ScreenPRO

ScreenPro™ is ideal for use whenever multiple video sources must be seamlessly switched to provide a professional quality presentation; staging events, auditoriums, multimedia presentations, educational and training

Product specifications	SCREENPRO
General specifications	
Video Input	Universal A/V Inputs: (8) high bandwidth video channels High-Resolution Video: Supports conversion of RGB videos with horizontal scan rates up to 100 KHz and resolutions up to 1600x1200. HDTV 480p, 720p, and 1080i formats are supported in RGB colorspace. Input levels are independently programmable. Standard Video: Accepts RGB, Y Pb Pr, S-Video (Y/C), or NTSC/PAL video formats. Input levels are independently programmable for RGB and Y Pb Pr sources. Programmable luminance and chrominance levels are provided for S Video, and Hue and Saturation controls are provided for NTSC/PAL inputs. Synchronization: The unit automatically locks to the incoming video source. Input Sync Signals: Sync-on-Video; Separate C or H/V Connectors: BNC
Video Output	High-Resolution RGB Video: User programmable output formats; VGA (640x480), SVGA (800x600), XGA(1024x768), SXGA (1280x1024), For plasma displays, 832x624, 848x480, 852x480, 1280x768, 1365x768, 1365x1024. Also provides HDTV 480p and 720p output rates. Main Outputs: Two independently buffered channels: (1) RGBHV with five BNC connectors; (1) RGBHV with HD-15 connector. Preview Output: (1) RGBHV with HD-15 connector Output Sync Type: Separate C or H/V
Mixing and Transition Effects	The unit supports seamless switching between sources, including the following transition effects: cut, dissolve, wipe. Transition times and wipe direction are fully programmable. Picture-in-Picture: Supports display of two independently scaled windows. Luminance Keying: Supports image overlay features with useradjustable luminance key levels
User Controls	Source Selection: (9) illuminated keys support selection of 8 video inputs or black screen Transition Effects: (3) illuminated keys: wipe, dissolve, and cut Program Keys: (5) illuminated keys support generation, storage, recall, and editing of preprogrammed control sequences. Freeze Key: A single illuminated key used to freeze the image on the main output. Set-up Controls: Electro-luminescent display, control knob, and 8 keys provide a menu-based front panel interface to simplify set-up.
Remote control	Reconfigurable RS-232/485 port for real-time control; Optional external Ethernet (with TCP/IP and FTP) supports advanced real-time control.
Physical	Height: 5.25" (13.3 cm) Width: 17" (43.2 cm) or 19" (48.3 cm) with rear rack-mount option Depth: 13" (33 cm); Weight: 22 lbs (10 kg) Shipping Weight: 30 lbs (13.6 kg).
Input power	47-250 VAC, 50-60 Hz, 175 W max
Environmental	Temperature: 0-40 degrees C; Humidity: 0-95% noncondensing.
Warranty	All video products are designed and tested to the highest quality standards and are backed by a full three-year parts and labor warranty.

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