

PresentationPRO-II™



High Performance Switcher

Features

- Barco Proprietary Processing
 - 10-bit Processing
 - 1:1 Pixel Sampling
 - Motion Adaptive De-interlacing (SD-SDI, Analog YUV and HD-SDI)
 - 3:2 and 2:2 Pull Down Detect (SD)
 - Image Cropping
 - Aspect Ratio Correction
- Video Delay – Less than 3 Input Fields
- Capture and Storage of 3 LOGO images for use as full-screen image or Down Stream Key source
- Digital Input/Output (PresentationPRO-II Digital only)
- DVI Input - supports native high resolution background/luminance key channel
- SDI Input
- HD-SDI Input (optional)
- DVI Output
- Programmable Matte

PresentationPRO is a compact, reliable system that simplifies the task of supporting professional quality visual presentations, live events, corporate boardrooms, and church services. PresentationPRO-II is offered in two configurations: The PresentationPRO-II SDI and the PresentationPRO-II HD.

PresentationPRO-II combines an eight input universal analog video router, Barco's high performance proprietary Athena scaler, and a full-featured control panel in a single integrated package. The eight universal analog inputs accept standard component and composite analog video formats (NTSC, PAL), computer resolutions up to UXGA, analog HD formats including 720p, 1080i, 1080p, and Plasma display resolutions. The Barco Athena scaler 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 and aspect ratio correction. The operator can also capture and store three images for use as full-screen LOGO image, background or down stream key source.

Output resolutions supported include computer resolutions up to 1920x1200, Progressive HDTV resolutions including 720p, 1080p, and Plasma display resolutions in both analog and DVI formats.

PresentationPRO-II SDI also features both an SDI and DVI input. The DVI input provides a dedicated unscaled high-resolution background or downstream key source (DSK). A DVI output is also provided. On PresentationPRO-II HD, an HD-SDI input replaces the SDI input.

PresentationPRO-II Specifications

| SCALED VIDEO CHANNEL INPUTS | |
|--|---|
| Input Types: | <ul style="list-style-type: none"> • Analog Inputs (8) - RGBHV/RGBS/RGB computer video, YPbPr video (SD or HD), S-video, or Composite video on 15-pin HD connector • SDI Input (1) – per SMPTE 259M-C and HD-SDI on BNC connector • HD-SDI Input (1) – 259, 480p, 1080i |
| Input Resolutions: | <ul style="list-style-type: none"> • PAL or NTSC • Computer Resolutions VGA (640 x 480) through UXGA (1600 x 1200) • HDTV Resolutions up to 1920 x 1080 (720p, 1080i, 1080p) • Plasma Display Resolutions |
| UN-SCALED BACKGROUND/KEY CHANNEL INPUT | |
| Input Types | DVI Digital Input - per DDWG 1.0 on DVI-I connector |
| Input Resolutions | Resolution should be same as selected output resolution. Input signals on this channel are not scaled, but may be positioned. |
| OUTPUTS | |
| Analog Outputs | RGBHV/RGBS/RGB (non-interlaced) on 15-pin HD connectors (Preview and two Program monitor/projector Outputs) |
| Digital Output | Digital DVI per DDWG 1.0 on DVI-I connector (one Program Output) |
| Output Resolutions: | <ul style="list-style-type: none"> • Computer Resolutions VGA (640x480) through UXGA (1600 x 1200) • HDTV Resolutions, progressive up to 1920 x 1080(1080p) • Plasma Display Resolutions |
| USER CONTROL | |
| Front Panel Control | Intuitive Front Panel User Interface incorporating lighted push buttons and LCD touchscreen. Most control functions common with the Encore Presentation System. |
| Remote Control | <p>The unit may be controlled from a computer or external controller via LAN or an RS-232 serial link. Control functions include:</p> <ul style="list-style-type: none"> • Source Input Configuration • Output Format Selection • Test Pattern Selection • Video Source Selection for PIPs or Keys • Transition Effect Selection and Control • Video Effect Selection (PIP size/position, Keying, Borders, etc) |