PresentationPRO
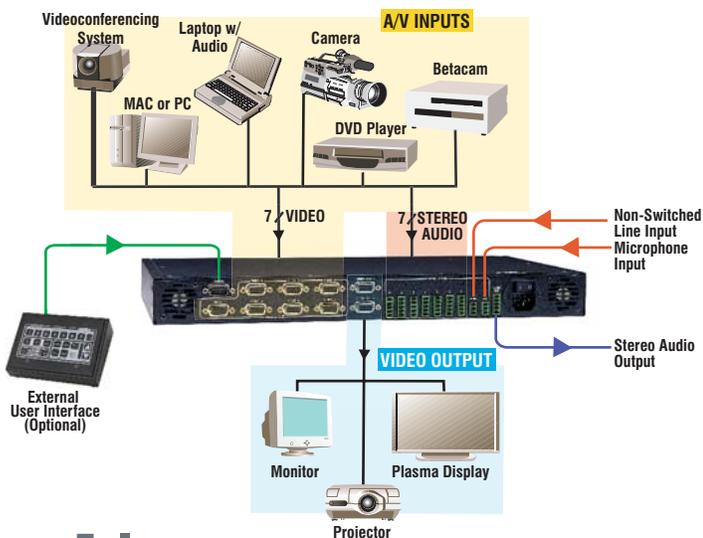## Audio and Video Seamless Switcher

System Description

PresentationPRO is a compact, reliable system that simplifies the task of supporting professional quality audiovisual presentations. The unit combines a seven input A/V router, a high performance video scaler, an audio processor, and a full-featured control panel in a single integrated package. Seven universal A/V inputs accept composite video, s-video, component, computer, HDTV formats, as well as associated stereo audio signals. The unit also accepts two non-switched audio sources (LINE and MIC) that can be mixed with the audio from the selected input channel. The input video is converted directly to the native resolution or "sweet spot" of the projection device to optimize image quality. PresentationPRO supports seamless transitions including cut, fade, dissolve, and wipe effects when sources are switched. The operator can also store a high-resolution image (typically a LOGO) for quick recall.

The PresentationPRO user interface simplifies system set-up and adjustment. An RS-232 serial interface is provided to support remote control operation.

Applications

PresentationPRO is ideal for use whenever multiple A/V sources must be switched to provide a professional quality presentation. Typical applications include live events, corporate boardroom presentations, church services, education and training courses.

PresentationPRO Connectivity Diagram

System Features:

- Seven universal input channels accept composite (NTSC/PAL), s-video, component, and computer video sources (640x480 VGA to 1600x1200 UXGA). Videos with progressive 480p and 720p HDTV timing are supported

- True autosync operation; the unit automatically locks to the selected source

- Seven stereo audio inputs (one for each input channel) accept Consumer or Professional audio levels

- High performance A/V router and Scaler provide superior image quality

- Input video is scaled to match the native resolution or "sweet spot" of the projector

- User-programmable output formats: VGA (640x480), SVGA (800x600), XGA (1024x768), SXGA (1280x1024)

- Seamless transitions; cut, fade, dissolve, and wipe effects with programmable duration

- Two non-switched audio inputs (MIC and LINE) can be mixed with the audio from the selected input channel

- Intuitive user interface simplifies set-up

- RS-232 serial port supports remote control operation

- Motion adaptive de-interlacing

- Logo image capture and recall feature

- Pre-programmed test patterns for projector calibration

- Two independently buffered video outputs

- One professional quality stereo audio output

- Optional Presentation Controller PP-0701, please call for details

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Video Input

Universal A/V Inputs: (7) 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. Videos with progressive 480p and 720p HDTV timing are supported. RGB input levels are independently programmable.

Standard Video: Accepts RGB, YUV, S-Video (Y/C), or NTSC/PAL video formats. Input levels are independently programmable for RGB and YUV 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: HD-15

Video Output

High-Resolution Video: User programmable output formats; VGA (640x480), SVGA (800x600), XGA (1024x768), SXGA (1280x1024), HDTV 480p, 720p.

Main Outputs: Two independently buffered channels provide RGBHV signals on HD-15 connectors.

Output Sync Type: Separate C or H/V

Audio Inputs

Universal A/V Inputs: (7) stereo audio channels, 5-pin MCO Male connector

Microphone Jack: One non-switched MIC input, 3-pin MCO Male connector

Line Input: One non-switched LINE input, 3-pin MCO Male connector

Audio Levels: Accepts Consumer or Professional signal levels

Audio Mixing: MIC and LINE audio are mixed with audio from the selected A/V input

Audio Output

Output: (1) stereo audio channel, 5-pin MCO Male connectors

Audio Levels: Outputs Consumer or Professional signal levels

User Controls

A/V Source Selection: Illuminated keys support selection of 7 A/V inputs or a stored LOGO image

Audio Volume/Muting Control: Independent control for Master Volume, LINE Volume, MIC Volume and each of the seven A/V inputs

Video Transition Effects: cut, fade, dissolve, and wipe effects with programmable duration

Set-up Controls: Electro-luminescent display, control knob, and 6 keys provide a menu-based front panel interface to simplify set-up.

Remote Control

RS-232 serial port for real-time control, optional Presentation Controller PP-0701

Physical

Height: 1.5"; *Width:* 17" (43.2 cm) or 19" (48.3 cm) with rack-mount option; *Depth:* 13"; *Weight:* 9lbs. ; *Shipping Weight:* 13 lbs.

Input Power

115/130 VAC, 47-63 Hz, 1.0 - 0.5 A

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.

More Information

Telephone (916) 859-2505 or toll-free (888) 414-7226; fax (916) 859-2515; e-mail to *sales@folsom.com*; or visit our web site at *www.folsom.com*

PresentationPRO Real Panel

PP-0701 Presentation Controler (optional)

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