

LED-PRO

Cost-effective image processing unit for LED displays



With the LED-PRO, Barco offers high-performance scaling technology to drive LED display walls. The LED-PRO accepts analog as well as digital video input signals, and incorporates easy-to-use front panel controls. It offers low video delay, show effects and sufficient memory presets to start a show with the touch of a button.

BARCO

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Technical specifications

Video Input	
Universal A/V Inputs	<ul style="list-style-type: none"> 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	25 Hz to 120 Hz
Standard resolution video input	NTSC, PAL
Input resolution range	VGA (640x480), SVGA(800x600), XGA(1024x768), SXGA(1280x1204), UXGA(1600x1200). HDTV 480p, 720p, 1080p, 1080i
Input termination	75 Ohm
Digital video	SDI, HDSDI, DVI
Input sync	Sync-on-Video, Separate C or H/V
Genlock Input	V lock / HV lock
Video Output	
Output	Proprietary Barco LED interface DVI-I connector.
Input loop	Buffered, 75 Ohm output impedance
Output resolution	800x600 Timing Format
Digital Video	Proprietary Barco LED interface DVI-I connector
User Control	
Initial calibration and setup	Xlite 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)