaptive de-interlacing (SD&HD)
- Decodes NTSC, PAL
- Ethernet for real-time control
- Contrast and Gamma Adjustments

Professional effects

- Pan and zoom
- Freeze
- Logo Store
- Transition to/from Stored Logo

Extreme versatility

- 64 independent memory presets
- Scaler Sharpness Control
- User-defined aspect ratio conversion and adjustments
- Video Decoder Adjustments (NTSC, PAL) Brightness, Contrast, Hue, Saturation

User Control

- 1 of 4 input sources or internal logo image may be selected

Folsom

BARCO

Visibly yours

LED-PRO Specifications

VIDEO INPUT (All with buffered loop through)	
Universal A/V Inputs	Three universal inputs support RGBHV/RGBS/RGsB computer video, Component video (std or HDTV), S-video, or Composite video Input 1 DVI-I connectors support both universal Analog and DVI input with loop-through. Input 2 on 15-pin HD connectors with buffered loop-through. Input 3 on five BNC connectors with buffered loop-through.
Horizontal Frequency	15 kHz to 120 kHz
Vertical Frequency	23.98 Hz to 120 Hz
Standard Resolution Video Input	NTSC, PAL
Input Resolution Range	VGA (640x480), SVGA(800x600), XGA(1024x768), SXGA(1280x1204), UXGA(1600x1200),1080i,1080p
Input Termination	75 Ohm
Digital Video	SDI, HDSDI, DVI
Input Sync	Sync-on-Video
OUTPUT	
Output	Proprietary Barco LED Wall interface via DVI-I connector
Input Loop	Buffered, 75 Ohm output impedence
Resolution	800 x 600 timing format (480,000 total pixels)
Digital Video	Proprietary Barco LED Wall interface via DVI-I connector
USER CONTROL	
Intial Calibration and Setup	Director Toolset provides integrated control for initial calibration of tiles and setup of LED-PRO parameters.
Operation	Once calibration is complete, the operator can easily select from 4 different video sources via the LED-PRO front panel controls. See Interface Description Document for more details
Computer or Third Party Control System	RS-232 port (DB-9) or Ethernet (RJ-45)

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